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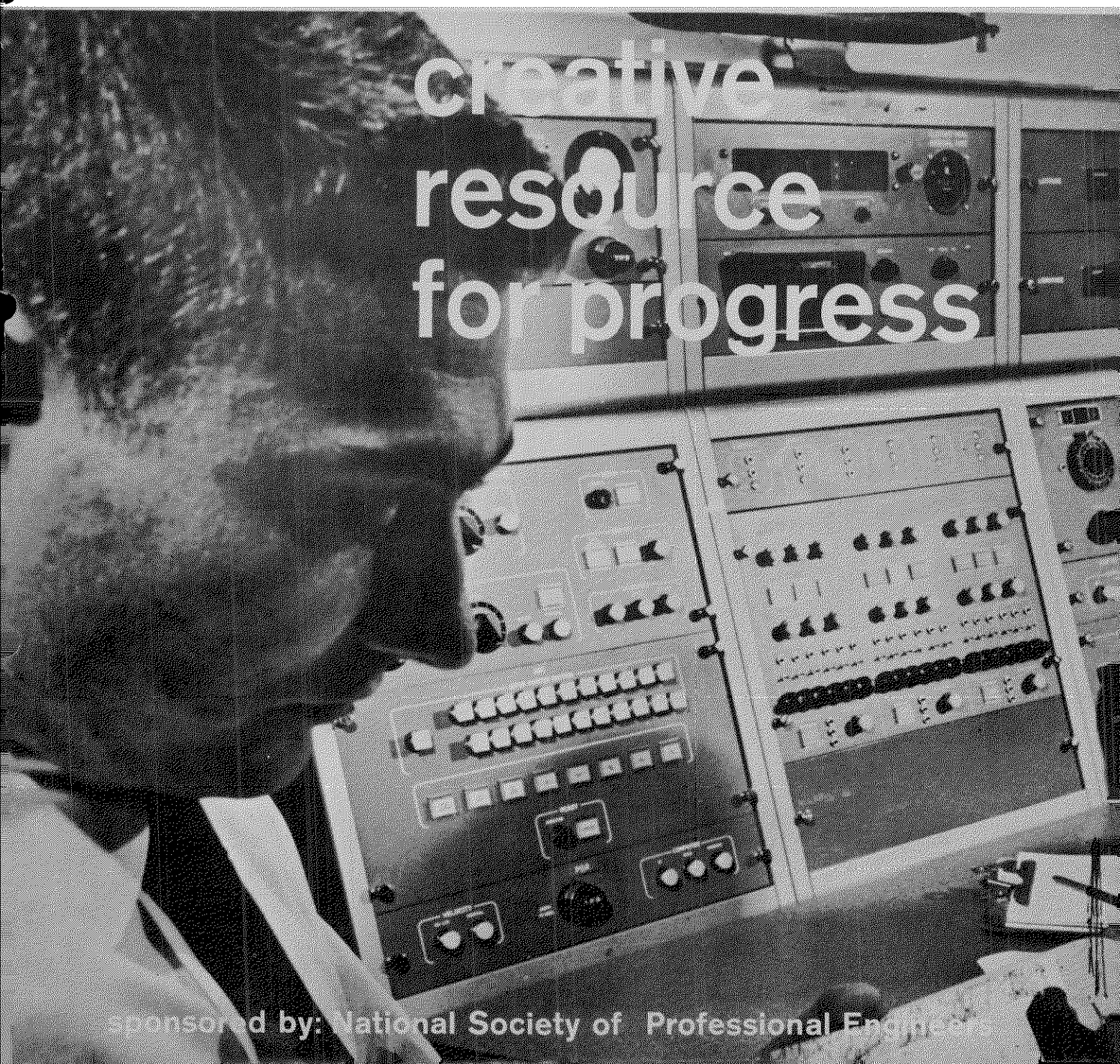
national engineers' week feb. 20-26

engineering...



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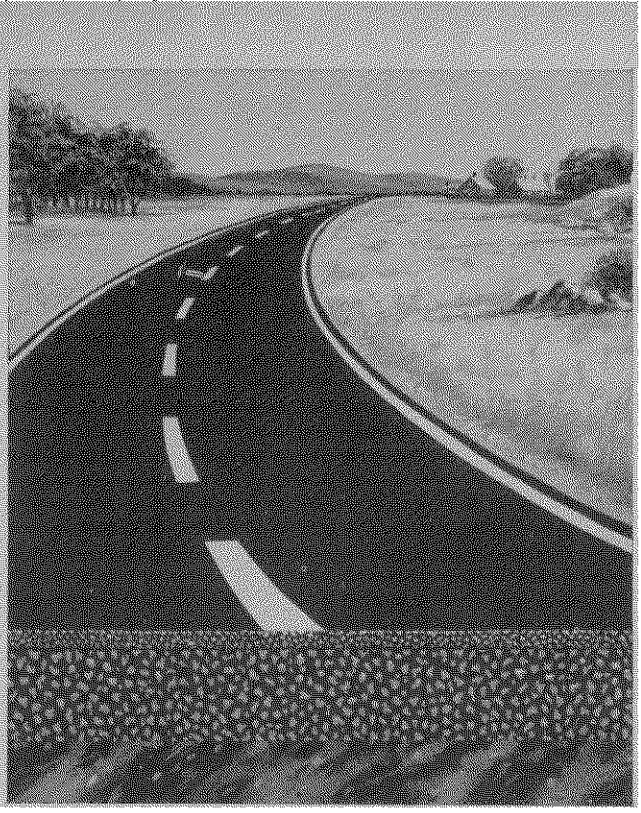

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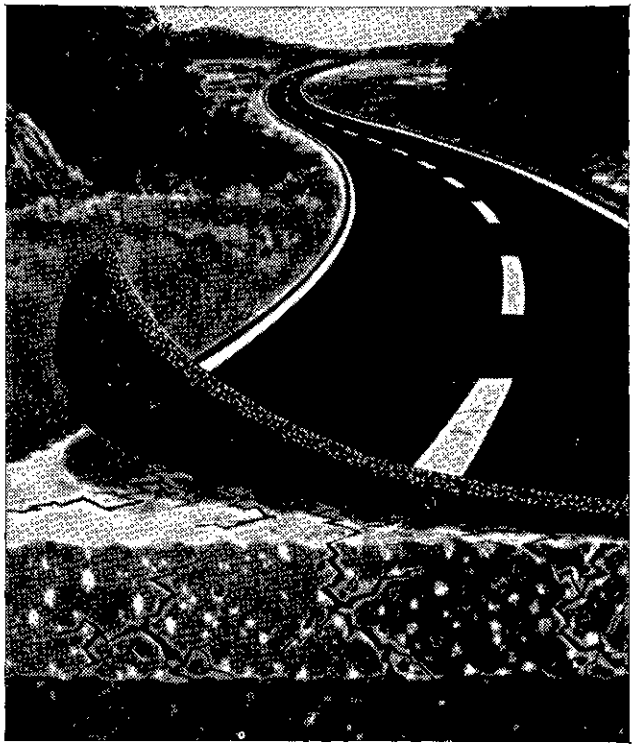

CEMENT BASE BREAK-UP is usually the real problem at the bottom of crack reflection. Cement-treated bases develop shrinkage cracks which eventually reflect through the protective riding surface. As these cracks increase in number and size, surface water enters, thereby causing more distress from instability and freeze-thaw action. Stronger, economical all-Asphalt pavement construction in the first place is the common-sense answer to all road- and street-building problems.

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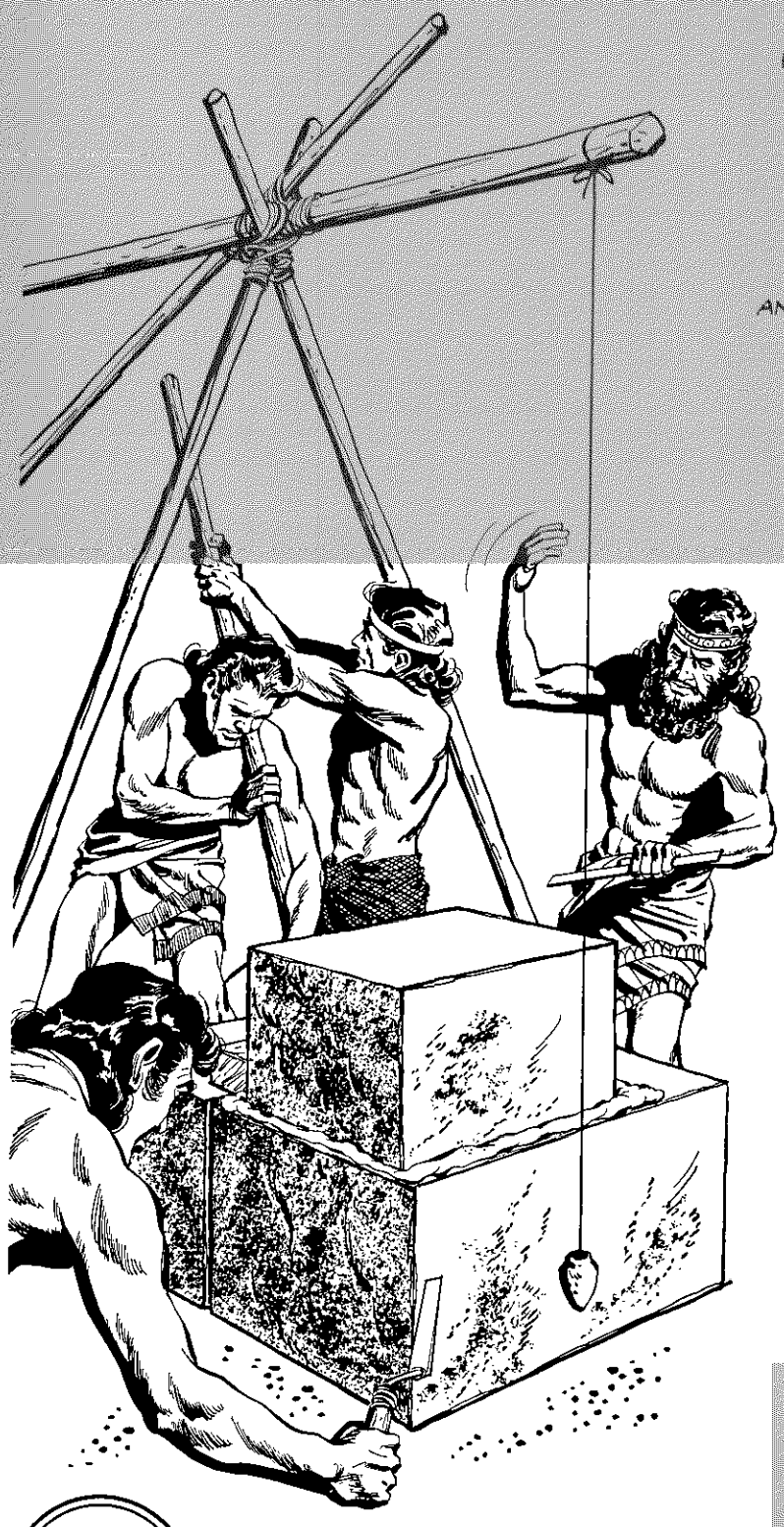

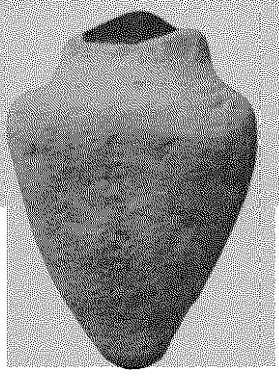

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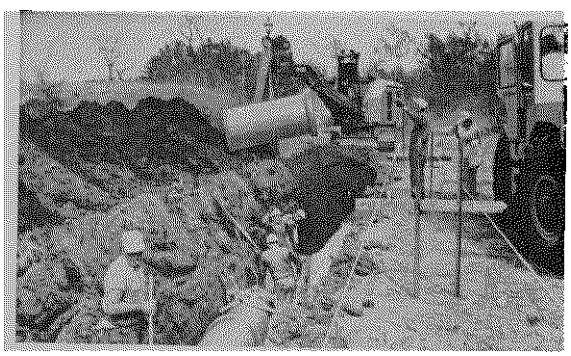

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THE LOUISIANA ENGINEER

Vol. 52 FEBRUARY, 1966 No. 1

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Signed

Oct. 31, 1965 — W. K. Bankston, Editor

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ABOUT THE COVER

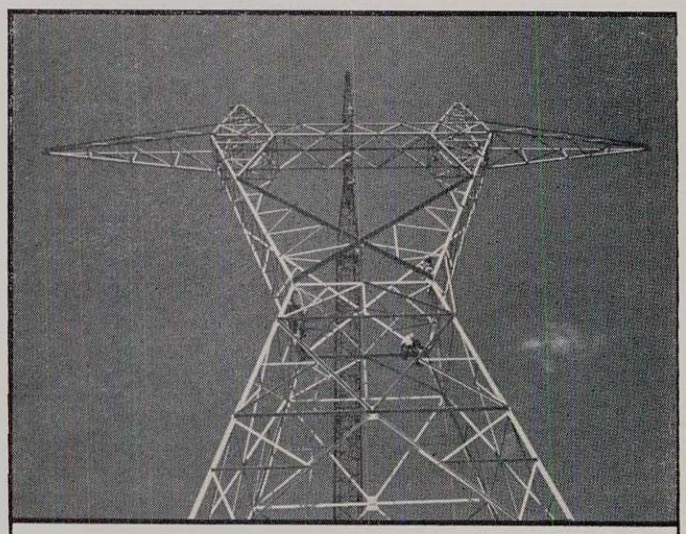
"Engineering . . . Creative Resource for Progress" will be the theme of the 16th National Engineers' Week held under the general sponsorship of the National Society of Professional Engineers. The 1966 observance will be held during the week of February 20-26.

The theme for the 1966 Week was selected to call attention to engineering as a vital resource for technological and scientific progress. The nationwide observance features high school career conferences, exhibits on engineering achievements, guided tours thorugh industrial plants, talks by engineers before student and civic groups, and other local activities by engineering organizations to call attention to the importance of a sound educational background in mathematics and the physical sciences.

National Chairman for the 1966 Week is Rex P. Merilatt, P. E., Federal Aviation Agency engineering executive in Oklahoma City.

Dr. Milton R. Johnson, P. E., of the Monroe Chapter is State Engineers' Week Committee Chairman of the Louisiana Engineering Society.

Address LES Communications and Change of Address Forms to Earl Martin, Jr., Executive Secretary, 833 Howard Ave., New Orleans, La.



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NSPE Public Relations Seminar

Engineers have a "prejudiced, conservative, and non-involved image," and should "identify themselves with the great unsolved problems of the Great Society." And if engineers want to get anywhere in a public relations program they have to "become some kind of a social force or get involved in social issues today."

The advice came from panelists at the Seminar on Public Relations for the Engineering Profession sponsored in New York City by the National Society of Professional Engineers. The two-day sessions at the New York Hilton attracted several hundred engineers, magazine and newspaper editors, radio and TV executives, and public relations directors from industry, government agencies, PR firms, and other professional societies. Representing the Louisiana Engineering Society was Earl M. Martin, Executive Secretary.

Analysis, advice and criticism, mostly from outside the profession, was frank, friendly and provocative.

In his keynote address, "Numbers and Letters," George Vila, Chairman and President, U. S. Rubber Co., pointed out the looseness with which the word engineer is used as one of the problems to be considered when defining the role and setting the qualifications of the engineer.

He accused the profession of being unskilled in appealing to and arousing the emotions of their fellow men and of being so preoccupied with numbers, materials and things that they are now . . . "bereft of a deep and meaningful understanding of human nature and the true nature of man as recorded in literature, the arts and humanities."

Richard D. Blanchard, past chairman of the Public Information Committee of the American Society for Engineering Education, charged that the engineering profession "has not been in touch with the people and by default has permitted a working partner, science, to capture the imagination of the nation to such a degree that all science and technology is covered under the general umbrella of "science." How science gets some of this attention was described by Julian Scheer, assistant administrator for public affairs, National Aeronautics and Space Administration. He told a panel of industry and government PR directors that the scientist is "willing to sit down with the people that will have to make the image for you, the mass media. He's willing to talk, he's willing to discuss, he's willing to spend time, he's willing to write and to communicate in every way and he finds the time."

In one discussion between engineers and press and TV specialists, Loy Baxter, vice president and director of public relations for J. Walter Thompson, paraphrased a famous quotation to read "ask not what the media can do for the engineering profession, but what the engineering profession should provide the media."

The man who helped develop the "Mr. Novak" program for the teachers, John Cox, assistant director, Division of Press, Radio and TV Relations, National Education Association, pointed out that "it doesn't matter what you do with publicity, it's your policies that dictate what people think of you. It's what you do that counts, it's not what you say about it. So many associations want to conduct one kind of policy and want the press operation to convince the people they're conducting another."

Probably the most candid appraisal and the best advice came from William Ruder, President of Ruder and Finn Inc. He described engineers as being anonymous people. The public knows that engineers have contributed to a great part of their environment and has a high regard for them but does not know who they are or exactly what they do.

Ruder said that engineers, in creating systems, participated in decisions. They should identify problems and alternative solutions. He went on to say that it it not permissible for engineers to remain anonymous any more, even if they so desire. They should influence policies.

He based this reasoning on the fact that engineers, by their training can approach problems unemotionally and reach solutions on a factual, objective basis. He observed that engineers are the membrane between the explosion of knowledge and data and the population explosion. He stated "Engineering must become a profession with a soul," before its stature is improved to the extent desired.

In a preface to the seminar program, NSPE President J. Neils Thompson, asks what is the real reason for the seminar? Is it to promote the profession to the public, to help industry and government alleviate a projected shortage in engineers, to help attract young people to the profession, to help NSPE promote itself to the profession. He said he suspected all of these reasons explain the purpose of the seminar.

Were he to write a postscript he might give a different answer. He might say; to stimulate the profession in self-appraisal, to broaden its outlook, to improve its articulation, to foster engineering unity and, as Mr. Ruder put it, to "find its soul."

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NEW DOCTORAL PROGRAM ESTABLISHED AT LSU IN MECHANICAL ENGINEERING

A new program leading to the Ph.D. degree in mechanical engineering has been established on the Louisiana State University campus here. It will take effect next September.

Dr. Roger W. Richardson, Dean of the College of Engineering, said the new program is an expansion of the graduate program of the department of mechanical and aerospace engineering. Doctoral work will be offered in the fields of heat transfer, thermodynamics, boundary layer theory and machine design.

Dr. Lawrence R. Daniel, Jr., professor and head of the department, said the strengthening of the graduate program of the department is vital to the continuad growth of many Louisiana industries, particularly those relating to the national space program.

The new Ph.D. program will draw support from the departments of mathematics, physics, engineering mechanics and chemical engineering. The latter two also have doctoral programs.

Dr. Daniel said the number of graduate students in mechanical engineering has more than tripled in the last four years. Among graduate courses now taught in the department are advanced machine design, power plant design, reactor engineering, nuclear shielding, space flight mechanics, cryogenics and low temperature refrigeration, analysis of industrial operations, advanced heat transfer, advanced gas dynamics and boundary layer theory.

Candidates for the Ph.D. degree in mechanical engineering will be required to complete 58 semester hours beyond the B.S. degree or 33 hours beyond the M.S. degree, whichever is the greatest. They will be required to write a doctoral dissertation on a research problem, and will be given a written and oral examination. Minor study also will be required in either mathematics, physics or chemistry.

The department now has nine faculty members holding Ph.D. degrees, and the amount of research conducted both by its professors and graduate students has greatly increased the last several years, Dr. Daniel said.

The many projects in the department include research aimed at obtaining information helpful in the development of a method of harnessing electricity from the exhaust of jet engines, and a program of testing flexible hoses such as those used in space vehicles under a $60,-428 contract with the National Aeronautics and Space Administration Manned Spacecraft Center in Houston.

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National Directors Report on NSPE Winter Meeting

By Waldemar S. Nelson, John P. Fernandez,
National Directors

The National Society of Professional Engineers concluded its Winter Meeting in Miami with a resolution to proceed with a long-range plan for expanding the Society's membership and activities to more fully represent the professional engineers of the Nation. Waldemar S. Nelson and John P. Fernandez, National Directors, attended the meeting and represented the Louisiana Engineering Society, which is the NSPE organization in Louisiana.

The 150 members of the Board of Directors came from all 50 states, the District of Columbia, the Canal Zone and Puerto Rico representing the Society's 65,000 members, making this the best attended meeting in the group's history.

Matters of particular interest discussed at the meeting included membership development, the conduct of a public relations seminar during November in New York and the initiation of a broad public relations program, revisions to the model law for registration of engineers proposed by the National Council of State Boards of Engineering Examiners, and collaboration with other professional groups concerned with environmental design. The Board also considered coordinated action with related engineering organizations through development of a Joint Engineering Action Group.

Of particular interest to the professional engineers was consideration of a report on the "Goals of Engineering Education" recently published in preliminary form by the American Society for Engineering Education. This report has created great discussion in engineering circles since it recommends that the first professional degree in engineering should be the Master's degree awarded upon completion of an educational program of at least five years' duration. The NPSE Board adopted its Education Committee's recommendation that the "Goals" study report be revised as follows:

1. A four-year Bachelor's degree program leading to an engineering degree should be offered. This degree may be identified as a Bachelor of Science with a major in engineering.
2. The first designated degree in engineering should be the Master's degree awarded upon completion of an integrated program of at least five years' duration. This degree may be identified as the Master of Engineering or Master of Science with appropriate specialty designation such as Civil Engineering, etc.

The NSPE Board further adopted recommendations of its committee with respect to engineering curiculum endorsing broadening the liberal education of engineers; strengthening the basic mathematics, physical science and engineering science content; including systems analysis and design in engineering curricula at all levels; and providing more diversity and flexibility for individual students interested in special fields.

Of prime concern to all Directors present and to the Society members throughout the Nation was consideration of the long-range plan for development of the Society. There are probably 700,000 engineers in the Nation of whom approximately 220,000 are registered. The NSPE, now limiting its membership to professional engineers, represents 65,000 of these, making it the largest organization in the United States devoted to the professional interest of engineers. To permit the further development of the Society to a membership of possibly 350,000 to 500,000, making it fully representative of the Nation's engineers in all areas of professional practice, it was proposed by the Long Range Committee to revise the Constitution permitting non-registered engineers to become members. This proposal met with opposition in many areas of the country and several resolutions from state societies were introduced urging that the proposed Constitutional Convention be deferred.

However, at the Miami meeting a revised plan was presented proposing the grades of Member and Associate Member with the Member grade being limited to registered engineers and being the only grade permitted to hold office in NSPE, to serve on the Nominating Committee, and to be eligible to vote on constitutional changes. An Associate Member would be a person of high moral character who is (1) a graduate engineer actively pursuing an engineering career or engaged in postgraduate engineering study; or (2) a certified engineer in training. An Associate Member would be permitted to remain in this classification for no longer than 12 years without becoming registered and qualified for the full Member grade. Other grades of Affiliate Member and Student Member were proposed subject to discussion at the Constitutional Convention.

With the proposed changes and some further discussion as to conduct of the Constitutional Convention and grouping of the Society's engineers engaged in various areas of practice such as education, government, industry, and private practice, the Board adopted resolutions to proceed with the Long-Range Development Plan including

1. Holding of a Constitutional Convention in Minneapolis July 5-6, 1966.
2. Immediate appointment of a Constitutional Documents Committee to prepare the document for consideration at the Constitutional Convention.
3. Extending invitations to other technical and professional engineering societies to send representatives to the Constitutional Convention.
4. Referring other recommendations of the Long Range Planning Committee to the Organizations and Functions and Constitutional Documents Committee for consideration.
5. Deferring the voting by members on the reorganization plan to not earlier than the normal balloting time now provided in the Constitution, January-March, 1967.

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Chapter Membership Contest

The State Membership Committee has recommended that a contest be conducted between chapters to help in the current membership development campaign of the LES. The LES Board of Direction has endorsed this contest and will provide proper recognition to the winning chapter. The 1965-66 quota has been established as a 10% increase based on the number of members in each chapter as of July 1, 1965. Rules of the contest are:

(1) A chapter must reach the quota to qualify for the contest.

(2) The chapter with the greatest percentage increase, based on applications **and** re-instatements received by the state office during the year will be declared the winner.

Your Chapter Membership Chairman has application blanks and is ready to assist you in any way to enlist new members. They ask that all members of their chapters make an extra effort to benefit the Society and its programs.

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Executive Secretary Activities

Visit to NSPE Headquarters

NSPE provides financial assistance to new Executive Secretaries to enable them to visit headquarters. I was able to make this most interesting and enlightening visit to NSPE in Washington December 13 and 14. Paul Robbins and his staff went all out to cover all aspects of the State Executive Secretaries' duties and operations within the state as well as in conjunction with the NSPE. All functions of the professional society were covered thoroughly and ample time was taken for discussion of our state operation as correlated with National by the various NSPE staff members. As anticipated, having four new state secretaries in at one time greatly enhanced the presentations made by the NSPE staff, enlivened the question and answer periods after each topic, and provided information about what was being done in other states that might be considered by our Society to increase efficiency and/or economy. Present were Wayne Lemberg from Michigan, Richard Carden from Virginia, and Arthur Snyder from Kentucky.

All sessions were concerned primarily with the state secretaries' assistance to the State Officers and Board of Direction, Chapter Offices, Committees and Functional Sections. It was noted that the Executive Secretaries should be concerned with the problem of "Balance and Emphasis" primarily in these areas, not necessarily in this order: (1) Office and Society Management, (2) Membership, (3) Legislation, (4) Editorial and Communications, (5) Public Relations. This is not to detract from other staff duties, but most of these major areas are almost everyday occurrences, and with experience the Executive Secretary should be able to handle these in a routine manner, leaving time for special programs or personal visits in the chapter areas, or coordinating committee or functional section activities.

I want to thank you and the Board of Direction for permitting this trip. The operation of the state office and its staff will be more effective and efficient because of the information and procedures learned in Washington.

NSPE's Most Significant PR Effort

The LES Board of Direction was advised that the PR Seminar was the most significant effort in this area to date on the part of the engineering profession. The discussions, orientation and indoctrination were invaluable.

More important, however, was that while these highly qualified public relations, television and press personnel were preparing their talks, they began to understand and realize, for the first time, the value of engineering. In fact, one broadcasting vice president wondered why there was no program about engineers. (These personnel included such men as a vice president of a large PR and advertising firm, a vice president of one of the three main broadcasting companies, and the editor of a national magazine.)

Chapter Presidents, Program Chairmen and PR Chairmen, from the above comment it appears that one of the best ways to reach the communications media in your area is to invite one or several of their top representatives as panelists or speakers at your meeting. Not only can you get some valuable help from them with your PR activity, but through discussion and preparation, they also learn something about engineering. Several of the topics used at the PR seminar, which could also be applied to chapters, were "what each medium thinks the engineering profession should do to help increase public understanding of itself," and "what information each medium would consider noteworthy and would want engineers to furnish."

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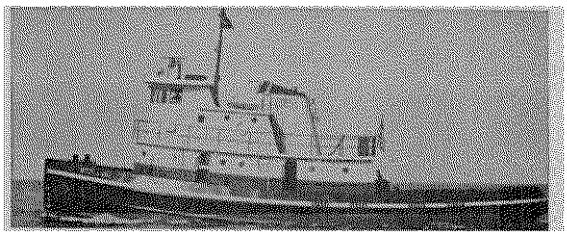

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LADIES ADVISORY COMMITTEE REPORTS ON WINTER MEETING

By CARROLL FROMHERZ

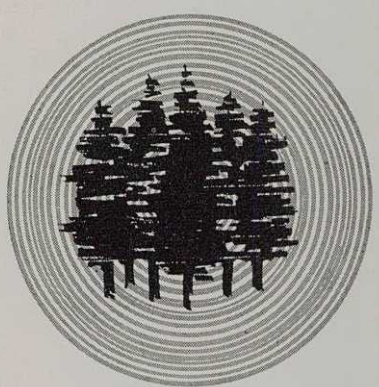
Since the establishment of the Ladies Advisory Committee in July, one meeting has been held at the Planning Confernce in Alexandria to which I sent a representative, Mrs. O. E. Barron, Jr. Officers of the Committee were established at that time and a system of rotation was agreed upon.

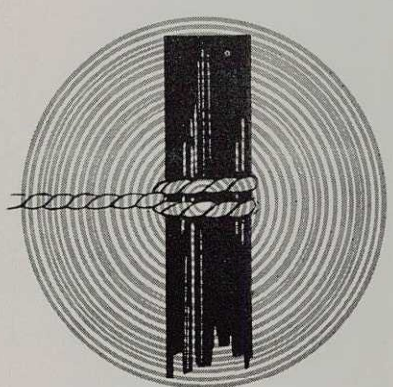
As of this date, the Rules of Committee are not yet final. However, the Auxiliaries in New Orleans and Shreveport have adopted a set of proposed rules, which have been sent to the other Auxiliaries. We expect that permanent rules will be adopted by the Annual Meeting.

At this time, I would like to state that the formation of the Ladies Advisory Committee would not have been possible without your generous support in subsidizing the officers expenses for attending the Annual Meeting. As you know, each Auxiliary in the state supports various philanthropies in the field of Engineering. I feel certain that not one of them can afford the expense of sending a representative to the Annual Meeting.

No doubt, many of you have seen copies of the Year Book which your wives have received. The New Orleans Auxiliary was happy to compile the information necessary to publish it and we are grateful to the L.E.S. and Mr. Earl Martin in particular for its existence.

We hope the establishment of this Ladies Advisory Committee will prove beneficial to all the members of the L.E.S.





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LES Winter Meeting Successfull

Winter Meeting Aids Section and Committee Activities

"The LES Winter Meeting will provide our Functional Sections and Standing Committees a valuable, planned meeting date in the future," commented Charles W. Stokes, P.E., LES President. "This meeting time fits right in with other scheduled meetings of the Society, and especially compliments the Planning Conference held at the beginning of the administrative year," said Stokes.

The first Winter Meeting was held at the Monteleone Hotel in New Orleans January 14-15, 1966, with the New Orleans Chapter as hosts. Mr. Michael Cade, P. E., President of the New Orleans Chapter said "The program was designed to provide as much time as possible for the Sections and Committees to meet and review activities since the Planning Conference, as well as plan programs and activities for the balance of the year."

Friday afternoon meetings were for Professional Engineers in Private Practice and in State Government, along with a very important meeting of the "Task Force" Committee preparing the guidelines within which the Professional Engineers in Industry Functional Section will be formed. At the General Session following these separate meetings, each Section Chairman reported on activities and future plans of their sections.

Mr. Waldemar Nelson, P.E. and Mr. John Fernandez, P.E., National Directors, reported on the recent NSPE Winter Meeting, with special emphasis on the proposed Constitutional revisions and the Convention to be held in July. Discussion and comments from these in attendance followed.

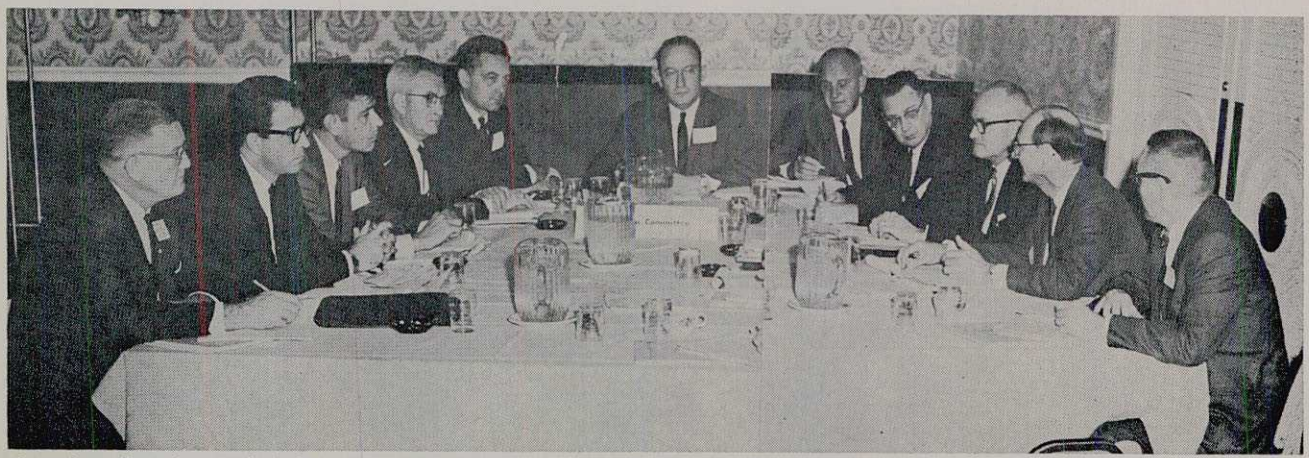
Saturday morning meetings were for the various state committees including Honors and Awards, Engineers Week, Vocational Guidance, Ethics and Professional Conduct, Legislative, Public Relations and Membership. Also meeting for the first time was the recently formed State Committee on Education, with Dean John L. Martinez, P.E. as Chairman. This committee has been assigned study of, (1) The ASEE's 'Goals for Engineering Education Report,' (2) The State Technical Services Act of 1965, and (3) The possibility of establishing a Functional Section for Professional Engineers in Education in L.E.S.

LES Past Presidents at the Winter Meeting include Mr. and Mrs. James Janssen, M. C. Abraham, Mr. and Mrs. Waldemar Nelson and Calvin Watts.

Comparing notes on Engineering Schools are Dean and Mrs. Lee Johnson of Tulane and Dean and Mrs. Rodger Richardson of L.S.U.

All committees gave a brief report of their meetings at a general session following their separate meetings.

President Stokes thanked the committeemen for their attendance at the Saturday Wrap-Up luncheon. He pointed out that the activities of committees play a major role in the successful operation of the Society, and in accomplishing the goals of the L.E.S.



In serious discussion at their first meeting are members of the LES Education Committee (from left) Messrs. Smith, Hebert, Higgs, Leary, Cambias, Chairman John Martinez, Repscha, Heller, Henry, Johnson and Daniel.

LES WINTER MEETING SOCIAL

Marion Bubenzer, State Director from Shreveport, Mr. and Mrs. Fred C. Culpepper, Monroe Chapter, Farrell Adams and E. M. Jolly, Shreveport Chapter enjoy cocktails at the Winter Meeting.

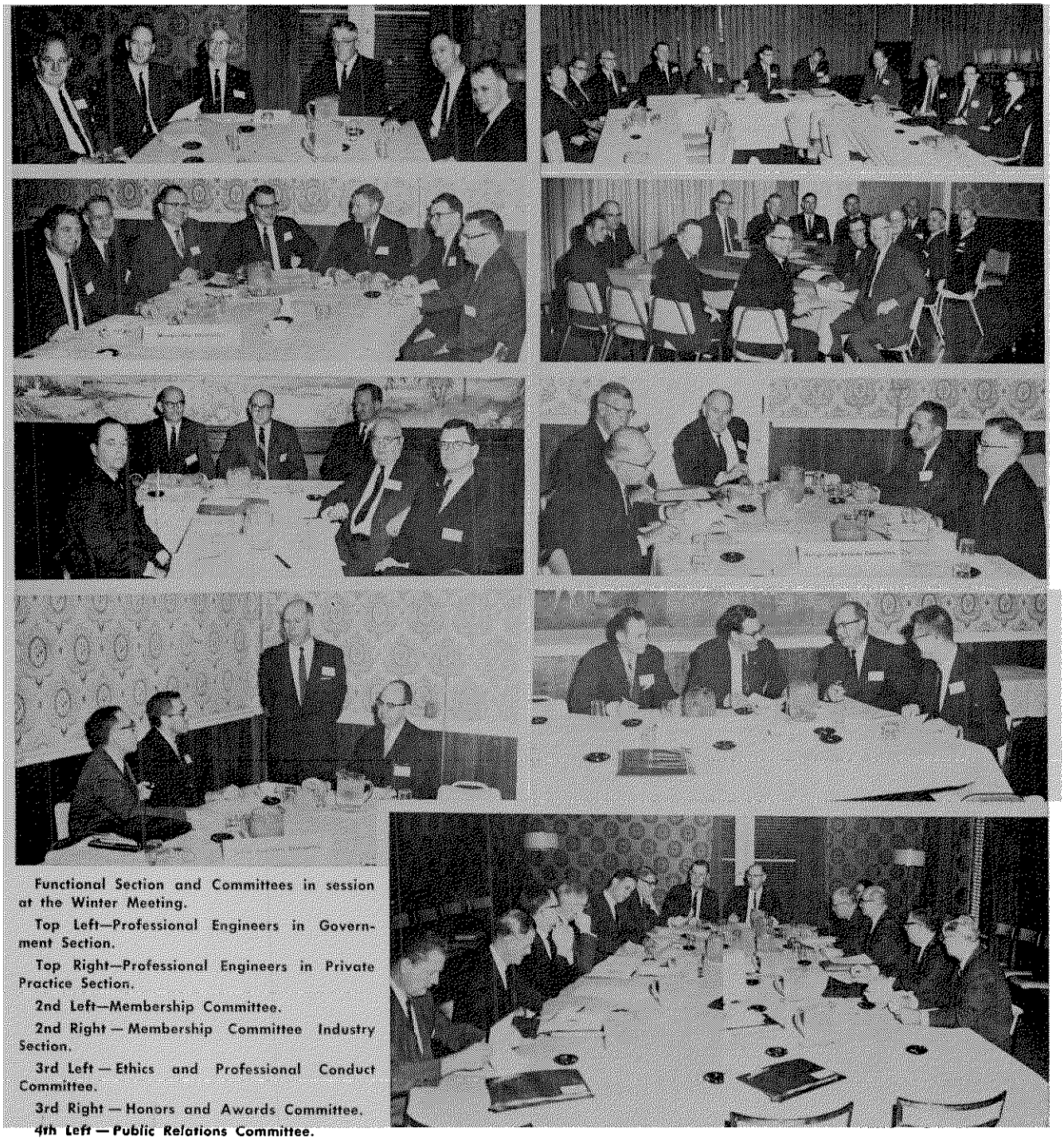
Sylvan Richard, Albert Repscha, Mr. and Mrs. Richard Patout, Mr. John Uffman and Mr. Gene Sellers, represent the Lafayette Chapter at the Winter Meeting.

Messrs. and Mems. Louis Duclos and Charles Barnard enjoy a laugh at the Winter Meeting cocktail party.

President and Mrs. Stokes (left) with the officers of the host New Orleans Chapter, Mr. and Mrs. Michael Cade, Mr. Harvey Kellerman, Mrs. Thomas Fromherz, President of the Ladies Auxiliary, Mr. and Mrs. David Fried and Mr. Pierre Stouse.

Below: Saturday Luncheon

AND BUSINESS MEETING PICTURES



Functional Section and Committees in session at the Winter Meeting.

Top Left—Professional Engineers in Government Section.

Top Right—Professional Engineers in Private Practice Section.

2nd Left—Membership Committee.

2nd Right — Membership Committee Industry Section.

3rd Left — Ethics and Professional Conduct Committee.

3rd Right — Honors and Awards Committee.

4th Left — Public Relations Committee.

4th Right— Engineers Week Committee.

LES Board of Directors in session before the Winter Meeting activities began.

MAKE YOUR PLANS NOW !
LES ANNUAL MEETING — July 22, 23, 1966. Jack Tar Capitol House, Baton Rouge.

How Rugged Are We?

By LLOYD A. CHACEY, P. E.

Executive Secretary
Ohio Society of Professional Engineers

Engineers on the whole think of themselves as rugged individuals. In fact, even outside the ranks of the profession today there is a turning toward individualism and the abandonment of all inhibitions.

Professionalism produces rugged individuals by protecting the right to be rugged individuals. It is my observation that if taken too far, rugged individualism would leave every man standing alone against every other man. And that would certainly be a world of "dog eat dog." This might be okay if every human being had exactly the same physical and mental strength as well as equal power to influence others.

But the world was not made that way; we are not equal in strength.

So, How Rugged Are We? Rugged enough to fight for a profession that will protect our individualism or so rugged we choose to stand alone, not pay our dues, not go out and get new members, and let our individualism be taken over by a dictator.

Your professional society is worth fighting for. Like some other things in life, you can't put a price on it because you can't do without it. Strengthen your professional society every chance you get.

Ask someone to join today!

LES..... Gaining Strength With New Members

We welcome the following new members in the Society:

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Leigh M. Brown, Pineville, AM
John H. Leggett, Pineville, AM
John E. Soileau, Alexandria, JM

Baton Rouge Chapter

Joe F. Crouse, Baton Rouge, M
Joseph A. Nadler, Jr., Plaquemine, M
Easton Stewart, Baton Rouge, M
Albert Switzer, Baton Rouge, M
Jos. R. McCormick, Jr., Baton Rouge, JM
Roy H. Odom, Baton Rouge, M
Roger W. Richardson, Baton Rouge, M
Robert F. Decell, Baton Rouge, JM
Harold L. S. Odom, Baton Rouge, JM

Lafayette Chapter

Drew Cornell, Lafayette, M
Guy H. Johnston, Rayne, M
Willis J. Talley, New Iberia, M
James A. Beach, Jr., New Iberia, M
John E. Chance, Lafayette, M
Robert E. Miller, Jr., Franklin, M
Louis Woodson, Lafayette, M
Sylvan J. Richard, Lafayette, M

New Orleans Chapter

John D. Fernandez, Jr., New Orleans, M
Donald E. Tousley, New Orleans, M
Malcolm L. Hurstell, New Orleans, M
Claude G. Barker, New Orleans, AM
Carl B. Hakenjos, New Orleans, AM
Patrick L. Darby, New Orleans, JM
Stephen E. Steimle, New Orleans, JM
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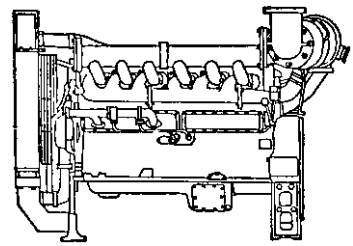

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LOUISIANA ENGINEERING SOCIETY

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Board of Direction Meeting—November 4, 1965, 7:00 P. M., Hilton Inn, New Orleans, La.

President Stokes called the meeting to order, with Messrs. Duclos, McNamara, Vogt, Fernandez, Odom, Walk, Bubenzer, McCain, Sellers, Williams, Thigpen present. Mr. Earl Martin, Executive Secretary, Mr. Malcolm Hurstell, Chairman of PEI Committee, Mr. Warren Bankston, Editor of **The Louisiana Engineer** and Mr. Allan Johnson, Public Relations Counsel were also present.

Mr. Duclos made a motion that the minutes of the previous meeting be accepted without reading, except for the corrections indicated by Mr. Fernandez. Mr. Williams gave the second and the motion carried.

Mr. Vogt read the October financial statement.

After some discussion about the monthly budget breakdown, President Stokes asked that the Board consider the following expenditures:

1. The Executive Secretary asked permission to enroll the Society as a member of Public Affairs Research Council and the Louisiana State Chamber of Commerce. A motion to join the two groups for one year was made by Mr. Duclos, seconded by Mr. Bubenzer and carried.

2. Mr. Martin read the letter and Program from NSPE concerning the Public Relations Seminar to be held in New York November 18, 19 and also read the request of NSPE that the Executive Director visit the National Office, along with four other new Executive Secretaries, in December, for orientation and familiarization with NSPE operations. Mr. Duclos made a motion that the Board authorize these two trips for the Executive Secretary, it was seconded by Mr. Odom and carried.

3. President Stokes asked the Board's approval to purchase Fire, Theft and Public Liability Insurance for the state offices. Also that the Society carry Public Liability and Property Damage Insurance on the Executive Secretary's car, over and above the coverage Mr. Martin has on his own. Mr. Duclos made a motion that the Society purchase the insurance coverage, it was seconded by Mr. Williams and carried.

4. President Stokes asked Mr. Walk to report on the meeting of a special committee to determine the future handling of the Public Relations and publication of **The Louisiana Engineer** previously handled by the firm of Allen Johnson and Associates.. Mr. Duclos made a motion that Mr. Walk and the special committee negotiate a contract with Allen Johnson & Associates as outlined. Mr. Fernandez seconded the motion and it carried.

President Stokes read correspondence concerning the list of nominees to be submitted to the Governor for his appointment of a member to the State Board of Registration for Professional Engineers and Land Surveyors. After prolonged discussion it was decided to submit the following names, with a recommendation that the incumbent Mr. A. D. Jackson be continued as a member of the committee:

Dr. Thomas P. Leary, P. E.	Mr. Louis Duclos, P. E.
Mr. A. D. Jackson, P. E.	Mr. John P. Fernandez, P. E.
Mr. Lionel Cucullu, P. E.	Col. W. H. Lewis, P. E.

Mr. Odom pointed out that Governor McKeithen has not appointed a replacement for Mr. E. E. Taylor who had indicated his desire to be replaced, and that the Registration Board had prevailed upon Mr. Taylor to continue to serve. Mr. Duclos made a motion that the Society add Mr. Taylor's name to those submitted to the Governor in 1964, it was seconded by Mr. Williams and carried.

The Executive Secretary reported that copies of all resolutions approved at the October 7 Board Meeting were furnished to all Board Members. Letters from Congressmen about repeal of Section 14(b) of the Taft-Hartley Law were noted, and Mr. Odom reported on the Civil Service Commission Hearing October 26.. Senator Danny Roy Moore and Representative Morley Hudson, the two engineers in the legislature made appearances at the hearing in behalf of state-employed engineers. Mr. Thigpen made a motion that the Society, with the help of the PEG Section, prepare a letter to the Governor, recommending the Salary Scale increases, but pointing out that even with these increases, state-employed engineers are still far below the scale of the federal engineers. This motion was seconded by Mr. McNamara and passed.

Mr. Hurstell reported that his trip to the PEI meeting in Oklahoma City was both enjoyable and educational, but that there was not much for organization of a new section. Most of the information was of more interest to established PEI Sections. Other work of the PEI task force included: (1) Material being prepared for an information pamphlet for all members; (2) Preparation of Speakers Kit for use in PEI presentations (3) Preparation of "Standards for Employment of Professional Engineers" information booklet is under way. Mr. Hurstell also stated that his committee recommends that the funcational sections remain under the LES Board, not with the National Board, as recommended by NSPE.

President Stokes announced that the next Board Meeting would be in Baton Rouge on December 9, at 4:00 P. M. The meeting then adjourned.

JOHN VOGT, JR., P. E., Sec.-Treas.

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LOUISIANA ENGINEERING SOCIETY

Board of Direction Meeting, December 9, 1965

4:00 P. M., Oak Manor Motel, Baton Rouge, La.

The meeting was called to order by President Stokes, with Messrs. Duclos, McNamara, Vogt, Nelson, Fernandez, Odom, Johnson, Walk, McCain, Capozzoli, Sellers. Also present were Earl Martin, Executive Secretary, and Sylvan Richard, Secretary of the Lafayette Chapter.

The President requested that the Board convene as a "Committee of the Whole" to discuss membership development and retention.

After considerable discussion, it was determined that these actions would be taken: (1) A simple outline of requirements for grades of membership would be prepared and distributed, (2) The Chapter Presidents will work with the Executive Secretary to set up a meeting with the Chapter Membership Committee, arrange for some time at a regular chapter meeting, and then be available to work with chapter members to call on prospective members, (3) A letter and application blank would be prepared and sent to all newly registered engineers, and a following-up letter to be sent by the Chapter President inviting this prospect to join the Society, (4) The help and cooperation of the faculty members of our engineering colleges will be solicited to help promote LES and NSPE, (also solicited as a source of new members), (5) Work with industry Public Relations people, to make management aware of the need for LES as well as technical societies, (6) Request our functional Section Chairmen to solicit new members by directly contacting engineers who might be interested in the programs of the Sections. (7) Send out card with ballot mailing asking members to suggest names of interested parties for direct mail contact. These activities were to be implemented as soon as possible. The Board then took up agenda items.

The minutes of the November 4 Board Meeting were accepted, as previously mailed to Board Members, without reading, on a motion by Mr. McNamara, seconded by Mr. Johnson.

President Stokes reported that extensive deliberations on the budget to date and for the remaining seven months were conducted by the Finance Committee prior to this meeting. He noted that we are operating within the planned deficit budget. He also stressed the need for increased membership and advertising income to provide for unanticipated LES activities or promotions.

The Board heard a request from the PEPP Section to approve their "Procedure in the Selection of Consulting Engineers for Work for Public Bodies in the State of Louisiana." Mr. Odom explained that the Section hoped to have the Governor approve this suggestion and recommend that state agencies follow this in the selection of their consulting work. Mr. Duclos moved that the Board adopt this procedure and instruct the PEPP to go head with their plans. It was seconded by Mr. Walk and passed.

The PEPP Section also asked the Board to approve the distribution of complimentary copies of "Manuals of Professional Practice" to public bodies and educational institutions. It was noted that this might help us in getting wider distribution and use throughout the state, and also that these Manuals were paid for, so there would be no new expense. Mr. Fernandez moxed that the Board approve this distribution, it was seconded by Mr. Duclos and passed.

The Board received copies of the report on the NSPE Public Relations Seminar in New York November 18, 19, from Mr. Martin. The information and new ideas gained at this meeting would be made available to the Public Relations Committee, as well as state and chapter officers.

The President gave some comments on the Chapter Evaluation Program, its value and help to the Chapter Officers in administering their chapter activities, and requested that the Board study the Program in detail at the February meeting.

The Board has received copies of the editorial by Mr. Stewart M. Huey, and the President requested that the State and Chapter Legislative Committeemen be advised of these recommendations, and that the Committee make this type of service available to Louisiana local and state governing bodies whenever technical legislation is introduced.

Mr. Duclos suggested that the LES should consider supporting the activities of the American Society of Certified Engineering Technicians and assist them in forming the state group. Mr. Duclos made a motion that a committee be appointed to study all aspects of the issue and report its recommendations, to the Board. The motion was seconded by Mr. Odom and passed.

A motion to adjourn was made by Mr. Odom, seconded by Mr. McNamara and passed.

JOHN F. VOGT, JR., Secretary-Treasurer.

New Firm Announced In BR

Dr. Louis J. Capozzoli, Jr., recently announced the culmination of nine years of practice of Soil Mechanics and Foundation Engineering in Baton Rouge by forming his own firm under the name of Louis J. Capozzoli & Associates. Some of the foundation projects handled by Dr. Capozzoli's firm are the 21-story Louisiana National Bank Building in Baton Rouge, levee design for Cargill, Inc., in Minneapolis, Minnesota, and a new sugar mill on Abaco Island in the Bahamas. Dr. Capozzoli is now the President of the Baton Rouge Chapter of the Louisiana Engineering Society and is on the State Board of Directors.

Chapter News - - -

EDITOR'S NOTE: Chapter Secretaries are urged to send in reports of their Chapter's meetings, social functions, or other interesting activities.

Shreveport Chapter — LES Past President John T. Knight, Jr., was the featured speaker at a joint LES-ASME November meeting at the Shreveport Petroleum Club. Col. Knight made an excellent presentation on "Professionalism in Engineering."

Marion Bubenzer, LES State Director, presented the 2nd annual Shreveport Chapter, Louisiana Tech $200 scholarship to Philip D. Fairchild. Mr. Fairchild is a Senior in Mechanical Engineering and his home is at 1904 Bonn Street, Bossier City.

The Ark-La-Tex Chapter of ASME awarded two annual scholarships in the amount of $75 each.

The January meeting at the Marlin Room of the Captain Shreve Hotel included a presentation by the "Portland Cement Association" featuring facts about "The Construction of Interstate 10 over Lake Pontchartrain," including the film "Miles over Water." The program was presented by Messrs. Cliff Boyd and H. T. Gibbons.

Baton Rouge Chapter — November Meeting—Mr. Lew Barnum, Assistant Manager of Public Relations for Ethyl Corporation, spoke on "Ethyl Corporation . . . Changing . . . to Serve a Changing World" at Sherwood Forest Country Club, following a supper meeting.

"Ethyl came to Baton Rouge in 1936," said Barnum, "and now conducts a major part of its activities from here. It was principally a one-product operation until its acquisition by and merger with the smaller Albemarle Paper Company in 1962. Thereafter it broadened its operations into the chemical and plastics fields, and, with large laboratories in Baton Rouge and Detroit, conducts extensive research and development to find new products to fill the needs of a changing world."

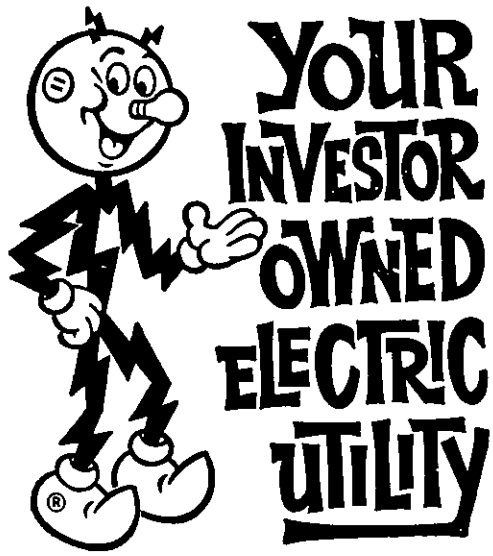
December Meeting — The Women's Auxiliary to the Baton Rouge Chapter of LES entertained husbands and guests at the Piedmont Club. Receiving guests were Mrs. Toxie Craft, Auxiliary President, and Mr. and Mrs. Wesley Root, Jr., and Mr. and Mrs. Jerry W. Affolter, Jr. Mr. Affolter is past president of the men's Society. Mrs. Louis Capozzoli, Jr., wife of the LES Chapter President, registered guests. Mrs. Leo James Odom assisted her.

Entertainment was provided by Mrs. Y. M. Tucker, who regaled those present with Cajun stories. She was introduced by Mrs. Calvin Watts. Music was provided by Powell Tate and his French musicians from Mamou.

Assisting with party details were Mmes. Jesse D. Roberts, Leo Odom, Jr., A. M. Cockerham, R. E. Pillor, Conway Luck, Frank H. Kroger, Thomas B. Catchings and John R. Baker.

New Orleans Chapter — The November Meeting was held at the Engineers Club on November 28, 1965. Mr. Earl Martin, Executive Secretary of the state LES, was introduced. Mr. Martin gave a brief report on the upcoming Winter Meeting of the state society. This meeting is to be held in New Orleans, with the New Orleans chapter as the host chapter.

The program was divided into two parts, both associated with Hurricane Betsy. President Cade, filling in for Mr. W. Clyde Conner of the U. S. Weather Bureau, who was unable to attend, gave a report on the weather aspects of the hurricane. Mr. Guy Sehgers, program chairman, then introduced Mr. John Fitch, who spoke on certain design criteria in relation to the measured wind velocity and the various codes. The formal program was followed by a lively discussion which included pertinent comments from Mr. Frank Fromherz regarding the actions of the Board of Building Standards and Appeals, City of New Orleans.



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Memorials

D. R. TAYLOR

Dayton Rice ("Doc") Taylor was born in Lynchburg, Virginia, March 29, 1897. He earned a Bachelor of Science degree in Mechanical Engineering from Virginia Polytechnic Institute in 1919. He was Superintendent of the Roanoke Water Works Company in Roanoke, Virginia, from 1922 to 1942. During World War II he served as Chief of Water Supply for 442 installations in seven Southeastern States in the 4th Service Command, headquartered in Atlanta, Georgia. He served in the rank of Captain and Major in the Corps of Engineers during this time. He was Assistant City Manager of the City of Roanoke from 1946 to 1947.

Mr. Taylor became General Manager of The Baton Rouge Water Works Company in 1947 and was also a member of the Board of Directors. He was a member of the American Society of Civil Engineers, a Life Member of the American Water Works Association and a recipient of the Association's George Warren Fuller Award, a member of the Executive Committee of the National Water Company Conference, member of the International City Manager's Association and a member of the Louisiana Engineering Society. He was a Registered Professional Engineer in both Louisiana and Virginia. Mr. Taylor was a Thirty-second degree Mason and a Shriner, and a member of the Elks and Rotary Clubs.

He was the author of articles published in several professional journals and national magazines and was particularly noted for his series of articles regarding the Hardy Cross method of application in determining flow and heads in pipe systems. He was a member of the First Methodist Church and resided at 1934 Columbus Street in Baton Rouge, Louisiana.

LEO V. BANKSTON.

—o—

20th Anniversary Celebrated by BR Firm

Bovay Engineers, Inc., Baton Rouge engineering firm is celebrating its 20th year of service this month.

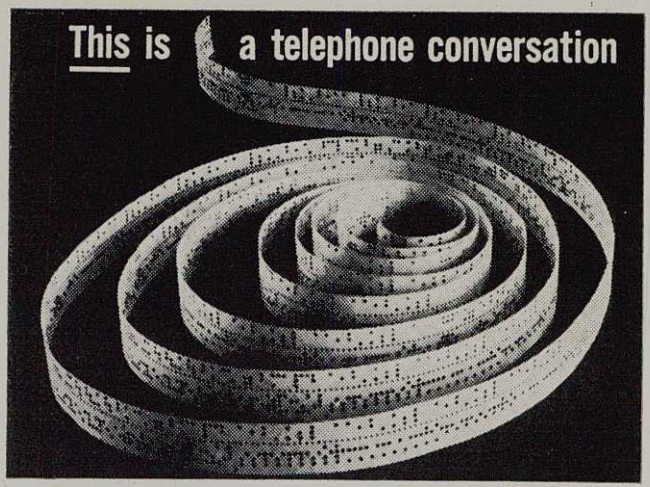
During its 20 years, the firm has executed a total of over 3,000 design assignments for 856 clients and has provided a total of over 2,500 man-years of service amounting to more than $1 billion of construction cost.

Bovay recently acquired controlling interest in an Albuquerque, N.M., consulting firm specializing in aerial surveying and photogrammetry.

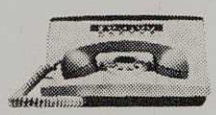
In association with other world-wide consulting groups, Bovay is presently furnishing engineering assistance for miiltary projects in Vietnam.

Bovay serves many of the major chemical and industrial firms in the Baton Rouge-New Orleans area as well as firms in the wood products industry in the Southeast.

The firm has offices in Houston, Spokane, Baton Rouge and Albuquerque.



It's "Machine Talk" — business data which has been converted into a *tone language* that can be telephoned to a distant point by Bell System DATA-PHONE service. A DATA-PHONE call, which costs no more than a regular telephone call, can send any kind of data that can be put on punched cards or tape — up to 2,500 words per minute. DATA-PHONE service can save time and money for many businesses — talk to one of our communications consultants about yours. Just call the Telephone Business Office.



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Welcome to Professional Status

The following professional engineers were granted registration January 11, 1966 by The Louisiana State Board of Registration for Professional Engineers and Land Surveyors:

Alstot, Alvin G., Oakland Park, Kansas
Babitzke, Ernst H., New Orleans, La.
Bandomer, Russell W., Cincinnati, Ohio
Bickel, George, Irving, Texas
Blum, Herman, Dallas, Texas
Bonner, Dallas L., Metairie, La.
Branch, Billy R., Shreveport, La.
Bridge, Lawrence R., Dayton, Ohio
Brevard, Horace E., Jr., Houston, Texas
Christoph, Richard W., Toledo, Ohio
Colbert, Frank L., Metairie, La.
Covington, James E., Baton Rouge, La.
Dardaman, Chris J., Monroe, La.
Decker, Gerald S., New Orleans, La.
DeNies, Robert G., Toledo, Ohio
Dooley, James E., Shelby, N. C.
Ehasz, Frank L., Long Island, New York
Elledge, Charles W., Odessa, Texas
Evans, James A., Jr., Metairie, La.
Faulkner, Wesley E., Metairie, La.
Feierabend, William E., Slidell, La.
Foy, Joseph C., Chalmette, La.
Giffels, Carl A., Dearborn Heights, Michigan
Gonte, David A., New Orleans, La.
Hsu, Bor Shung, Baton Rouge, La.
Jennings, Joe C., Prairie Village, Kansas
Johnson, Donald B., Madison, Wisc.
King, James R., Jr., Ft. Worth, Texas
King, Richard L., Memphis, Tenn.
Kiper, Bobby J., Baker, La.
Klimavicz, John J., New Orleans, La.
Littmann, Sidney A., Oak Park, Mich.
Lovelave, Gerard J., New Orleans, La.
Macdonald, James W., Jr., Kenilworth, Ill.
Mayer, William E., New Orleans, La.
Martin, Julian C., Baton Rouge, La.
McLaughlin, Paul M., Millbury, Ohio
McRoy, Wallace J., Homewood, Ala.
Messina, Richard F., Metairie, La.
Miller, Edward A., Detroit, Mich.
Moore, Carlos, F. J., San Francisco, Calif.
Moore, James G., Mobile, Ala.
Morris, John R., Cincinnati, Ohio
Newsome, Norman, New Orleans, La.
Noble, Matt A., Jr., Baton Rouge, La.
Pedison, James A., Dallas, Texas
Perez, Ernest R., Jr., New Orleans, La.
Prunty, Thomas O., New Orleans, La.
Ritts, Howard J., Jr., Dallas, Texas
Schwartz, Charles B., New Orleans, La.
Speer, Robert E., Arlington, Virginia
Storey, Arthur L., Beaumont, Texas
Summers, Winifred, L., Jr., Baker, La.
Taylor, Coy O., Shreveport, La.
Taylor, Gerald D., Monroe, La.
Threadgill, Walter L., Baton Rouge, La.
Tracey, William J., Jr., Covington, La.
Tocher, Frank L., Morris Plains, N. J.
Ussery, Harry B., Dickinson, Texas
Vann, John R., Ft. Worth, Texas
Wharton, Clyde J., Wills Point, Texas
Wilson, William E., Chenango Bridge, N. Y.
Young, Hugh H., Jackson, Miss.

To Registered Professional Engineers and Certified Engineers in Training

The Louisiana Engineering Society invites you to join the only engineering organization devoting all its efforts to the promotion of professionalism at the local, state and national levels.

If professional engineers are to achieve the professional recognition, economic advancement and social prestige they rightly deserve, they must join together in a strong united organization to educate the public, the employers of engineers, leaders in Government and all opinion-forming groups on the merits of the engineering profession.

Write to the Executive Secretary, Louisiana Engineering Society, 833 Howard Avenue, New Orleans, Louisiana, 70113 for information and application forms.

JOIN NOW! The Society needs your support and your Profession deserves it!

EJC Notes

Clarence H. Linder — engineering consultant, charter member of the National Academy of Engineering and past president of IEEE — has been elected President of Engineers Joint Council for 1966.

EJC is a federation of twenty-six national engineering societies having a combined membership of more than one-half million engineers.

He assumed office January 16, 1966, along with three elected vice presidents: Dr. William J. Harris, Jr., assistant to the vice president, Battelle Memorial Institute; Rolland S. Stover, president, R. S. Stover Company; and Richard H. Tatlow, III, president and director, Abbott, Merkt & Company. Mr. Tetlow was re-elected for a second term.

Clarence H. Linder, a retired vice president of General Electric, was among those instrumental in merging the Institute of Radio Engineers with the American Institute of Electrical Engineers to form the Institute of Electrical and Electronics Engineers, the largest engineering society in the country. He is a member of the American Society of Mechanical Engineers, the American Society for Engineering Education, and the National Society of Professional Engineers. He served on the boards of the Engineering Societies Library and Engineering Foundation. His association with General Electric, which began in 1924, had extended throughout his career.

Engineers Joint Council serves as a focal point for professional activity by its twenty-six member national societies. It is involved in a broad range of programs affecting the engineering profession as a whole.

State Technical Services Act Signed

Four representatives of the National Society of Professional Engineers were on hand at the White House to witness the President sign into law the State Technical Services Act and to receive pens used by the President in signing the bill.

J. Neils Thompson, P. E., president of NSPE, and Dean Donald E. Marlowe, P. E., chairman of the Legislative and Government Affairs Committee, accompanied by two members of NSPE's Washington staff, were invited to attend the ceremony in recognition of the active role played by NSPE in the development of the legislation.

Referred to by the President as the "sleeper" of the 89th Congress, the State Technical Services Act authorizes federal funds to assist the States in establishing programs to disseminate scientific and technological information to business and industry, primarily through colleges and universities with engineering, business administration, and applied science programs.

NSPE actively supported passage of the legislation, and was particularly involved in development of language in the Act aimed at stimulating and assisting maximum dissemination of current engineering and scientific information to industry through federally assisted state programs while guarding against unfair competition with private enterprise.

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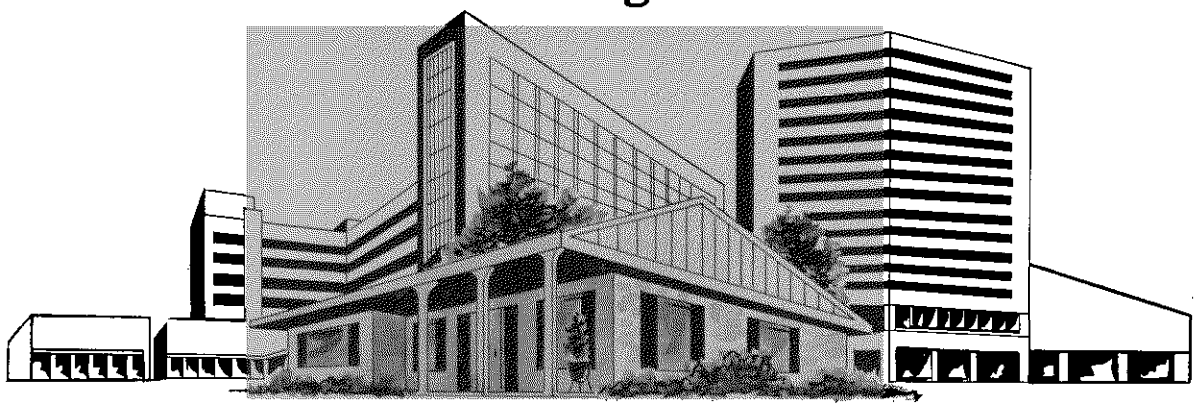

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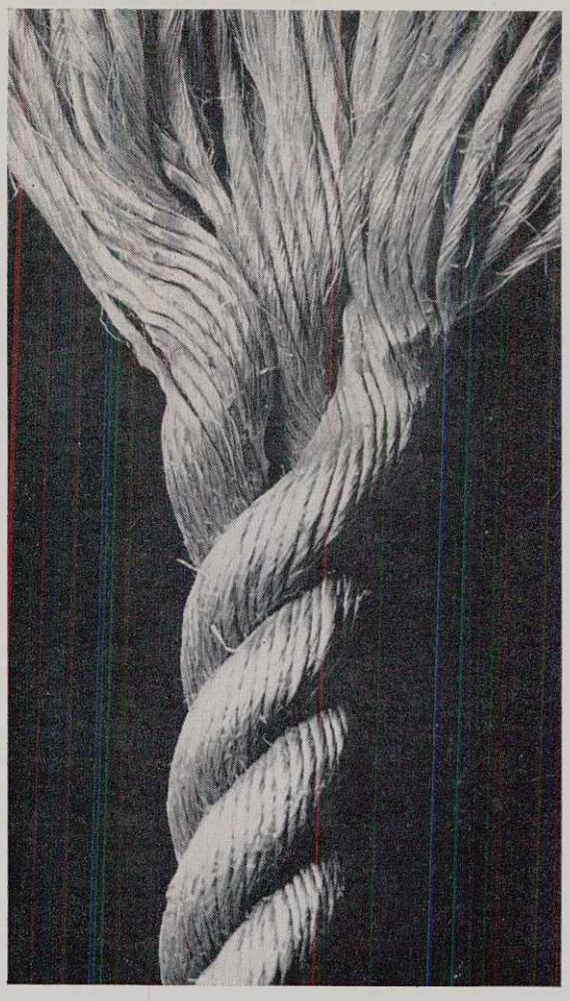

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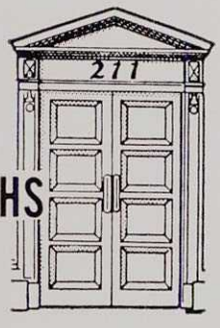

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ASCET Regional Meeting

The Southwestern Regional Meeting of the American Society of Certified Engineering Technicians will be held at the Hotel America in Houston Saturday, March 12, 1966, it was announced by H. E. Houlgrove, SW Fegion Vice President.

The Program will include speakers from ICET, NSPE, and Industry, as well as the problems involved in Chapter formation. Ann Engineering Technicians in the SW Region are invited to attend and participate. Professional Engineers in the Region are extended an open invitation to attend, observe the Society, and meet the Executive Committee.

Registration is $6.00 including luncheon, and advance registration sroould be mailed to the Houston Chapter, ASCET, 6666 Chetwood, Apartment 213, Houston, Texas, 77036.

—o—

A. M. Lockett Makes Changes

For over sixty-five years A. M. Lockett & Company, a wholly-owned subsidiary of The Babcock & Wilcox Company, has operated as a contracting, engineering, and sales organization in the Southwest, and has represented The Babcock & Wilcox Company and Worthington Corporation on various product lines. By the end of 1965, both Babcock & Wilcox and Worthington will assume the responsibility for the sale of their products in this area, thus making it possible for A. M. Lockett to devote its entire resources to shop fabrication, engineering, and contracting activities.

Our modern facility, located in suburban New Orleans, Louisiana, will specialize in engineered equipment packages such as skid-mounted gas engine compressor units, fuel oil pumping and heating sets, and similar equipment. Our Enginering Department, located in New Orleans, will offer services an a consulting basis to industrial concerns in the Southwest. In combination with the Erection Department of Babcock & Wilcox, we will offer our services for the design, layout, and installation of equipment for industry in this area.

Madden Named VP of W. S. Nelson and Co., Inc.

Henry I. Madden, E.E., became the fourth principal of the firm upon his election to the office of Vice President. Waldemar S. Nelson, firm President, stated that Madden's new office would enable him to apply his extensive engineering and administrative experience to a large area of company operations which could benefit both the firm and its clients.

Madden is the chief electrical engineer of the firm and has experience since 1940 in his profession. He is a graduate of Tulane and has taken advanced courses in electrical engineering at Carnegie Institute of Technology.

Madden is intensely interested in automation and the electronic computer center. He finds the "stimulation of interests beyond my own field" the most rewarding aspect of his work with the computer center. In developing and refining such computer programs as ANALYSIS OF WAVE FORCES ON OFFSHORE STRUCTURES, ANALYSIS OF BEAMS WITH YIELDING SUPPORTS, DRAINAGE JUMP STATION OPERATION, SURVEY CALCULATIONS and other non-electrical program's work branched into areas of mechanical and civil engineering.

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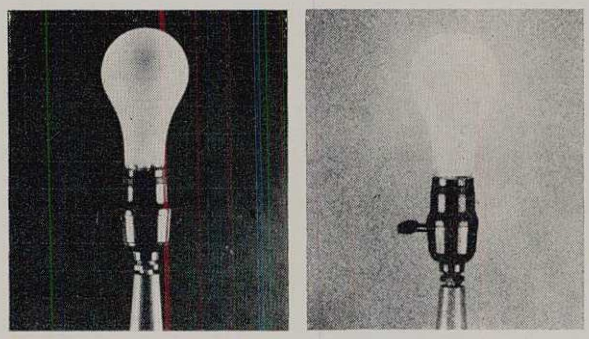

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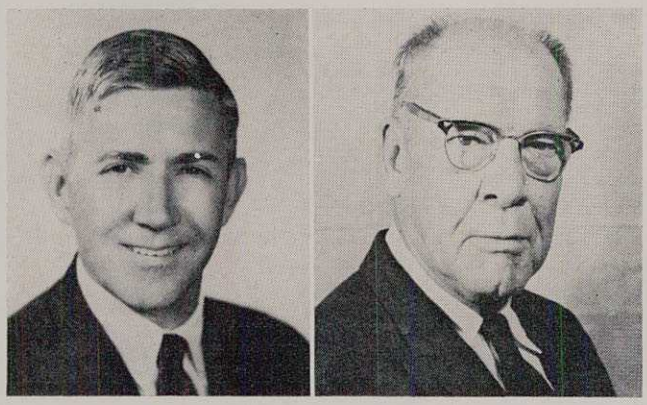
Port of New Orleans Names Chief Engineer



JOHN B. GIDDENS WILLIAM T. HOGG

The Board of Commissioners of the Port of New Orleans has named John B. Giddens, Jr., as port chief engineer and head of the Board's engineering department, succeeding William T. Hogg, who retired December 31 after 43 years' service with the Board.

Giddens, prior to his appointment, had served the Board as design and chief construction engineer.

The Board also announced other personnel changes among its engineering staff, chief among which was the promotion of Paul L. Andry, Jr., as assistant port engineer.

Mr. Hogg is a life Member of the Louisiana Engineering Society, while Mr. Gidden and Mr. Andry are active in Society activities.

Giddens, port chief engineer, joined the Board's engineering department in 1951. The Clarksville, Texas, native, is a graduate of Tulane University.

Andry joined the Board in 1960. A 1924 Tulane University graduate, he had formerly been associated with the firm of Bedell and Nelson, as well as other professional engineering firms.

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Looking Back — 50 Years Ago

Excerpts from the February 1916 issue of The Proceedings of the Louisiana Engineering Society.

The Smoker—Over 100 members and guests gathered at the Cosmopolitan Hotel full of cheer and eager with curiosity to know what speakers and stunts had been prepared. Minstrel shows, complete with costumes, entertained the assemblage with a succession of songs and jokes, grid-ironing many of the members of the Society and poking fun in a good-natured way at them for some of their most prominent characteristics.

The Library Committee has done excellent work in collecting a good working library, and has under execution at present improvements to the library and furnishings at the Presbretry Headquarters which will give the Society a meeting and study room which will be a pride to the membership.

From the Address of Retiring President L. C. Datz. "A local engineering society, such as ours, can do much to aid in increasing the public estimate of the profession, and to hold it there. A local society, such as ours, can do everything to make it worth while to be a member. I do not doubt that the question is often asked by you, especially when you are writing your check for dues, 'What do I get out of the society to justify my membership therein, and as a return for the dues I pay?' I consider that one of the greatest benefits derived from the society is the meeting of, and mixing with other engineers, getting that criticism and discussion advanced by them on papers read and afterwards published."

Membership is at an all time high of 236 members in all grades with 57 new members elected in 1915. Income or 1915 totalled $3,593.03 and expenditures totalled $2,938.12, leaving a cash balance of $651.11, more than double any previous years balance. All officers and committees were commended for their efforts and cooperation in promoting the Society and its activities.

MEETING DATES TO REMEMBER

April 1, 2—NSPE - PEI Workshop
Houston, Texas

April 28-30—SW Regional PEG Workshop
Dallas, Texas

May 6, 7—LES Officers Indoctrination Conference
Lake Charles

May 10—Louisiana Legislature Convenes
Baton Rouge

July 5, 6—NSPE Constitutional Convention
Minneapolis, Minn.

July 6-9—NSPE Annual Meeting
Minneapolis, Minn.

July 22, 23—LES Annual Meeting
Baton Rouge

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Barnard and Burk, Inc., Baton Rouge consulting engineering firm, has been rated as one of the top 20 largest engineering firms in the country.

A comprehensive study of some 7,000 consulting firms in the United States conducted by Engineering News-Record magazine revealed that Barnard and Burk ranked 17th.

The designation was accorded the Baton Rouge firm in the Dec. 16 issue of the magazine in its first annual summary of the Top 500 Design Firms.

Ratings were made in terms of annual billings for services. The firm's billings were between $5 and $10 million dollars.

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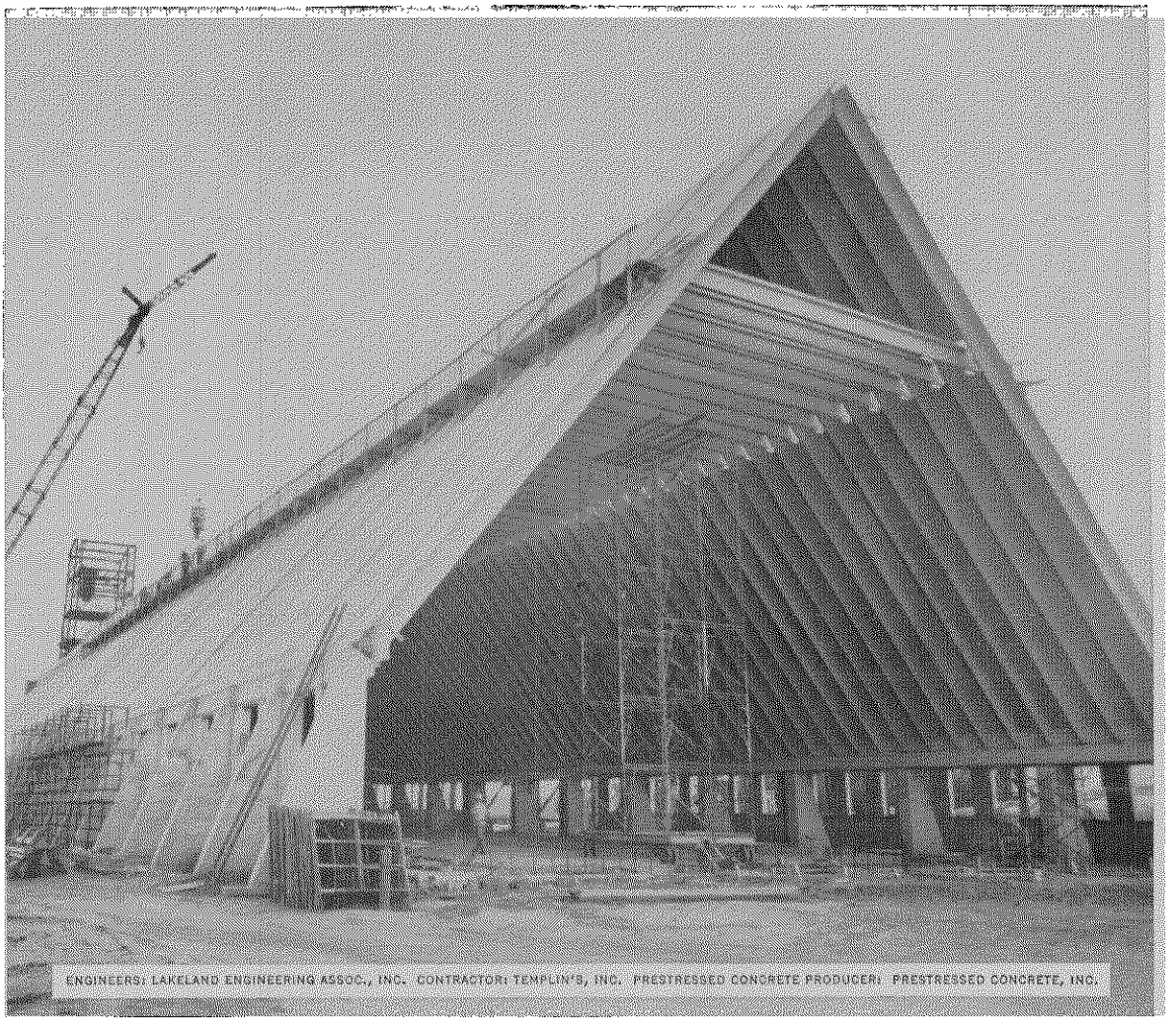

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The prestressed concrete double-T's of the inclined roof are 8 feet wide, achieve a span of 75 feet. The hollow flat slabs for the flat roof are also prestressed. Anchored to cast-in-place concrete side walls, the prestressed members bear the entire roof load. No interior columns are needed. To provide the maintenance-free advantages of an all-concrete building, end walls are concrete masonry.

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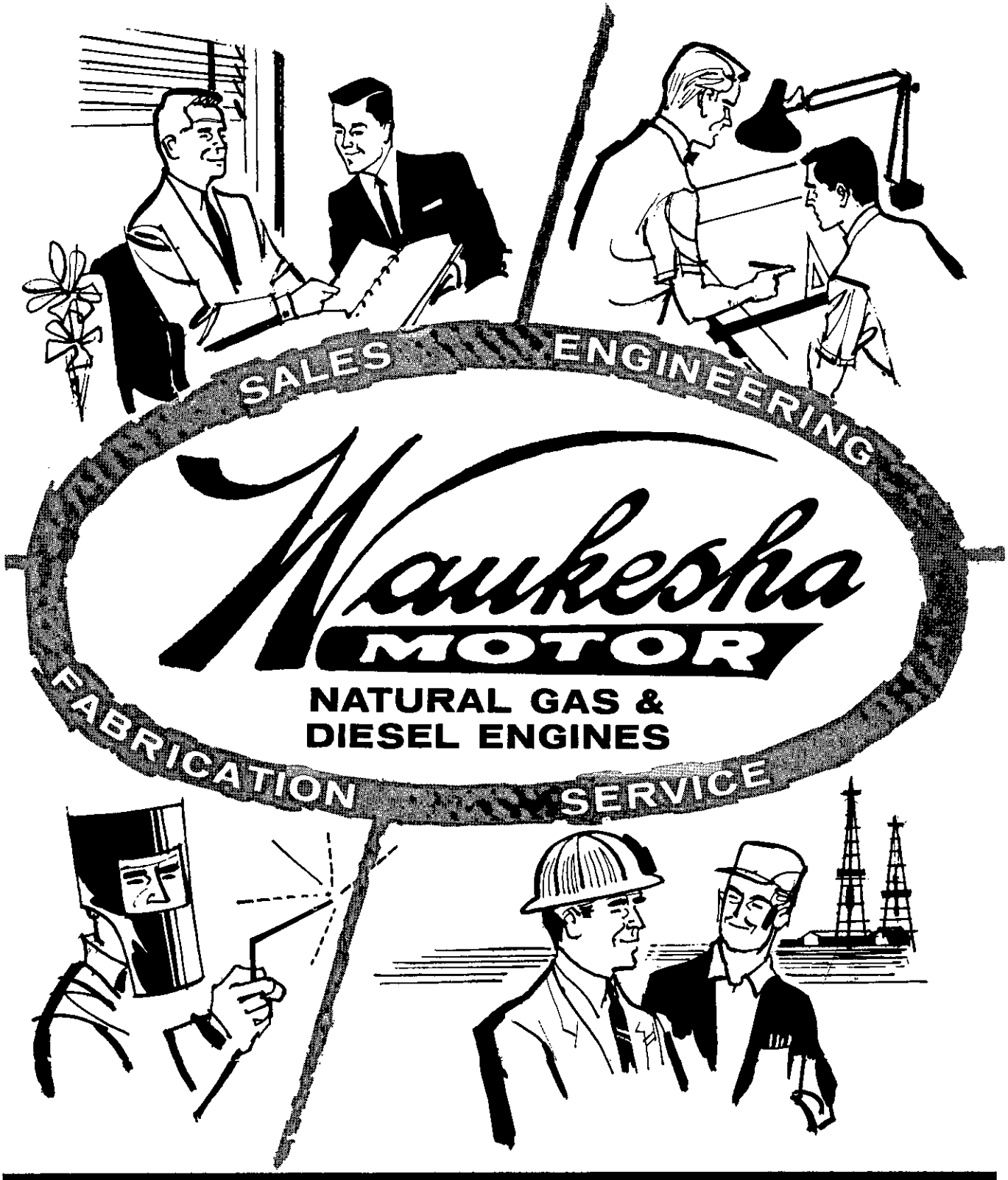

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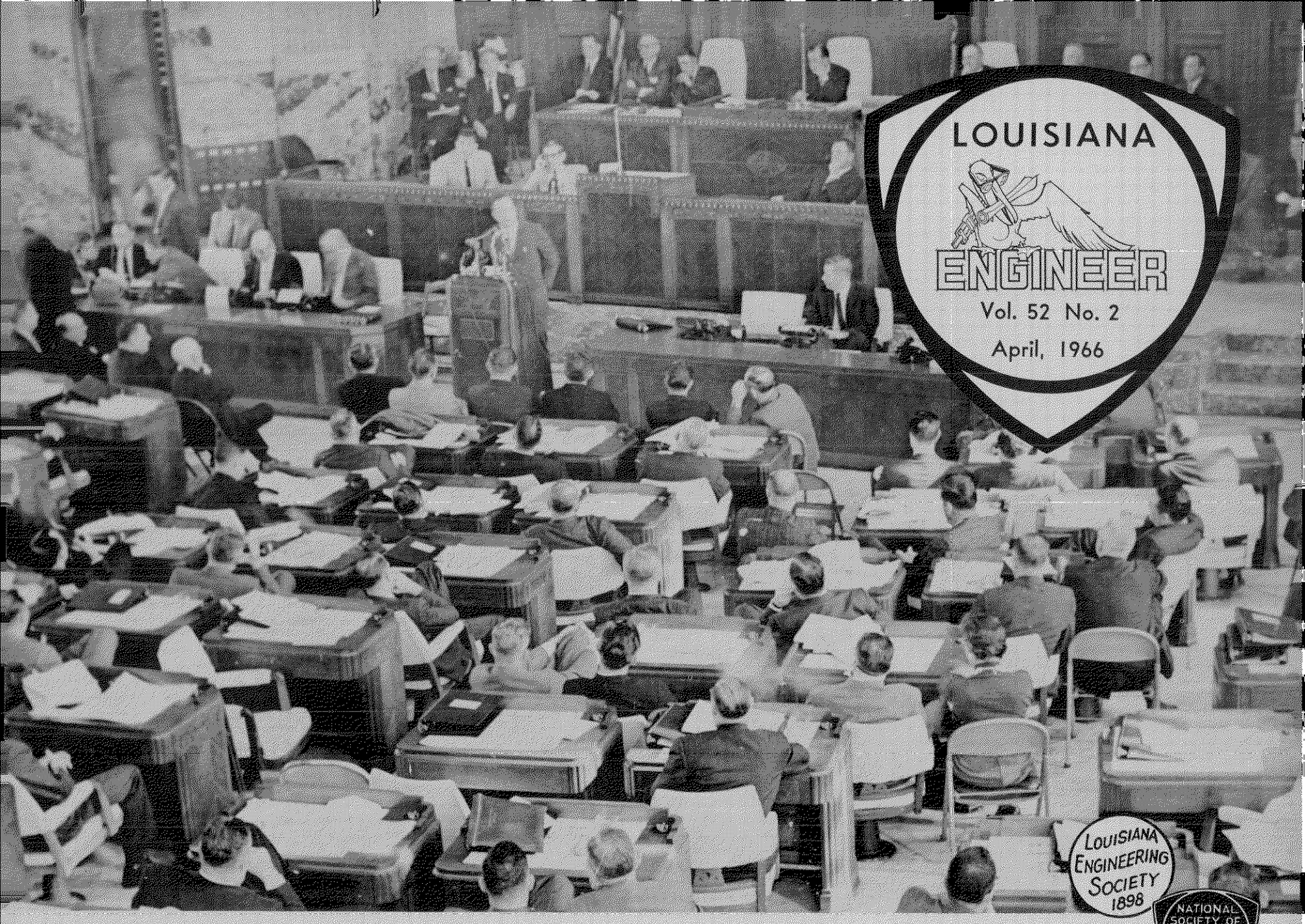

LOUISIANA ENGINEER

Vol. 52 No. 2
April, 1966

LOUISIANA ENGINEERING SOCIETY 1898

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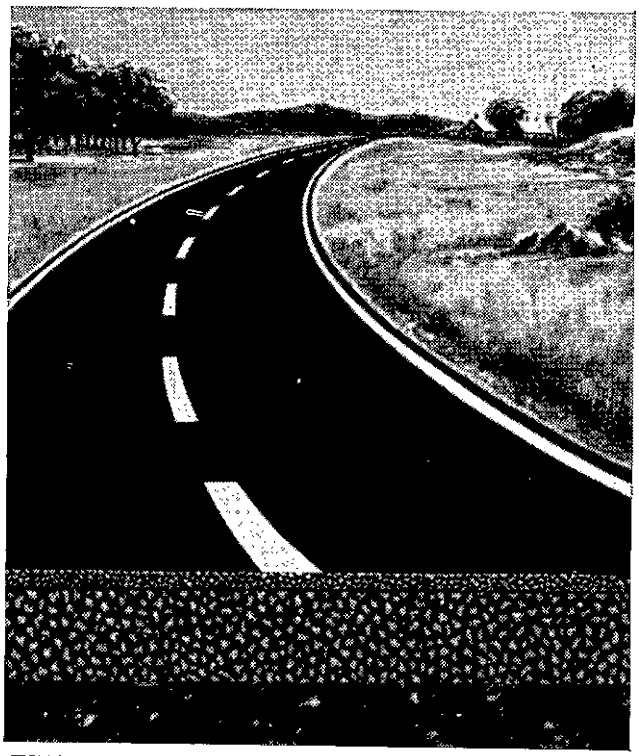
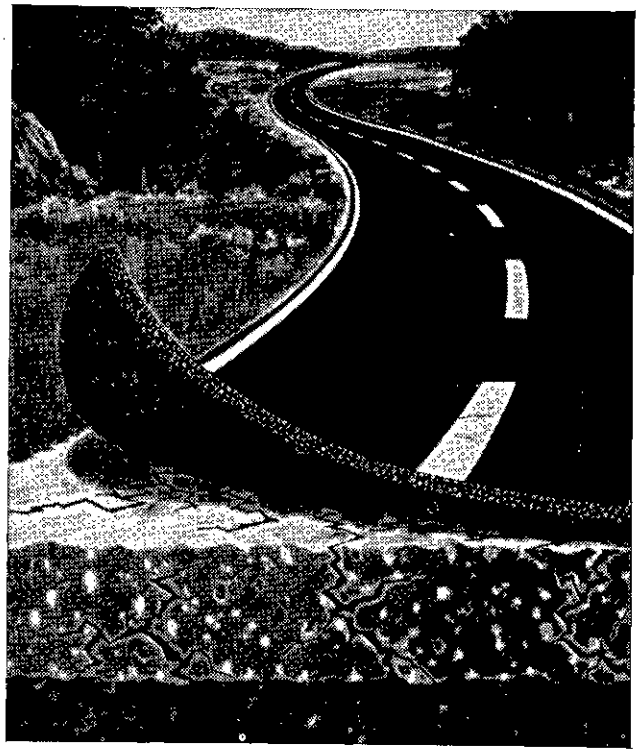
The Legislative Process . . . . .

Next time specify modern Deep-Strength* Asphalt-base construction...



THE ECONOMICAL ANSWER to cracking low-type cement bases (soil-cement and cement-treated bases) is modern Deep-Strength Asphalt construction. In addition to being stronger and more durable, as proved in the AASHO Road Test, modern Asphalt-base pavements can be built faster and easier and are less costly to build and maintain. They also are water- and frost-resistant, do not lose strength during the critical spring-thaw period, and they are unharmed by de-icing salts.



CEMENT BASE BREAK-UP is usually the real problem at the bottom of crack reflection. Cement-treated bases develop shrinkage cracks which eventually reflect through the protective riding surface. As these cracks increase in number and size, surface water enters, thereby causing more distress from instability and freeze-thaw action. Stronger, economical all-Asphalt pavement construction in the first place is the common-sense answer to all road- and street-building problems.

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THE LOUISIANA ENGINEER

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The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society and of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and is published in February, April, June, August, October and December. Subscription $2.00 per annum; single copy 50 cents.

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Address LES Communications and Change of Address Forms to Earl Martin, Jr., Executive Secretary, 833 Howard Ave., New Orleans, La.

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ABOUT THE COVER

The 1966 Legislative session will begin on May 9 in Baton Rouge. Much legislation is planned that will affect all citizens of Louisiana and the continued growth and prosperity of the state. Engineers from all areas, representing all disciplines, must become involved in "the Legislative Process." See article page 18.

ANNUAL MEETING EXHIBITS

Information about exhibit space available and costs may be obtained from the state office or Mr. Ken Daspit, 11725 Fairhaven Drive, Baton Rouge. Home phone 924-6570 or office phone 775-4330.

Officiers Conference Set

LES President Charles W. Stokes, P.E., announced the annual Officers Conference is scheduled for Friday and Saturday, May 6 and 7, at the Chateau Charles Motel in Lake Charles. "The purpose of this meeting is to indoctrinate newly-elected chapter officers on the major duties and responsibilities in conducting chapter activities," Stokes said.

Professional engineers from all over the state will participate in discussions on chapter public relations, membership promotion, administrative duties, and professionalism.

For All LES Members

This is a regular meeting of the Society, and **all** LES members are invited to participate, especially members of state and chapter committees whose work largely determines the success of any chapter administration.

The sessions will begin on Friday with a meeting of the Board of Direction at noon, followed by various Functional Section and Committee meetings. At 4:30 p.m. Eugene Sellers, P.E., Lafayette Chapter President and LES delegate to the NSPE Documents Committee, will review the proposed revisions to the NSPE Constitution. Cocktails and dinner for members and their wives at the Lake Charles Country Club will conclude the day's events.

On Saturday, Frank Walk, P. E., of New Orleans, will discuss Chapter Public Relations and Engineers Week activities at 8 a.m. At 9 a.m. state Membership Committee Chairman Gus Quinn, P.E., Lake Charles, will discuss membership promotion and retention.

President-elect Louis Duclos will lead discussion of the duties and responsibilities of Presidents and Vice Presidents and directing committee work. President Stokes will talk on administrative goals and the use of Executive Boards.

Chapter Secretary-Treasurers will be advised of their duties and responsibilities by John Vogt, P.E., LES Secretary-Treasurer, and John Fernandez, P.E., National Director.

At 11 a.m. Saturday, John T. Knight, P.E., and others of the Council of Past Presidents will advise chapter officers on the value and use of the Chapter Evaluation Program. This program is designed to acquaint chapter officers and committee chairmen with the responsibilities and potentialities of their role in the life of their chapter.

Following the noon luncheon, Councilman John Porche, P.E., of the Lake Charles City Council will address the conferees. Adjournment is set for 2:15 p.m.

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In the near future all second and third class mail —which includes this magazine—MUST be Zip-Coded. So, if we don't have your Zip code—or if it's incorrect—please notify the LES office right away, so you won't miss an issue of The Louisiana Engineer.

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NSPE Constitution Documents Committee Report

Eugene M. Sellers, P.E., President of the Lafayette Chapter of the Louisiana Engineering Society was appointed to serve on the National Society for Professional Engineers National Convention and Documents Committee, according to a telegram received today from the National Headquarters of National Society of Professional Engineers.

The purpose of this selective national committee is to prepare convention documents and working papers for the National Constitution Convention which will be held in Minneapolis, Minnesota on July 5 and 6, 1966.

The committee consists of 4 Chapter Presidents throughout the nation, together with 6 State Presidents and 6 National Society for Professional Engineers Committee Chairmen. In addition, 4 Functional Section Chairmen, together with 13 National Directors, are presently in session.

Mr. Sellers is a professional civil engineer and is active in the Louisiana Engineering Society and the National Society of the Professional Engineers. Mr. Sellers is affiliated with Eugene M. Sellers and Associates with offices located in Abbeville and Lafayette.

I would like to take this opportunity to thank you for your confidence in me by recommending my appointment to the Constitutional Convention Documents Committee of NSPE. This has been one of the most interesting and rewarding experiences for me since my association with the society.

The committee, composed of thirty-eight members of which thirty-seven were present, met in Saint Louis on February 11 and 12, 1966. A document was prepared at this meeting which met the approval of at least two-thirds of those in attendance, for the consideration by the delegates to the constitutional convention to be held in July. This document will be prepared in detail and forwarded to all State Presidents, State Secretaries, Chapter Presidents and Chapter Secretaries. I have requested that twelve additional copies be sent to the state office for further distribution by you. Since this document will not be ready or mailed until approximately March 1, I am submitting to you the most discussed and important changes that took place.

The most discussed item was that of membership which required the entire first day and well into the night. The final decision of the committee is shown in Article V.

Article V—Membership

Section 1—Membership in the National Society shall be designated as Member, Associate Member, Surveyor Member or Student Member.

Section 2—All members other than Student Members shall have voting privileges in the National Society except that only Members may hold office and Members as defined by Section 3 (a) (1) may vote on constitutional changes.

Section 3—

(a) **Member**—A Member shall be defined as:

(1) A person holding a valid license or certificate of registration as a professional engineer, issued under the laws of any state, territory, possession or district of the United States, or a province or territory of Canada; or

(2) A person who:

(a) Is of high moral character;

(b) Has graduated from an engineering curriculum accredited by the Engineers' Council for Professional Development;

(c) Has not less than twelve years of acceptable engineering experience;

(d) Is a member of an engineering society in a grade approved by the Board of Directors.

All of which is acceptable to a state society admissions board.

No person shall be accepted for membership under the provisions of paragraph 3(a)(2) after January 1, 1978.

(b) **Associate Member**—An Associate Member shall shall be defined as a person of high moral character who is:

(a) A certified engineer in training; or

(b) A graduate engineer actively pursuing an engineering career or engaged in post-graduate engineering study.

An Associate Member will be permitted to remain in this classification for no longer than twelve years and shall advance to the Member grade as soon as eligible by registration.

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NSPE Comm. Report — Continued

(c) **Surveyor Member**—A Surveyor Member shall be a land surveyor licensed to practice in any state or territory of the United States.

(d) **Student Member**—A Student Member shall be defined as an undergraduate engineering student.

Section 4—Members may obtain, or retain, membership in the National Society only through a state society; except an individual residing outside the United States, or residing in a state whose member state society does not provide eligibility for membership as provided in this Constitution may become a Member at Large of the National Society. An individual may be a member of any number of member state societies.

Section 5—A member may be expelled from the National Society or otherwise disciplined for cause as provided in the By Laws.

Mr. Charles W. Stokes, P.E. February 14, 1966

The by-law which pertains to dues collection reads as follows: "The National Society may collect dues for individual members at the request of any State Society. The National Society will remit to the State Societies monthly lists of members for whom dues are collected, together with the State and Chapter dues for these individuals."

For all practical purposes the remaining portions of the documents were not changed from what was presented at the winter meeting in Miami.

Being closely associated with the student chapter here at USL, it is evident that the student members do not wish to join the National Society because of the dues required. The present proposed constitution requires $1.50. A discussion followed and it was the consensus of opinion of those present that it should be included in the by-laws but perhaps waived by a board of directors action. This will allow a student to receive the publication and be a student member of NSPE without payment of dues. I believe that this would be an asset to the student and to the society by creating an incentive for the student member to continue his membership in NSPE upon graduation.

Very truly yours,
EUGENE M. SELLERS, P.E.
President, Lafayette Chapter
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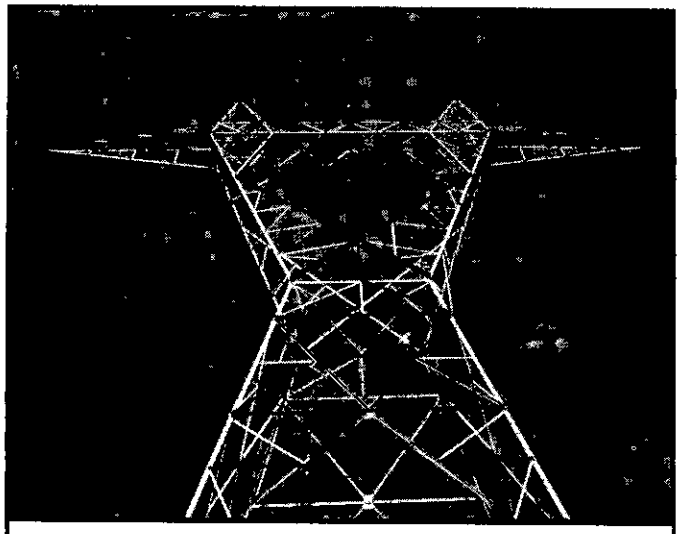

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E. M. Freeman Is Presented Engineers Award

The first annual award of the Engineering and Scientific Council of Shreveport was presented here last night to a man described as the "Father of Engineering" in the Shreveport area, Ernest Maynard (Jiggs) Freeman.

The presentation was made at a banquet at the East Ridge Country Club which concluded the fourth annual local meeting of area engineers to observe National Engineers' Week.

Freeman, a native of Dallas, Tex., was cited for his "technical ability" and an "unselfish devotion to his profession and to his fellowman."

He attended public schools in Marshall, Tex., and graduated from Texas A&M University in 1922 with a B.S. degree in civil engineering.

Early in his career here he was associated with Mosher Steel Co. and the late architect, Edward F. Neild Sr., after which he entered private practice in 1930. He has continued this practice to the present and his work has included many important civil engineering projects in the five-state area of Arkansas, Mississippi, Louisiana, Texas and Oklahoma and the structural design of almost every major building in Shreveport.

He has been active in many engineering organizations and served as president of the Louisiana Engineering Society, the Louisiana Institute of Civil Engineering and the Louisiana Section of the American Society of Civil Engineers.

He organized and served as the first president of the local chapter of the Louisiana Engineering Society and has been distinguished as a Fellow of the American Society of Civil Engineers.

He and his wife, Mildred, are members of St. Paul's Episcopal Church. His activities in civic and fraternal organizations include the Shreveport Rotary Club, the Chamber of Commerce, the American Camellia Society, Scottish Rite Masons, El Karubah Temple of Shriners, Broadmoor Lodge F.&A.M., and the Norwela Council of the Boy Scouts.

His alma mater has cited him for his professional skill and he has served as president of the Texas A&M Former Students Association.

R. O. Beckham, Shreveport Chapter President congratulates E. M. (Jiggs) Freeman for award.

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NELSON HEARD ON RADIO NEWS FEATURE

Engineering Education and Practice Discussed

Waldemar S. Nelson was heard recently on the WWL Radio News Feature VIEWPOINT. Nelson appeared on the program upon his return from the Winter Meeting in Miami of the National Society of Professional Engineers which he attended as a National Director from Louisiana. Nelson discussed various aspects of engineering education and practice with Fred Hammond WWL Radio news director and moderator of the program.

Nelson was first asked his opinion of a statement by the science editor of the New York Times, who considers the image of engineers that of a conservative, prejudiced, non-involved group. Nelson said that this image, like many others, was distorted, and branded it as false. Engineers are involved more deeply in civic affairs than many other groups, Nelson replied, because of the profession's role in meeting the physical needs of the people and accommodating community growth. Engineers are intimately involved in community progress, Nelson said. Hammond concurred and added that material growth would of course be impossible without the professional skills and knowledge of the engineer. He is the 'mainstay' of progress, Hammond told his audience.

The advances in engineering technology which have necessitated the expansion of engineering curricula as recommended by the NSPE at its Winter Meeting was the next topic. Hammond, who had recently flown over the Grand Isle Offshore Sulphur Mine cited this project as an example of engineering progress. Nelson replied that this and any offshore drilling and production operation would have been considered impossible 20 years ago but are feasible now because the engineering profession met the difficult challenges of designing such structures.

Hammond remarked that few people understood the role of the engineer in society and that many confused the function of the scientist with that of the engineer. Nelson defined the engineer as one who applies scientific concepts to practical problems of construction design. Hammond commented that scientists were given most of the credit for the advances in space flight and success of the nation's space program when the credit should go to the engineers who applied scientific theory successfully to the complex mechanics of space flight.

Nelson was asked to present the position of NSPE regarding the educational needs of engineers and its recommendations as to an adequate curriculum for the modern engineer. The practice of engineering is infinitely more complex, difficult and demanding than ever before, Nelson replied. Engineering technology has advanced to the extent that professional practice today encompasses skills and services hardly contemplated a few years ago. Consequently the educational requirements must be changed and additions made to the curricula so the profession will be able to meet the new demands being made upon it. He stated that these changes were a major topic at the Winter Meeting of the NSPE, and a source of some controversy. One educational need which has been recognized for some time is the necessity for more economics and liberal arts in the engineering curricula. These additions are necessary so that well rounded engineers, capable of forming sound professional judgements will be graduated from the nation's universities.

There is an additional need, Nelson said, to incorporate more technical courses into the curricula. This tends to lengthen the period of engineering education. A conflicting consideration, he reminded, is the current shortage of engineers because of the heavy demand in the space and defense industries. Because of this consideration, a two point program was recommended and approved by the NSPE.

1) A four year program leading to a BS in engineering, but with no field specified.

2) A five-year course leading to an MS in engineering with a major field specified.

Nelson said that university faculties maintained close liason with NASA so that engineering courses can be adjusted to that agency's requirements. He added that the NASA operations at Michoud and the Mississippi Test Site have caused local engineering graduates to remain in this area and contribute to this economy rather than moving elsewhere to practice.

In conclusion Nelson stated that the future for the diligent young engineer was never brighter.

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TO ALL MEMBERS OF THE LOUISIANA ENGINEERING SOCIETY

In accordance with Article III, Section 2, of the LES Constitution, which reads —

"The Chairman of the Nominating Committee shall report the names of the nominees to the Board of Direction not less than two (2) months before the end of the administrative year."

The Board of Direction accepted this report at its regular meeting in March. This notice shall be considered the official notice to the membership of the nominations made by the Nominating Committee.

For President-elect — Edward J. McNamara

For Vice President — Leo M. Odom

For Sec'y-Treasurer — John F. Vogt (present incumbent)

For N.S.P.E. Director — Waldemar S. Nelson (present incumbent)

For State Directors — Marshall B. Ewing vice Leo M. Odom
Michael J. Cade vice Roy E. Johnson

Constitutionally, the President-elect will become President.

"At any time prior to forty-five (45) days before the end of the administrative year, any twenty-five (25) or more members may send to the Secretary-Treasurer additional nominations for any elective office for the ensuing year, signed by such Members.

The list of nominees shall be submitted to the membership by letter ballot at least thirty days before the end of the administrative year."

Respectfully submitted,

Nominating Committee
J. T. Knight, Jr., P.E. Chairman
Calvin T. Watts, P.E.
Dr. Wayne P. Wallace, P.E.
Dr. Frank McDonald, P.E.

WANTED: BOOKS

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D. W. Onan & Sons—Electric Generators
Ingersoll-Rand—Air Compressors to 150 H.P.
Gorman-Rupp Co.—Industrial & Marine Pumps
Kenco Pump Division—Submersible Sump Pumps
Continental Motors Corp.—Gasoline & Diesel Engines (Shreveport only)
Pacific Pumping Co.—Sewerage & Sump Pumps
Tex-Vit Packaged Sewage Lift Stations

Welcome to Professional Status

The following professional engineers were granted registration January 11, 1966 by The Louisiana State Board of Registration for Professional Engineers and Land Surveyors:

FEBRUARY 9, 1966

Aiken, Samuel N., Albuquerque, N. M
Ammersbach, Karl G., New Orleans, La.
Argenbright, Kenneth A., Dallas, Texas
Berry, Johann R., Shreveport, La.
Betancourt, Noel J., New Orleans, La.
Fields, William W., Bayside, N. Y.
Foster, Joe D., Jr., Dallas, Texas
Graham, Francis D., Chesapeake, Va.
Grannis, Charles O., Miami Shores, Fla.
Harper, Wesley L., Metairie, La.
Jackson, Melvin W., Las Vegas, Nevada
Lauchley, Henry H., Jr., Jackson, Miss.
Lefner, Delvin J., New Orleans, La.
Mayfied, Jimmy G., Kenner, La.
McCarthy, Frank W., Shreveport, La.
Murray, Herbert L., Wake Village, Texas
Nachtsheim, Marvin G., Palo Alto, Calif.
Nottberg, Henry Jr., Shawnee Mission, Kan.
Paulk, James L., Jackson, Miss.
Piner, Dick H. Jr., New Orleans, La.
Rearick, John S., Kansas City, Mo.
de los Reyes, Rafael E., Baton Rouge, La.
Rodgers, James, Baton Rouge, La.
Snow, William E., Jr., Baton Rouge, La.
Stewart, Don H., Monroe, La.
Wibker, Roland S., Jr., Shreveport, La.
Williams, Raleigh J., New Orleans, La.
Williamson, Edward F., Bogalusa, La.

MARCH 9, 1966

Ackermann, K. G., Birmingham, Ala.
Adkins, Joe Lacy, Portsmouth, Va.
Allen, David P., Houston, Tex.
Alliss, Adli A., Norfolk 18, Va.
Bartlett, Albert L., Lafayette, La.
Bolton, Boyce B., Lafayette, La.
Braswell, James W., Monroe, La.
Brown, William H., Shelbyville, Ky.
Callaway, Richard O., Venice, La.
Carothers, Donald B., Albuquerque, N. M.
Cook, Robert L., Tyler, Tex.
Davis, W. Gerald, Baton Rouge, La.
Dobbs, Earl S., New Orleans, La.
Durham, Clarence, Tyler, Texas
Fenelon, Robert L., Westport, Conn.
Frazier, William F., Alexandria, La.
Gold, Harvey L., Lafayette, La.
Hanna, Harry C., Morgan City, La.
Hietala, Walter E., Floral Park, N.Y.
Houston, II, George A., Midland, Texas
Hunt, John C., Decatur, Ga.
Kelly, Robert F., Gretna, La.
Laborde, Maurice J., Arabi, La.
Landry, Paul L., Kaplan, La.
Leveque, Henri A., Metairie, La.
Levith, Raymond D., New Orleans, La.
Little, Clyde, Houston, Texas
Logothetis, Costas J., Albuquerque, N. M.
Miller, Kenneth R., Pascagoula, Miss.
Naeyaert, Roger S., Grosse Pointe Woods, Michigan
Neufeld, Saul, N. Miami Beach, Florida
Orr, Charles K., New Iberia, La.
Payne, Judge W., Augusta, Ga.
Pere, John H., Monroe, La.
Peterson, Carl H., Jr., Fort Lauderdale, Florida
Rester, William O., New Orleans, La.
Richards, James P., Metairie, La.
Rowe, Donald R., New Orleans, La.
Simrall, Harry C. F., Starkville, Miss.
Splawn, Isaac J., Dallas, Tex.
Stewart, Donald L., Houston, Texas
Townsend, Lee T., Baton Rouge, La.
Wainwright, Sam H., Dothan, Ala.
Wait, Harold V., Jr., Baton Rouge, La.
Walker, Jack R., Tyler, Texas
Walsh, Daniel S., Shreveport, La.
Ward, William V., Houston, Texas
Wheeler, Lawrence J., North Branch, Minn.
Williamson, Harold R., Baton Rouge, La.
Wilson, Glenn J., New Orleans, La.
Wolin, Robert H., Avon, Conn.
O'Quinn, A. W., Denham Springs, La.
Spence, Donald B., Baton Rouge, La.
Wheat, James R., Baton Rouge, La.

To Registered Professional Engineers and Certified Engineers in Training

The Louisiana Engineering Society invites you to join the only engineering organization devoting all its efforts to the promotion of professionalism at the local, state and national levels.

If professional engineers are to achieve the professional recognition, economic advancement and social prestige they rightly deserve, they must join together in a strong united organization to educate the public, the employers of engineers, leaders in Government and all opinion-forming groups on the merits of the engineering profession.

Write to the Executive Secretary, Louisiana Engineering Society, 833 Howard Avenue, New Orleans, Louisiana, 70113 for information and application forms.

JOIN NOW! The Society needs your support and your Profession deserves it!

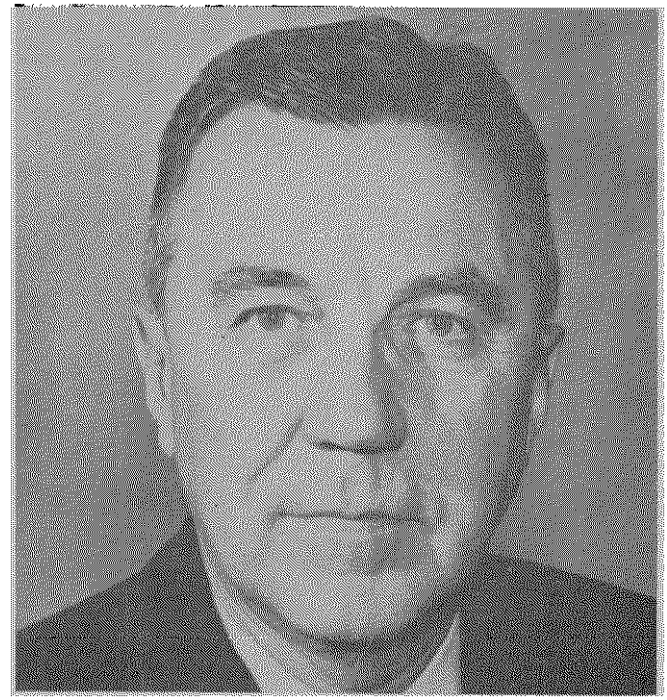
State Registration Board Appoints Dan Vilet Executive Secretary

Dr. Jesse Coates, P.E., newly-elected Chairman of the State Board, announced the resignation of Dr. Frank W. McDonald, P.E. as Executive Secretary to the Board, and the appointment of Dr. Daniel H. Vliet, P.E. as new Executive Secretary.

Dr. Dan Vliet

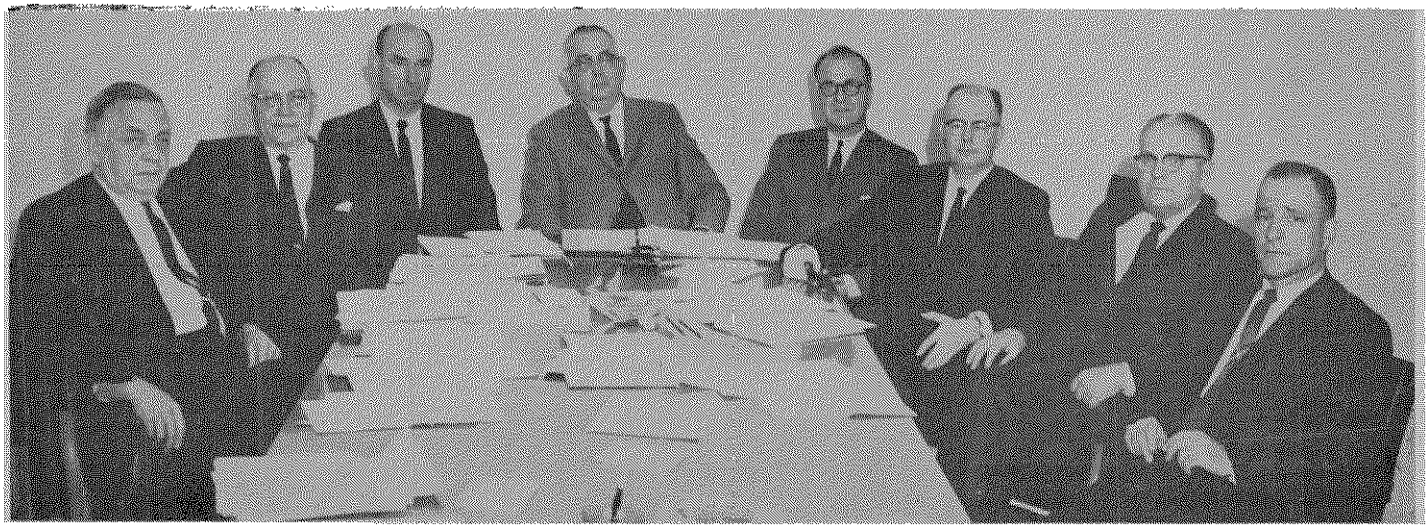
Dr. Vliet, professor of electrical engineering at Tulane U., is director of the electrical power laboratory at the University's Riverside Research Laboratory in Belle Chasse. Prior to his appointment at Riverside, Dr. Vliet was engaged in a project designed to convert solar energy to electrical energy for use with space vehicles. He is presently serving as Chairman of Engineering Curriculum of the Tulane School of Engineering, and has served as Chairman of the New Orleans Section of the AIEE and Vice-Chairman of the Louisiana Branch of the American Society for Engineering Education.

Dr. McDonald has served as Executive Secretary to the Board since 1945, and has completed the time necessary to qualify for state retirement. Dr. McDonald, professor of Civil Engineering and Public Health at Tulane U., is directing a research project designed to find a stable bedding for sewer pipes in the soft marsh soils of the Gulf Coast. He has served as President of the American Society of Civil Engineers, President of the Louisiana Engineering Society, and as a Director of the National Society of Professional Engineers.



Dr. Frank McDonald

Shown below in Executive Session are members of the Louisiana State Board of Registration for Professional Engineers and Land Surveyers. Left to Right: Dr. F. W. zur Burg, Secretary; Leo M. Odom, Roy T. Sessiums, Dr. Jesse Coates, Chairman, Eugene E. Taylor, Dean Ben T. Bogard, Ardis D. Jackson, Vice Chairman and Dr. Daniel Vliet, Executive Secretary.



Memorials

GEORGE R. HAMMETT

George R. Hammett, born in New Orleans on November 24, 1897 and a lifelong resident of the city, passed away at Ochsner Foundation Hospital in New Orleans after a relatively brief illness on July 22, 1965. He attended Rugby Academy and Tulane University where he was awarded a Bachelor of Engineering Degree in Mechanical and Electrical Engineering in 1918.

Shortly after his graduation, he went to work for Doullout & Ewin where he remained for less than a year and on June 1, 1919 entered the employ of A. M. Lockett & Co., Ltd., where he started a long and successful business career. He rose from an Apprentice Engineer with the Company to Sales Manager of the New Orleans Office and then Vice President in Charge of Sales for the entire company, in which position he remained until his retirement on January 1, 1963.

On October 2, 1929 George married Alma de los Reyes who survives him. They had no children.

George was an extremely happy and gregarious person who had a wide circle of friends and was well liked by all. He was active in several technical societies and served as Chairman of the New Orleans section of the American Society of Mechanical Engineers, as well as on various committees and special assignments for the American Society of Mechanical Engineers and the Louisiana Engineering Society, of which he was a Life Member.

In addition to his activity in the technical field, he was also very civic minded and annually worked hard for the United Fund. He was also quite active in the Chamber of Commerce of the New Orleans Area, the Bureau of Governmental Research, the Metropolitan Crime Commission and other civic societies. He was a member of several carnival organizations, the New Orleans Country Club, Metairie Country Club, the Stratford Club, the Pickwick Club and the Serra Club. In his younger days, George was a sailing enthusiast and a member of the Southern Yacht Club. Later in life he adopted golf as his principal hobby and thoroughly enjoyed this game up until his final illness.

He will be missed by many friends.

R. P. LOCKETT, JR.
JAMES M. TODD

FRANK ROBERT MENDOW

Frank Robert Mendow, a resident of New Orleans for practically all of his life, though he was born in Helena, Arkansas on July 24, 1910, passed away at Ochsner Foundation Hospital in New Orleans on August 21, 1965.

He attended Warren Easton High School and Tulane University, where he was awarded a Bachelor of Engineering Degree in Mechanical and Electrical Engineering in 1930.

Upon graduation, he went to work for Westinghouse in Pittsburgh but after a few months returned to New Orleans where he worked with Professor Gregory in setting up the Hydraulic Laboratory at Tulane University in 1931. Upon completion of this job, he joined the firm of A. M. Lockett & Co., Ltd. on June 15, 1931. His career at Lockett was a happy one for both the Company and himself and he steadily rose thru various positions to Chief Engineer and finally Vice President in Charge of Engineering, a position he held at the time of his death.

On October 18, 1933 Bob married Dorothy Drawe and their marriage was blessed with a son and three daughters.

He was a brilliant engineer, with an amazing knowledge in a diversity of engineering fields. His specialty, however, was Power Plant work.

He was a member of the American Society of Mechanical Engineers and the Louisiana Engineering Society and also a member of Tau Beta Pi. He was a registered engineer in the States of Louisiana and Texas and was the author of several articles published in technical magazines and also he presented papers at several engineering society meetings.

His outside interests included a love of music as evidenced by his playing in the Tulane band and later directing the Choir at St. Rita's Church for a number of years. Perhaps his biggest hobby was Boy Scout work. He was Scout Master for Troup 54 for a number of years, was a member of the Order of the Arrow and earned the Woodbadge.

Bob Mendow was an engineer's engineer and he will be missed by a wide group of friends in the engineering profession.

In addition to his wife and children he is survived by his mother, Mrs. Frank Mendow, and nine grandchildren.

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W. J. DRAWE

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CARLYLE A. OESER

With deep regret and expression of sorrow, the Lafayette Chapter of the Louisiana Engineering Society records the death, on December 5, 1965, of our friend and associate, Carlyle A. Oeser.

WHEREAS, the Lafayette Chapter of the Louisiana Engineering Society, through the death of Carlyle A. Oeser, has lost one of its outstanding members, and

WHEREAS, he devoted his time and efforts to his profession and the Society, and

WHEREAS, his sound judgment and wise counsel contributed largely to the stature and success of the Society, and

WHEREAS, he gave generously in help and assistance to those in the profession who had not yet made their mark, and

WHEREAS, his decisions regarding the work of others was always prompted by fairness and equity, and

WHEREAS, all of us who were connected with him will always bear his indelible mark,

NOW THEREFORE, we, the members of the Lafayette Chapter of the Louisiana Engineering Society, extend our sincere condolences to the members of the family of the late Carlyle A. Oeser, and express the privilege and the pride of having worked with him and the deep loss we have sustained in his death.

UNANIMOUSLY RESOLVED at Lafayette, Louisiana, this 14th day of December, 1965.

EUGENE SELLERS
President

ELMER P. HALL

With deep regret and expression of sorrow, the Lafayette Chapter of the Louisiana Engineering Society records the death, on March 11, 1966, of our friend and associate, Elmer P. Hall.

WHEREAS, the Lafayette Chapter of the Louisiana Engineering Society, through the death of Elmer P. Hall, has lost one of its outstanding members, and

WHEREAS, he devoted his time and efforts to his profession and the Society, and

WHEREAS, his sound judgment and wise counsel contributed largely to the stature and success of the Society, and

WHEREAS, he gave generously in help and assistance to those in the profession who had not yet made their mark, and

WHEREAS, his decisions regarding the work of others was always prompted by fairness and equity, and

WHEREAS, all of us who were connected with him will always bear his indelible mark,

NOW THEREFORE, we, the members of the Lafayette Chapter of the Louisiana Engineering Society, extend our sincere condolences to the members of the family of the late Elmer P. Hall, and express the privilege and the pride of having worked with him and the deep loss we have sustained in his death.

UNANIMOUSLY RESOLVED at Lafayette, Louisiana, this 24th day of March, 1966.

EUGENE SELLERS
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LES..... Gaining Strength With New Members

We welcome the following new members in the Society:

Alexandria Chapter
Claude E. McMath, M

Baton Rouge Chapter
Richard G. Barras, M
Jere Higgs, Jr., M
W. B. Martin, Jr. M
R. J. Rau, M
S. L. Zeid, M
O. O. Miller, JM
A. R. Danna, AM
J. W. Myers, AM

Lafayette Chapter
F. D. Beaullieu, III, M
M. F. Billeaud, M
J. T. Gaudet, M
Daniel G. Richard, M
J. E. Schexnaider, JM

Monroe Chapter
E. N. Brodnax, AM

New Orleans Chapter
Perry H. Beall, M
Edward Bitar, M
R. F. Burns, M
L. V. Cressy, Jr., M.
Ivan Gomez, M
M. F. Lang, M
G. E. Masson, Jr., M
C. J. Sperry, Jr., M
Thomas H. Fort, JM
D. T. Ranna, JM
R. F. Muller, Jr., AM
James D. Naremore A
A. J. Mumphrey, Jr., JM

Shreveport Chapter
J. T. Carmichael, M
H. C. Goodrich, M
J. W. Graves, M
B. J. Guin, M
F. W. McCarthy, M
John C. Nelson, M
Hugh W. O'Donnel, M
Coy O. Taylor, M
W. H. Youse, III, M
R. C. Wilkinson, JM

Have YOU Asked Another Engineer *To Join LES*

1966 Annual Meeting Set For July

The Baton Rouge Chapter of LES has accepted with a great deal of pleasure the opportunity and challenge of serving as host for the 1966 Annual Meeting to be held in Baton Rouge on Friday and Saturday, July 22 and 23. The headquarters will be the Jack Tar Capitol House.

Featured at this meeting will be the exhibit booths of suppliers of products and services of interest to professional engineers, said J. W. Affolter, General Chairman of the meeting. Assisting Mr. Affolter will be: T. J. Hogue, Vice Chairman; John F. Vogt, Jr., LES Secretary-Treasurer; Kenneth Daspit, exhibits; Raymond E. Pillow, finance and registration; Mrs. Ray W. Burgess, ladies' activities; Harold J. Beard, parties and accommodations; Harry D. Richardson, program; J. R. Whipple and Charles W. Hair, publicity.

The meeting will officially open at 10 a.m. on Friday, July 22, with opening of the exhibits and a review of the 1965-66 administration by LES President Charles W. Stokes, P.E. Noon luncheons on Friday will be for the various technical societies. The afternoon sessions will feature general interest technical papers on engineering accomplishments of interest to all engineers.

A gala cocktail party in the exhibit area will open the Friday evening activities. This will be followed by the annual presentation of awards to honored recipients. Ladies are invited to participate in both of these functions.

Public Relations With Other Engineering Societies and Other Professional Associations will be the first of a two-panel seminar on improving LES public relations. The second panel will be Public Relations With Representatives of the Various News Media. This program, patterned after the recent national seminar by NSPE, is the main theme of this year's meeting. As was indicated at the NSPE meeting, more efforts to inform the public of the work and importance of the profession needs to be assumed by all engineers.

Saturday noon luncheons for LES Functional Sections, followed by business meetings, will close the meeting sessions. Saturday afternoon is relaxation time for conferees, with golf, swimming, shopping, etc., to choose from. The Annual Cocktail Party and Dinner is scheduled for Saturday evening.

Arrangements for the ladies include a hospitality room on the pool deck, planned shopping trips, and other interesting entertainment which will keep them occupied when the men are tending to the business of the Society.

The program and activities are being arranged so that members and their families will enjoy a weekend of interesting meetings, entertainment and relaxation during their visit to Baton Rouge.

Every Engineer in the state, whether or not a member of LES, is urged to make a special effort to attend this Annual Meeting, which promises to be one of the most rewarding ever sponsored by the Society.

Make your plans now to attend!

THE LEGISLATIVE PROCESS.....
Engineers Should Increase Interest & Participation

On May 9 the Louisiana Legislature will convene in Baton Rouge for its by-annual 60-day session. Faced with one of the heaviest work-loads in history, legislators state-wide are attending conferences and meeting with business and professional leaders in their area to discuss possible affects of anticipated legislation.

Engineers, as professionals and as citizens, should be most interested in these meetings, and in all proposed legislation to be considered and acted upon during this session of the legislature. Not in the complex procedure for passage of a bill, but rather in the effects of any bill on their profession or on their status as citizens of Louisiana. Use of the modern news media, T.V., Radio and Newspapers, can assist you in keeping up with all legislation throughout the session.

Engineers should get to know each of their representatives on a personal basis right now, and not wait until you want his vote. Let him know that you are interested in his viewpoint on many matters, and that you will contact him with your viewpoint as necessary.

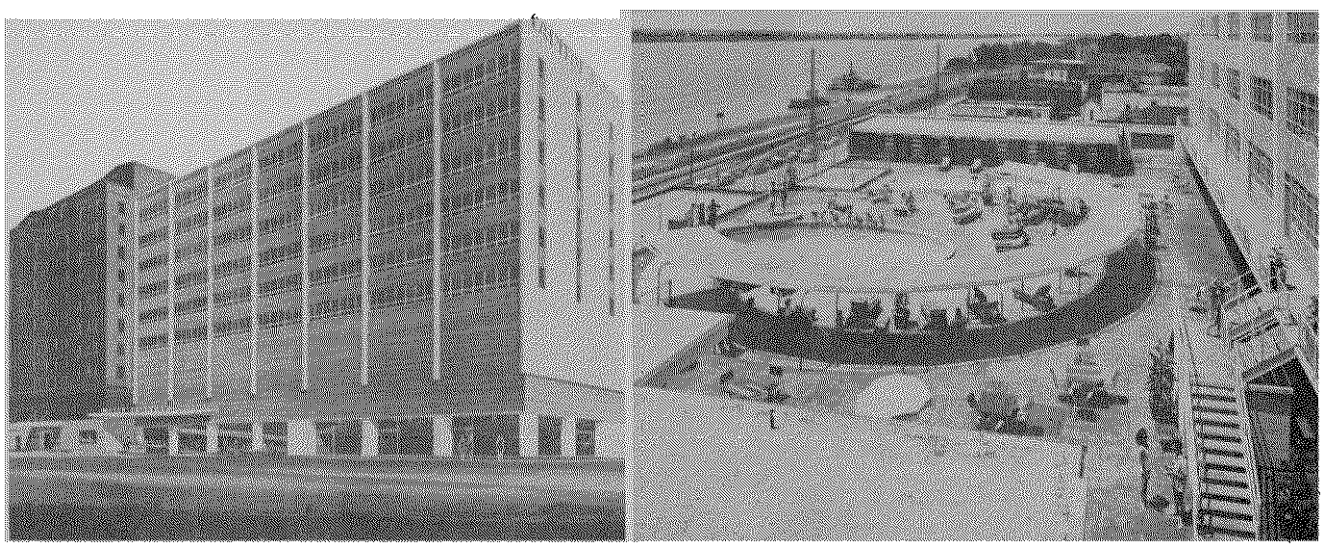
Engineers should offer assistance to their elected representatives. Most legislators recognize that technically trained engineers can analyze specific legislation, and made sound, factual recommendations that they can use in determining their position.

Engineers should take the lead in initiating or sponsoring legislation which is needed by the state. Such fields as state licensing requirements, air and water pollution laws, equipment codes, and many other subjects are natural fields of responsibility for the profession.

Engineers need to "get into politics" with increased interest and in greater numbers, even to the point of actively campaigning for elected positions. Politics has been the traditional domain of the lawyers, and perhaps this is as it should be. The reason is simple—in dealing with the complex legal questions that are involved in passing legislation that affects us all, we demand legally trained and talented professionals in positions of authority. The same argument, however, is equally valid for having technically trained engineers in a position to render professional advice in this age of unparalleled technical advancement. Especially where the governing bodies are becoming more involved in technical legislation, it is not only desirable, but essential that qualified informed men make the decisions that so vitally affect us all.

Engineers, by Code and Creed, are dedicated to the advancement and betterment of human welfare. Active participation in "The Legislative Process" by all members of the profession is needed by and for the public now. Let your elected representatives know where you stand on specific legislation, and let them have your opinion on general legislation.

1966 Annual Meeting Headquatrers



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Chapter News - - -

EDITOR'S NOTE: Chapter Secretaries are urged to send in reports of their Chapter's meetings, social functions, or other interesting activities.

Monroe—The Monroe Chapter of the Louisiana Engineering Society met at the Student Center, La. Tech., Ruston, Louisiana, on Wednesday, February 23, 1966 at 7:00 P.M. This was the annual Engineers Week Banquet.

Mr. Henry T. Poulan, President, recognized Mr. Ben T. Bogard, Dean of the School of Engineering at La. Tech, who in turn introduced the guest speaker, Mr. James W. Evans, Executive Vice President, Hazeltine Corporation, Long Island, New York. Mr. Evans presented an interesting and informative talk on the technical and management challenge to engineers in the business world today, versus the concepts of twenty years ago.

The Monroe Chapter of the Louisiana Engineering Society met at Bogard Hall, La Tech, Ruston, Louisiana, on Tuesday, April 5, 1966 at 6:30 P.M. for the annual Shrimp and Oyster Supper.

Mr. Jack Thigpen reported on the chapter by-laws vote. Eighty votes were received in total and all were for approval of the by-laws as revised. This met the two-thirds majority requirement for passage, since the total chapter membership list was 109 at the time of vote count.

Mr. Fred Culpepper, 1st Vice President, reviewed the L.E.S. membership increase goal of ten per cent for the state. Less than five per cent membership increase to-date has been attained. Mr. Culpepper requested that we each seek new members.

Mr. Henry T. Poulan, President, recognized Mr. John Calhoun, Program Committee member. Mr. Calhoun introduced and turned the program over to Dr. Randall Barron for a cryogenics demonstration. Dr. Barron performed and described several very interesting and informative low temperature demonstrations, using liquified nitrogen and liquified oxygen.

Shreveport Chapter—R. O. Beckham presided at the March 8, 1966 meeting. Eight of those present were engineers who have applications being processed.

Ed Jolly reported that there are 14 applicants from this Chapters area so far. He mentioned the inter chapter membership contest. All the new applicants who were present were introduced.

R. O. Beckham introduced E. M. "Jiggs" Freeman who received the Engineering and Scientific Council of Shreveport's award for Professional Engineering Achievement at the Engineers' Week Banquet. He made further comment on the Technical Sessions and the overall Engineers Week program.

Mr. Joe Pernici, the 4th District State Highway Department Commissioner gave a very interesting talk on the new and proposed highway projects in this area.

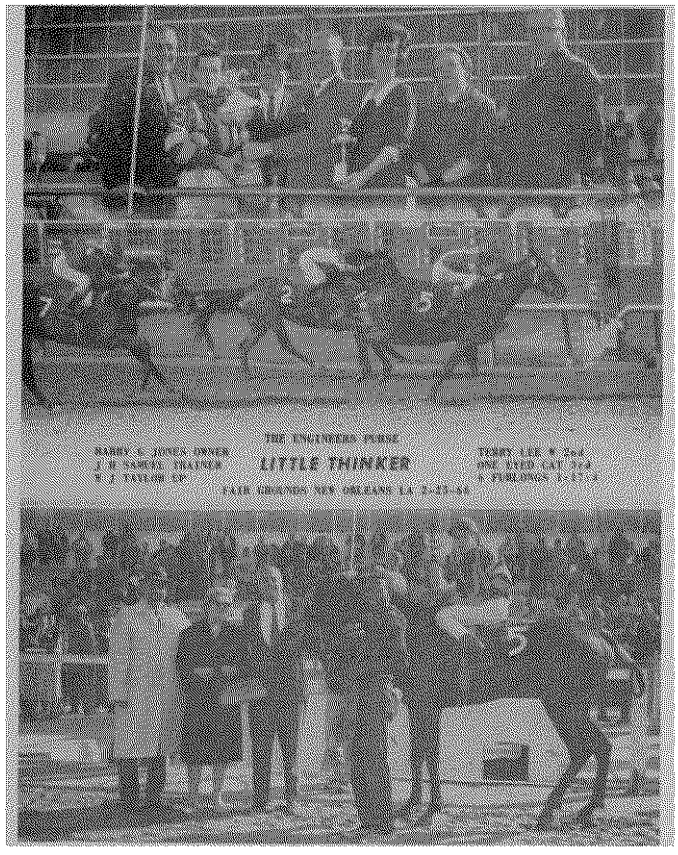
The April meeting featured an open discussion to inform, and obtain the views of our members, on what has been called the most vital question to confront all engineers, registered or not, in our lifetimes, "The Pros and Cons of the Proposed Constitutional Changes of the NSPE."

The proposed new By-Laws of the Shreveport Chapter were also presented at this meeting. These changes are necessary to bring the chapter into alignment with the LES changes which went into effect last year.

The Nominating Committee announced their nominees for the 1966-67 administrative year.

New Orleans—Always a highlight of the Engineers Week activities, the Annual Engineers Purse was won by "Little Thinker" at the historic Fair Ground.

This picture explains the activities better than any words.



MEETING DATES TO REMEMBER

April 21—LES - PEPP Executive Board
Baton Rouge, La.

April 28-30—SW Regional PEG Workshop
Dallas, Texas

May 6, 7—LES Officers Indoctrination Conference
Lake Charles

May 10—Louisiana Legislature Convenes
Baton Rouge

June 6-7—Industrial Water & Waste Conference
Rice U., Houston

July 5, 6—NSPE Constitutional Convention
Minneapolis, Minn.

July 6-9—NSPE Annual Meeting
Minneapolis, Minn.

July 10-15—IEEE Summer Power General Meeting
New Orleans

July 22, 23—LES Annual Meeting
Baton Rouge

Chapter News—Continued

Lake Charles—The March meeting of the chapter began at 7:30 P.M. in the Science Building Auditorium at McNeese State College. President Fred Williams gave reports on the various activities of the Chapter.

Featured speaker was Mr. DeWitt L. Morris, P.E., Manager of Industrial and Personal Relations for Freeport Sulphur Co. in New Orleans. Mr. Morris spoke on the "Professional Engineer in Industry," and outlined some of the activities of the "task force" committee in setting up the PEI Section in Louisiana.

Refreshments were served by the Ladies Auxiliary after the meeting.

Baton Rouge—Engineers' Week Banquet—The meeting on February 24 at the Bellemont was combined with the Engineers' Week banquet. Attendance included the Mayor, the L.S.U. Dean of Engineering, many of the ladies, and a high school senior, Mr. Albert C. Mayerer, who is a state winner for engineering scholarships sponsored by NSPE.

Dr. Roger W. Richardson, Dean of Engineering at L.S.U. spoke on "Engineering's Contribution to the State." He was introduced by Mr. Leo Odom, Past-Chairman, State Board of Registration for Professional Engineers.

Dean Richardson spoke of many accomplishments in technology during the past decade, including increased speed of transportation, excellent communications world-wide, home appliances, and the new and better fibers for clothers.

Dr. Louis J. Capozzoli, President of the Baton Rouge Chapter of LES presided over the meeting and made some of the introductions with appropriate comments. Mayor-President W. W. Dumas presented the Society with a proclamation recognizing Engineers' Week in Baton Rouge during the period February 20-26.

Lafayette—The March meeting was held at 6:30 P.M. at the K.C. Hall. A fellowship hour preceded the meeting, which featured a fine crawfish etouffe dinner. President Sellers reported on various activities of the Chapter. Several new members were introduced.

Guests of the Chapter were members of the LES Board of Direction, who had held their Board Meeting at the SLEMCO office during the afternoon. Charles W. Stokes, P.E., LES President gave some brief remarks about the activities of the Society and commended the Lafayette chapter for its increased activity, especially in programs, attendance and membership. Earl Martin, LES Executive Secretary reported on his visits to local firms and U.S.L. to encourage and promote membership.

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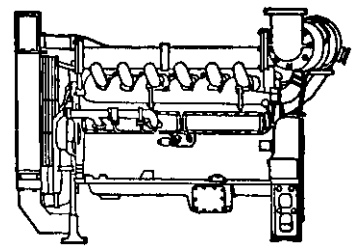

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SPECIFICALLY DESIGNED BUILDING OCCUPIED BY BR ENGINEERING FIRM

Barnard and Burk Companies, Baton Rouge, has recently moved into a new 26,000 square-foot general headquarters and engineering office building specifically designed for the firm's multi-faceted activities.

About 150 of Barnard and Burk's 230 technical personnel, plus the administrative, accounting and clerical staff, are housed in the new structure.

A single-story, modern brick design, the building is divided into three main functional areas. The eastern section is devoted to administrative and accounting offices, divided by a spacious lobby. This area is some 5,620 square feet. Reproduction, service, utility and storage areas total 4,734 square feet.

By far, the building's most functional design point is the 15,150-square-foot area devoted to drafting and engineering offices. Two large, well lighted drafting rooms, each equipped for 60 engineers and draftsmen, are separated by a central corridor which gives access to conference rooms and several engineering offices.

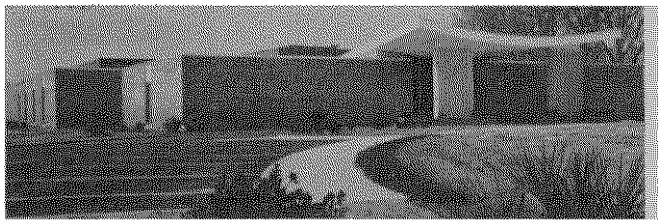
Each drafting room is split into five sections or task groups by six-feet, two-inch high dividers that serve also as bookcases, reference tables and print storage bins. Each drafting row of six men has a specially designed hinged-top, hanging plan file and specification unit. The rear walls of both drafting rooms have continuous floor-to-ceiling bookshelves for general catalogs, active files and reference works. Engineering supervisory personnel are housed in two double banks of offices adjacent to the drafting rooms—one folio of offices opens into the drafting area and the other into the central corridor.

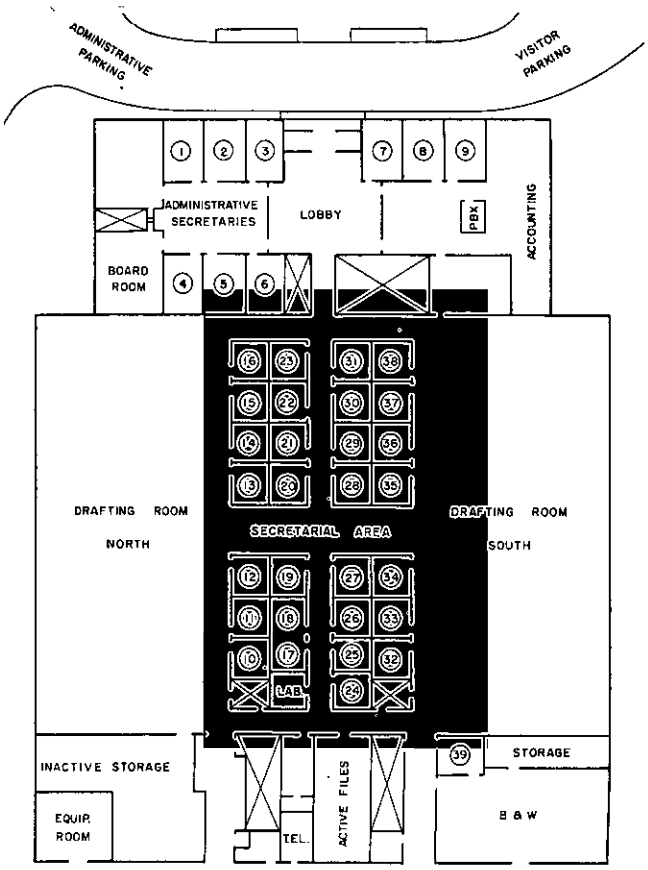
A short, wide cross corridor connects the two drafting rooms in the center and provided space for a secretarial pool and filing cabinets. The whole technical section, more than 15,000-square-feet, is supplied with conditioned air through a ventilated, acoustical ceiling from a pressurized plenum that is divided into three parts. The climate control system consists of two 50-ton reciprocating compressors, a hot water boiler and a four-pipe circulating water circuit connected to four draw-through and one multi-zone air handling units.

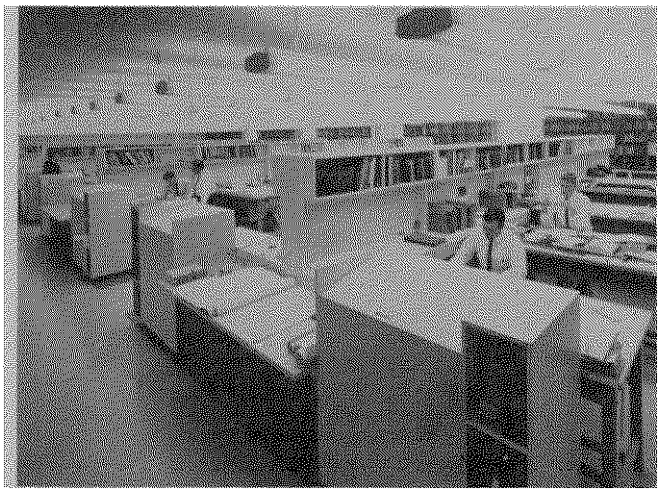
Electrical features include a 277-volt fluorescent lighting system in all areas—the drafting rooms have a maintained lighting level of 185 foot candles—and interoffice systems for telephoning, paging and music.

A hard-surfaced employe parking lot to the rear of the building can accommodate some 130 cars. Two rear entry doors are provided, each opening into a latteral corridor adjacent to a drafting room. Visitors' parking is in the front along a curved drive, which is covered at the main entrance.

In addition to the new general headquarters, Barnard and Burk Industrial Corporation, an affiliate of Barnard and Burk, Inc., the parent consulting engineering firm, has also recently moved into new facilities. Both new plants are on U. S. Hwy. 61 south of Baton Rouge. Barnard and Burk also maintains a pipe fabrication plant in Baton Rouge, and has engineering branches in Mississippi, and in Colombia and Ecuador in South America.

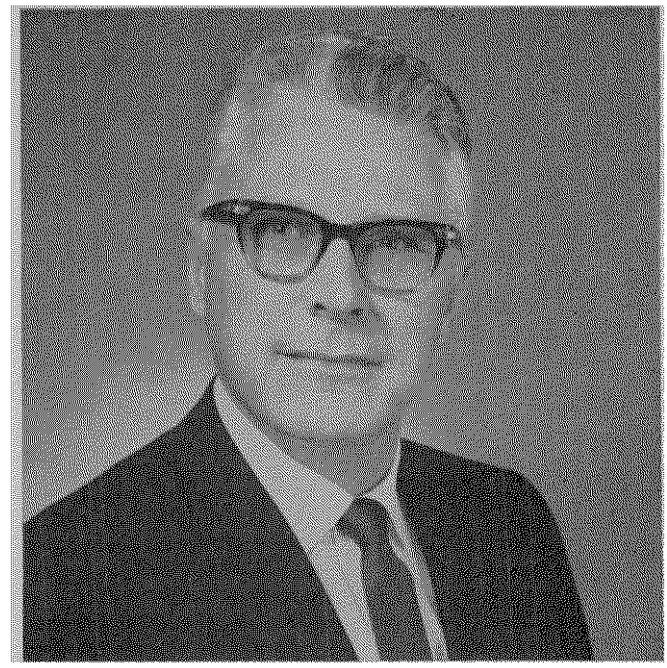






Barnard and Burk was recently ranked among the nation's top twenty design firms, according to a nationwide survey of 500 design concerns by Engineering News-Record magazine. Jack S. Burk is president of the 23-year-old firm.

Miller Named Senior Vice-President of Leo A. Daly Co.



LAWRENCE E. MILLER, Executive Director of the Leo A. Daly Company's New Orleans office, 4035 Touro Street, has been named a Senior Vice President of the firm, which provides complete architectural, engineering and planning services. He is a member of the Louisiana Engineering Society, and a past president of the Nebraska Society of Professional Engineers.

The announcement was made by firm President Leo A. Daly at the company's headquarters in Omaha, Nebraska.

Mr. Miller has served as Executive Director of the firm's New Orleans office since 1962. During that period, important projects designed by Daly have included structures at the NASA Mississippi Test Facility, several churches and schools for the Archdiocese of New Orleans, facilities for The Boeing Company at New Orleans and Huntsville and extensive Latin American work including a multi-million dollar school and hospital program in Brazil.

Joseph A. Bagala, of New Orleans, was named a Daly Company Associate.

The Leo A. Daly Company is one of the largest of the international firms of architects, engineers and planners. In addition to New Orleans and Omaha, the company has offices in Washington, D. C., St. Louis, Seattle, San Francisco, Recife and Karachi. The company has had projects in all of the 50 states, in South America, the Virgin Islands, Bahamas, India, Pakistan and Nepal.

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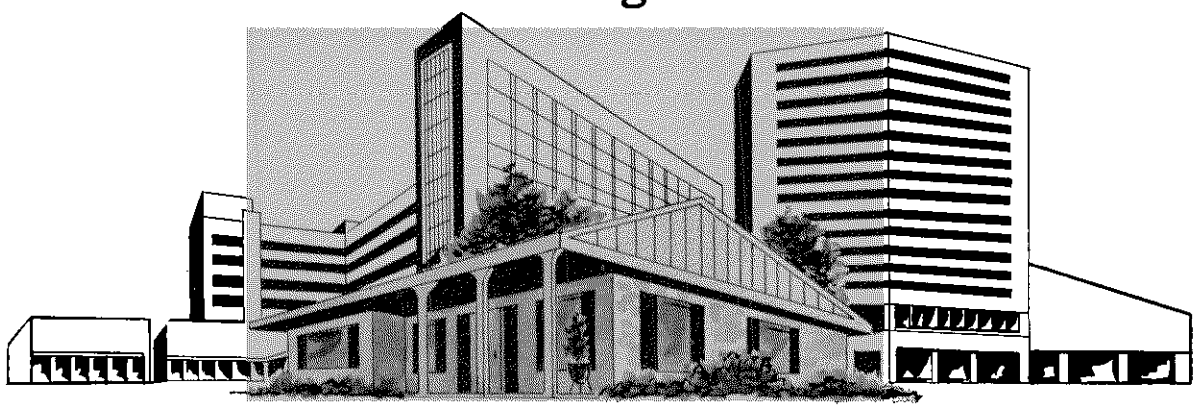

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EJC Notes

Engineers Joint Council and the Department of Defense have jointly launched a program aimed at developing a standard technical vocabulary in the format of thesauri for use in information retrieval systems.

The two organizations—representing the nation's engineering community and the national defense, respectively—in this joint program are developing a basis for compatibility and economic interchange of technical literature among information centers and libraries in both the private and government sectors.

In the joint effort, EJC will be updating and revising its earlier engineering thesaurus published in 1964; the Defense Department will be creating a new thesaurus for the entire area of defense interest. The engineering section of the Defense thesaurus will be identical to the revised EJC thesaurus.

Both thesauri are anticipated to be ready at the end of this year.

The DoD effort has been coded Project LEX and is administered by the Office of Naval Research.

For this thesaurus work, volunteer personnel, primarily engineers, will convene as panels organized according to broad specialties. Engineers are invited to participate at their own expense in the vocabulary analysis meetings. To apply, write to Frank Y. Speight, Director, Information Program. Engineers Joint Council, 345 East 47th Street, New York, New York 10017.

When the lights go off...

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A case in point . . . Hurricane "Betsy," which struck with killing power on electricity and communications in Louisiana. At Dixon Memorial Hospital in Denham Springs, the lights dimmed for seconds, then their KOHLER 115 KW emergency electric plant came on and supplied power for 38 hours until normal electric service was restored. There was power to spare fo all vital functions of the hospital including the operating room and halls.

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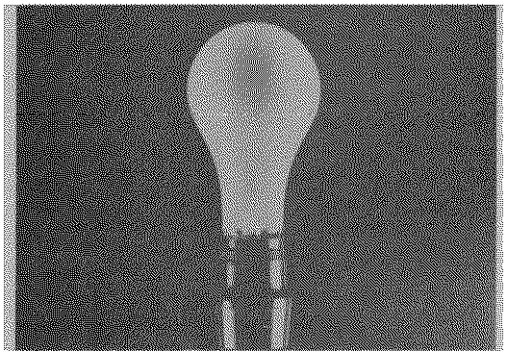

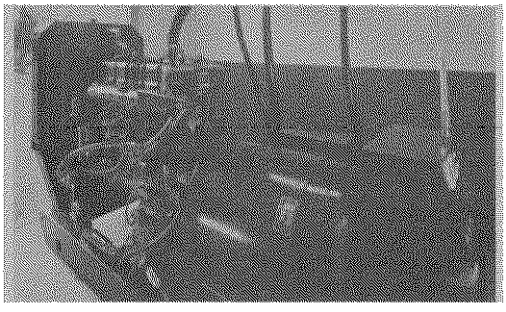

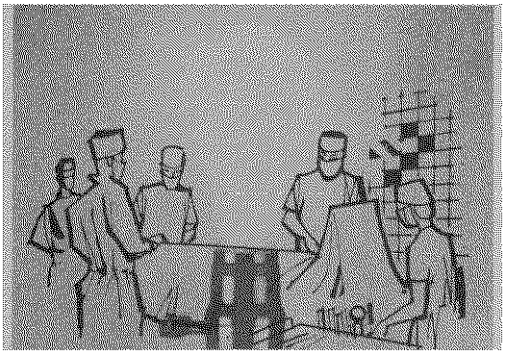

KOHLER 115 KW emergency generator in use at Dixon Memorial Hospital in Denham Springs, La.

Economic Development Administration Opens Office, Requests LES Fee Schedules

A nine-state regional headquarters has just been established by the Economic Development Administration. The office serving your state is located here in Austin.

This office will be making grants and loans for much needed public facilities in areas designated by the Secretary of Commerce as either (1) a redevelopment area, or (2) an area which the Secretary of Labor finds to have been an area of substantial unemployment during the preceding calendar year. As we will be making reviews of plans, specifications and contracts for these projects, we would appreciate the cooperation of your society in sending to us a copy of the recommended fee schedule for professional engineering services applicable to your state.

Thank you for your assistance. Please call on us if we can be of service.

R. GREGG CHAPPELL
Area Engineer

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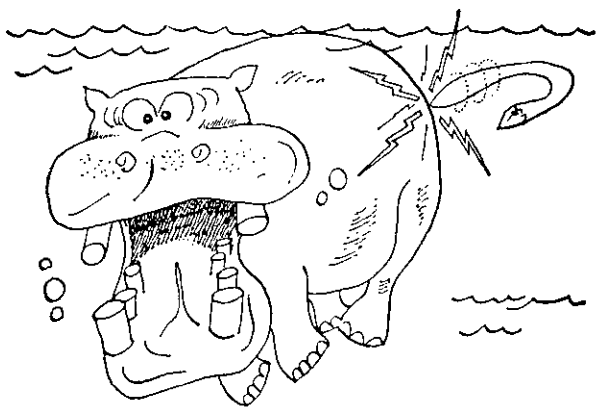

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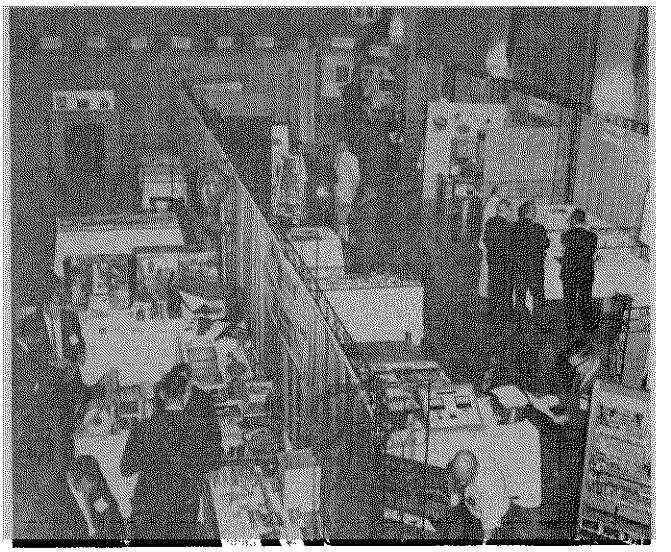
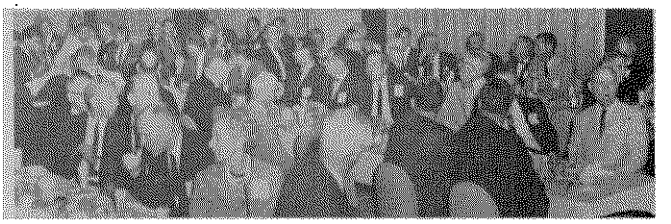
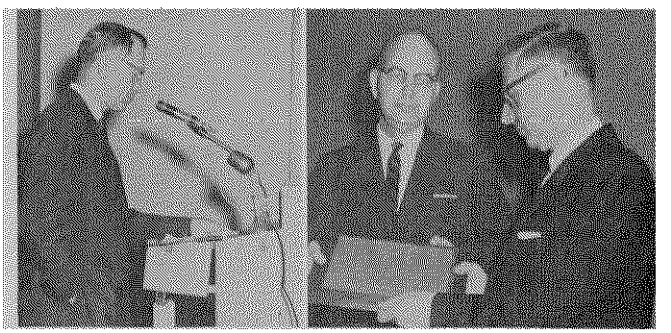
Photo Reminders Of 1965 Annual Meeting







L.E.S. EMPLOYMENT COMMITTEE
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EMPLOYERS SEEKING PROFESSIONAL ENGINEERS
Contact: ROGER K. BATTLE, P. E., Chairman
P. O. Box 61520
New Orleans, La. 70150
Phone 529-4393 Area Code 504

Editor's Note: The LES Employment Committee has received numerous requests for qualified engineers. Sample letters are shown here. This service is available to all interested engineers.

Dear Mr. Battle:

We saw your advertisement in the "Louisiana Engineer" regarding the availability of engineers and would like more information.

We are a diversified firm of consulting engineers, and are periodically looking for mechanical, electrical, civil, structural, and industrial enginers.

We would appreciate it if you would send additional information to the attention of R. R. Kilday.

Dear Sir:

I note the small box ad indicating that you should be contacted relative to engineers who might be available for employment. We have a large volume of civil engineering work under way and have a definite need for civil engineers, sanitary engineers, bridge engineers, and draftsmen.

If you have a list of any individuals in these categories, we would be glad to receive their resumes in order that we might consider offers of employment.

Dear Mr. Battle:

Your advertisement in the October issue of The Louisiana Engineer, has just come to my attention.

We are a small consulting group principally engaged in the municipal field, water, sewers, sub-division, Flood Control and drainage work along with some industrial work in the Civil Engineering field.

We would like to employ a Civil Engineer, preferably a young Engineer with three or four years experience. His immediate work would be Resident Engineer on a Multi-project drainage program, estimated to take about three years to complete.

The salary is open depending on qualifications and ability.

Dear Mr. Battle:

We are in need of the folowing engineering personnel:

Two or three highway design men—will consider non-graduates, if experienced.

Civils, Mechanicals and Electrical Graduates—no specific experience required but favorable draft status desirable.

Mechanical Engineer, design man—experienced. One Electrical Engineer and one registered Air Conditioning man.

Any assistance you can give us in meeting these needs will be appreciated.

Portland Cement Elects 3 New Members

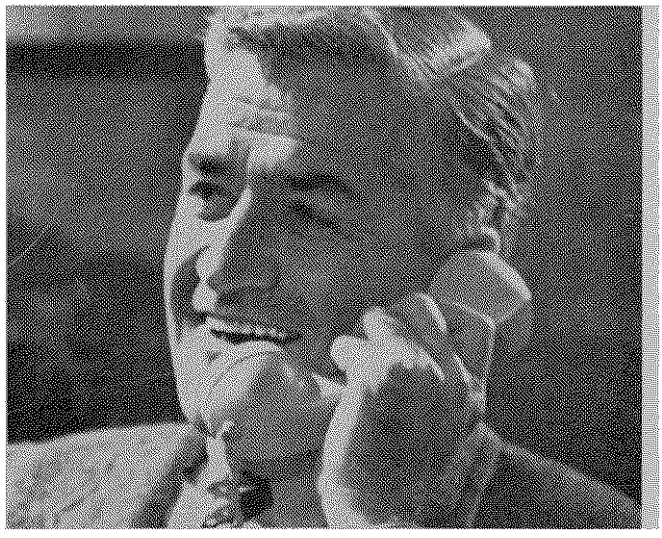
The Portland Cement Company of Utah, the Oklahoma Cement Company and the **Louisiana Cement Company** have been elected to membership in the Portland Cement Association, according to Joseph M. Breen, Chairman of the Board of the Association.

The Portland Cement Co. of Utah has its main offices and plant in Salt Lake City. Edwin S. Gallacher is President.

The Oklahoma Cement Co. has its mill at Pryor, Okla. Cloyce K. Box is President. Mr. Box also serves as president of the Louisiana Cement Co., which has offices in New Orleans, and its plant at Michoud Slip in that city.

Addition of the three companies increases the membership of the Portland Cement Association to more than 80 cement manufacturing firms, operating more than 180 mills in the United States and Canada. The organization this year is commemorating its 50th Anniversary.

The Portland Cement Association is a non-profit organization whose activities are limited to scientific research, the development of new or improved products and methods, technical service, promotion and educational effort. They are primarily designed to improve and extend the uses of concrete. The Association maintains headquarters in Chicago, Ill., $10,000,000 research and development laboratories in Skokie, Ill., and 44 regional and district offices serving 48 states and all Canadian provinces.



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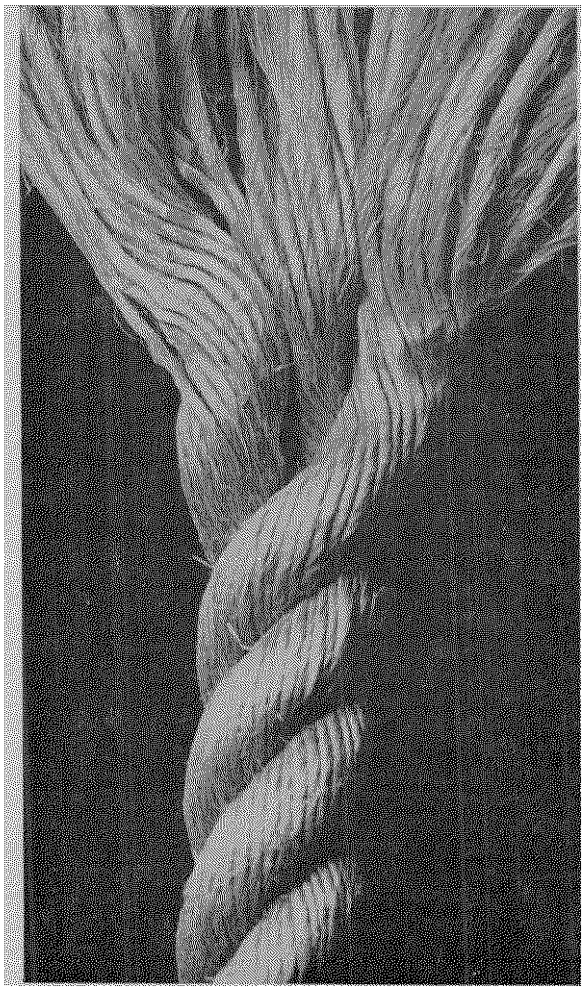

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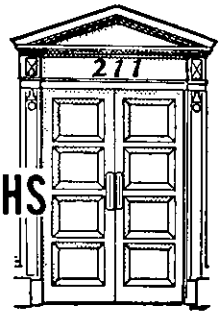

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LOUISIANA ENGINEERING SOCIETY
Board of Direction Meeting, January 14, 1966
9:00 A.M., Monteleone Hotel, New Orleans, La.

President Stokes called the meeting to order with Messrs. Duclos, McNamara, Vogt, Nelson, Fernandez, Johnson, Walk, Bubenzer, Knight, Sellers, Cade, McCain, Carter and Hurstell present. Also present were E. M. Jolly, 1st Vice President and Farrell Adams, Secretary-Treasurer, Shreveport Chapter; John Huffman, 1st Vice-President and Sylvan Richard, Secretary-Treasurer, Lafayette Chapter; Warren Bankston, Editor, **Louisiana Engineer**, and Earl Martin, Executive Secretary.

The minutes of the December Board Meeting were accepted with corrections on a motion by Mr. McNamara seconded by Mr. Fernandez.

The Financial Report for the month of December and the Semi-Annual statement of income and expenses were read by the Secretary.

The Secretary reported that a total of 396 ballots had been received and that all applicants had been elected to their respective grades. A copy of the ballot is attached to and becomes a part of these minutes.

Mr. Duclos moved that the Board consider a change in By Law 6 at the March Board Meeting, and that 30 days advance notice would be sent to all Board Members. The change would provide that all members of standing state committees be appointed for a 2 years staggered terms, and that the President-Elect would appoint the incoming members and the Vice Chairman, the Vice Chairman to become chairman in the succeeding year. The motion was seconded by Mr. Bubenzer and passed. Then the Constitution and By-Laws Committee was asked to prepare the change for consideration by the Board.

Mr. Frank Walk reported that the contract with Mr. Allen Johnson for assistance with the **Louisiana Engineer** and other Public Relations, was approved approximately as outlined at the November Board meeting. Mr. Nelson moved that the contract be approved, and that the Board commend Mr. Walk for his handling of the contract. Col. Knight and Mr. Bubenzer seconded the motion and it passed.

Lafayette Chapter President Sellers asked the Board to approve the revised By-Laws of the Lafayette Chapter, which had been made in accordance with Chapter By-Laws recommended by the Constitution and By-Laws Committee. Mr. Nelson made a motion that the Board approve the revised By-Laws of the Lafayette Chapter. Mr. Fernandez seconded and it passed.

President Stokes asked the National Directors, Messrs. Nelson and Fernandez to report on the NSPE Winter Meeting in Miami, January 5-7, 1966. Mr. Nelson gave his report, a copy of which is attached to and becomes a part of these minutes. Col. Knight suggested that the Board set aside some time at the next few meetings to discuss NSPE revisions, and to hear the comments of Board Members and Chapter Presidents, but that no vote be taken until the NSPE Document is available. President Stokes asked Col. Knight if he would make this suggestion in the form of a motion, he did, and it was seconded by Mr. McCain and passed.

Mr. Albert Repscha, Lafayette Membership Chairman, read a letter he wrote requesting Board action to speed up processing of applications. Col. Knight stated that the Constitution should be changed to place the final approval and recommendation of a new member with the chapter officers to facilitate the applicants acceptance. Mr. Nelson suggested that definite action be postponed until the NSPE Constitution was finalized, at which time LES might have to make further changes in the state Constitution. This was agreed to without a vote.

Col. Knight reported that he would see that the Past Presidents would get together and work on a Chapter Evaluation Program, to make recommendations to the Board for implementing such a program. President stokes would like to make this a major agenda item at the February Board Meeting.

Mr. Nelson made a motion that the Society deposit its excess funds in time deposits to earn some interest. It was seconded by Col. Knight and passed.

Mr. Nelson recommended that the LES make a resolution to the Consulting Engineers Council expressing a desire to cooperate fully with them on all matters affecting engineers in private practice. The Board accepted this recommendation and asked Mr. Nelson, as LES-CEC liason, to so inform the Council of this action.

Mr. Bubenzer made a motion to adjourn, it was seconded by Col. Knight and passed.

John F. Vogt, Jr., Sec.-Treas.

Hamilton New ME Dean At Tulane

Dr. DeWitt G. Hamilton, Jr., professor of mechanical engineering at Tulane University and former special lecturer and principal research engineer for the Atomic Energy Commission at Oak Ridge, Tenn., has been appointed head of the department of mechanical engineering at Tulane University, effective July 1, 1966.

Dr. Hamilton, who joined the Tulane faculty in July, 1965, formerly served as principal research engineer at Oak Ridge National Laboratory, operated by Union Carbide Corp. for A. E. C.

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Letters to LES Members

Dear Friends:

I am enclosing my check for $28.00 in payment of my dues for 1966. This past year has been quite well filled with new experiences to me. During the fall months I was contacted by Olin Mathieson Chemical Corp. to again accept full time employment at the Saltville plant in a special consulting assignment for design and supervision in an extensive modernization of this plant.

On January 1st I began this new work and it has required that Mary and I move here for the duration. It is my desire that all my mail be addressed here until further notice but that my identification with the Lake Charles Section remain as always. We retain our property in Lake Charles but this job could extend several years. Since Olin retired me in Jan. 1965 this is quite an unusual situation, and here I find a great interest in registration and the National Society. We are revamping the engineering department and several former Lake Charles engineers are assigned here.

Mary misses her many friends in Louisiana but the people here have been quite friendly and our home is very comfortable. Of course we are now experiencing a snow storm which they assure us is the greatest in this century. We could do without it.

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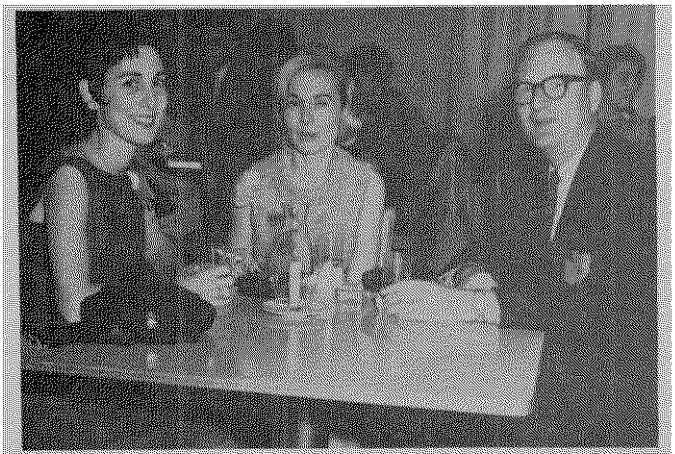

N. O. Engineers Club Celebrates St. Pat's

The Engineers Club of New Orleans was the recent setting of a St. Patrick Dance given to celebrate the feast day of the acknowledged patron saint of Engineers. Ruling over the festivities were the president of the club, DeWitt "Mc"Morris and his lovely leprechaun, Jean. Attending the gaily decorated soiree were members of the club and their guests, which included many members of the Louisiana Engineering Society.

Pictures of the Activities are shown at left and below.

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LOUISIANA ENGINEERING SOCIETY
BOARD OF DIRECTION MEETING
Hilton Inn, New Orleans, La.
6:00 P.M., February 10, 1966

President Stokes called the meeting to order with the following members present: Messrs. Duclos, Vogt, Nelson, Fernandez, Odom, Walk, Knight, McCain, Capozzoli, Sellers, Cade. Also present were Messrs. Warren Bankston, Editor of the **Engineer**, Warren Moses, Chairman of the Ethics Committee, Calvin Watts, Chairman of the Honors and Awards Committee, H. Nash Ogden, Chairman of the Legislative Committee, Malcolm Hurstell, Chairman of PEI, and Earl Martin, Executive Secretary. The meeting began with a meal, during which Mr. Martin outlined the tentative program and exhibit plan for the 1966 Annual Meeting. The Board agreed with these tentative arrangements and made suggestions on certain parts of the program which the committee can use as guides in finalizing the program.

Col. Knight reported on the formation of the Council of Past Presidents and its program for implementation of membership and of the Chapter Evaluation Program. The Council is studying the program, and expects to (1) Send forms to the present Chapter Officers to complete for chapter analysis, (2) Evaluate these forms as soon as returned so that they can be used to instruct new officers at the Indoctrination Conference scheduled for May 6-7 in Lake Charles and (3) Encourage the 1966-67 Chapter administrations to use this program during their term of office.

The Board heard the report of the Ethics and Professional Conduct Committee from Mr. Moses, Chairman. Mr. Duclos made a motion that the Board accept the report of the committee, and further, that the committee be commended for its efforts in the preparation of this report. The motion was seconded by Mr. Fernandez and passed.

The minutes of the January Board meeting were accepted as mailed to Board members on a motion by Mr. Odom and seconded by Mr. Nelson. The Financial Statement for January was read by the Treasurer and accepted.

Mr. Odom made a motion that the suggested changes in By-Law 6 recommended by the Constitution and By-Laws Committee concerning the make-up of standing committees and their appointments be accepted as amended by the Board. Mr. Sellers gave the second and the motion passed.

Col. Knight and Mr. Watts outlined the proposal by the Honors and Awards Committee that a new award be instituted for recognition of a young engineer. The Board accepted the committee's proposal and asked that the committee prepare guidelines and qualifications for the award and present to the Board for final action.

The Honors and Awards Committee also recommended that the chairman and the vice-chairman of this committee continue to be past presidents of LES and that the present Chapter Presidents be added to their committee now to serve for two years to comply with the intent of the changes recommended in By-Law 6. Mr. Odom moved that the Board accept this recommendation, it was seconded by Mr. Nelson and passed.

President Stokes announced that the Nominating Committee for 1966-67 would be composed of Col. J. T. Knight, Jr., Chairman, Calvin Watts, Dr. Wayne Wallace and Dr. Frank McDonald as members.

Mr. Hurstell read the recommendations of the "task force" committee regarding the formation of the Professional Engineers in Industry functional section. Mr. Nelson made a motion that (1) The Board approve the formation of the PEI Functional Section, (2) The committee proceed with their recommended steps for officially implementing the section, and (3) This task-force committee be commended by the Board for their efforts in setting the guidelines and goals of the PEI section. Mr. Odom seconded Mr. Nelson's motion and it passed. President Stokes asked for and received approval of the appointment of Mr. Hurstell as official LES delegate at the PEI Workshop in Houston April 1, 2.

Mr. Martin requested that the Board approve the rules and regulations of a Membership contest as recommended by the Membership Committee so that the contest could be publicized in the February **Engineer**, Mr. Sellers made a motion that the rules, as amneded, be accepted by the Board; it was seconded by Mr. Cade and passed.

President Stokes announced that Mr. Sellers, President of the Lafayette Chapter, had been appointed to the NSPE Constitution and Documents Committee, and was leaving after the Board meeting to attend a meeting of the Documents Committee in St. Louis. It was noted that this new document would be very important and require careful consideration in succeeding months before the Constitutional Convention, so that a true feeling of LES members could be determined before the NSPE Convention.

On a motion by Mr. Nelson seconded by Mr. Cade and passed, the Secretary was instructed to continue the Society membership in EJC at a cost of $50. On a motion by Mr. Vogt, seconded by Mr. Nelson and approved, Mr. Martin was authorized to take out an affiliate membership in the Engineers Club of New Orleans.

Mr. Sellers reported that the last Lafayette chapter meeting was a fish and shrimp dinner, and that 42 persons attended, the largest turnout ever. Also that four new members were signed, and eight more definitely interested. He suggested that the Board hold its March meeting in Lafayette the afternoon before the next Lafayette Chapter meeting which will be a crawfish supper. The tentative date set was Thursday, March 24, and the Board accepted the invitation pending the selection of a definite date.

There being no further business the meeting adjourned.

4-66

Looking Back— 50 Years Ago

Excerpts from the April 1916 issue of The Proceedings of the Louisiana Engineering Society.

The members who attended our last monthly meeting were agreeably surprised. We had been used to meeting in the old lecture room downstairs. On entering the building to attend last meeting we found the lecture room dark. We were directed upstairs. Our way through the dimly lighted halls of the historic old building ended in a large hall, brilliantly lighted, with polished floors, the air pervaded by the odor of fresh paint—a distinct breath of the present amid the mustiness of the past. This room is our new and permanent home, situated on the second floor of what is known as the old Presbytery.

This article would not be complete without mention of the many kindnesses of which we have been the recipient. Mr. John Riess, one of our members, undertook the work of renovation at actual cost, and was unsparing in pains and time. Mr. Frank G. Churchill kindly designed and furnished the plans by which the work was done. The Southern Pine Association donated to us the floor, which was specially and carefully selected. To all of these gentlemen we extend our warmest thanks.

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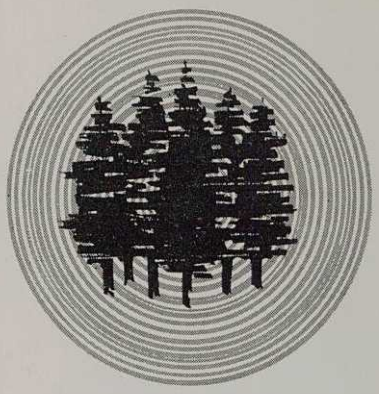

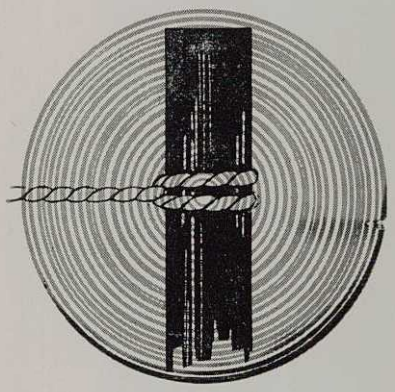

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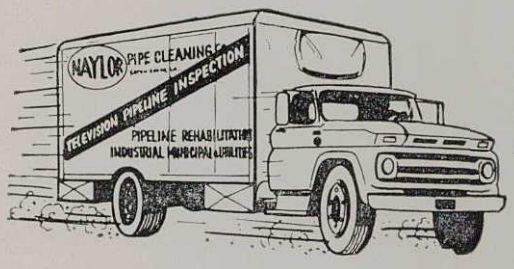

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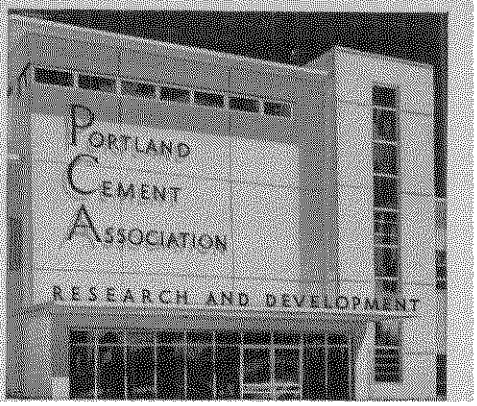

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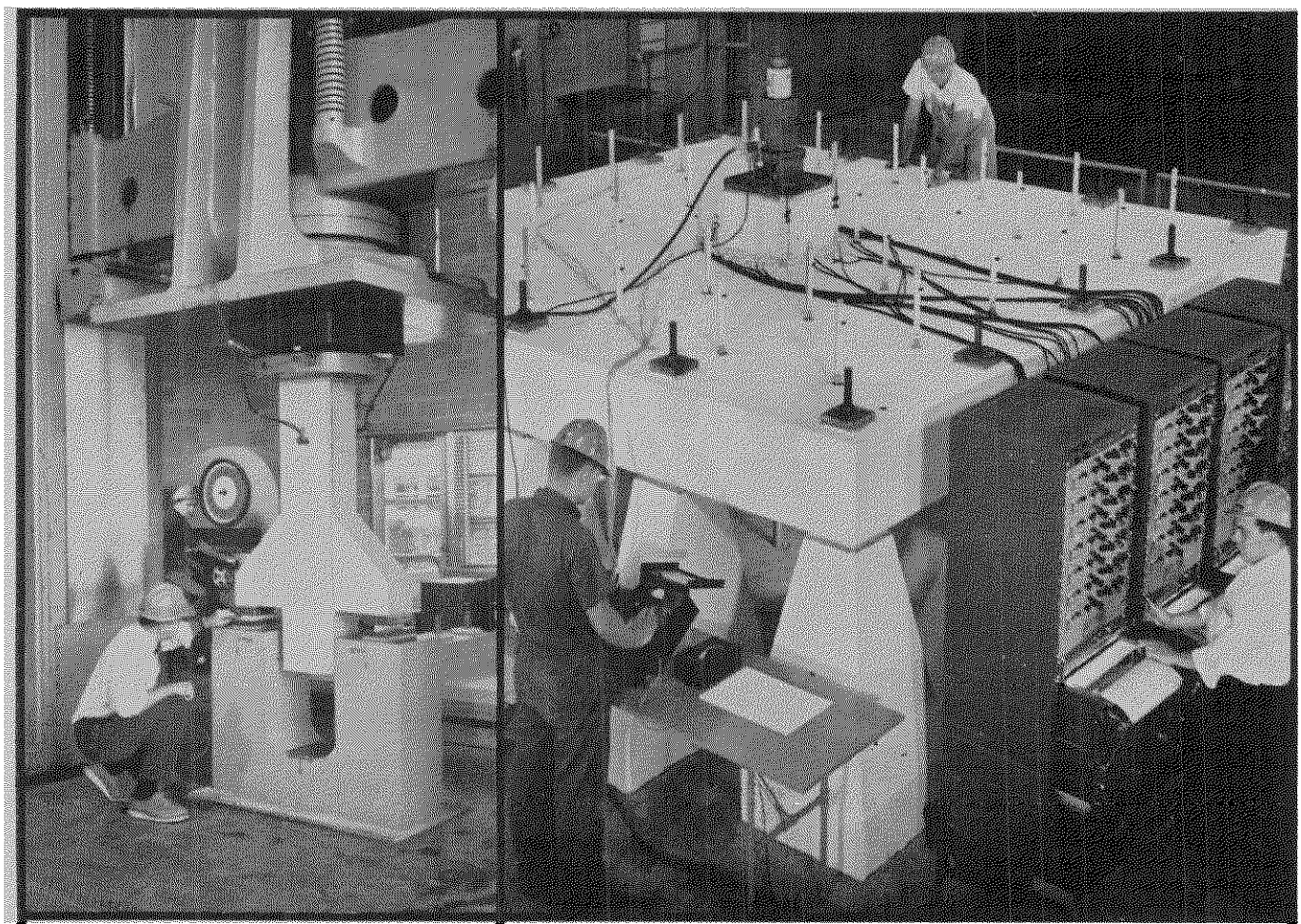

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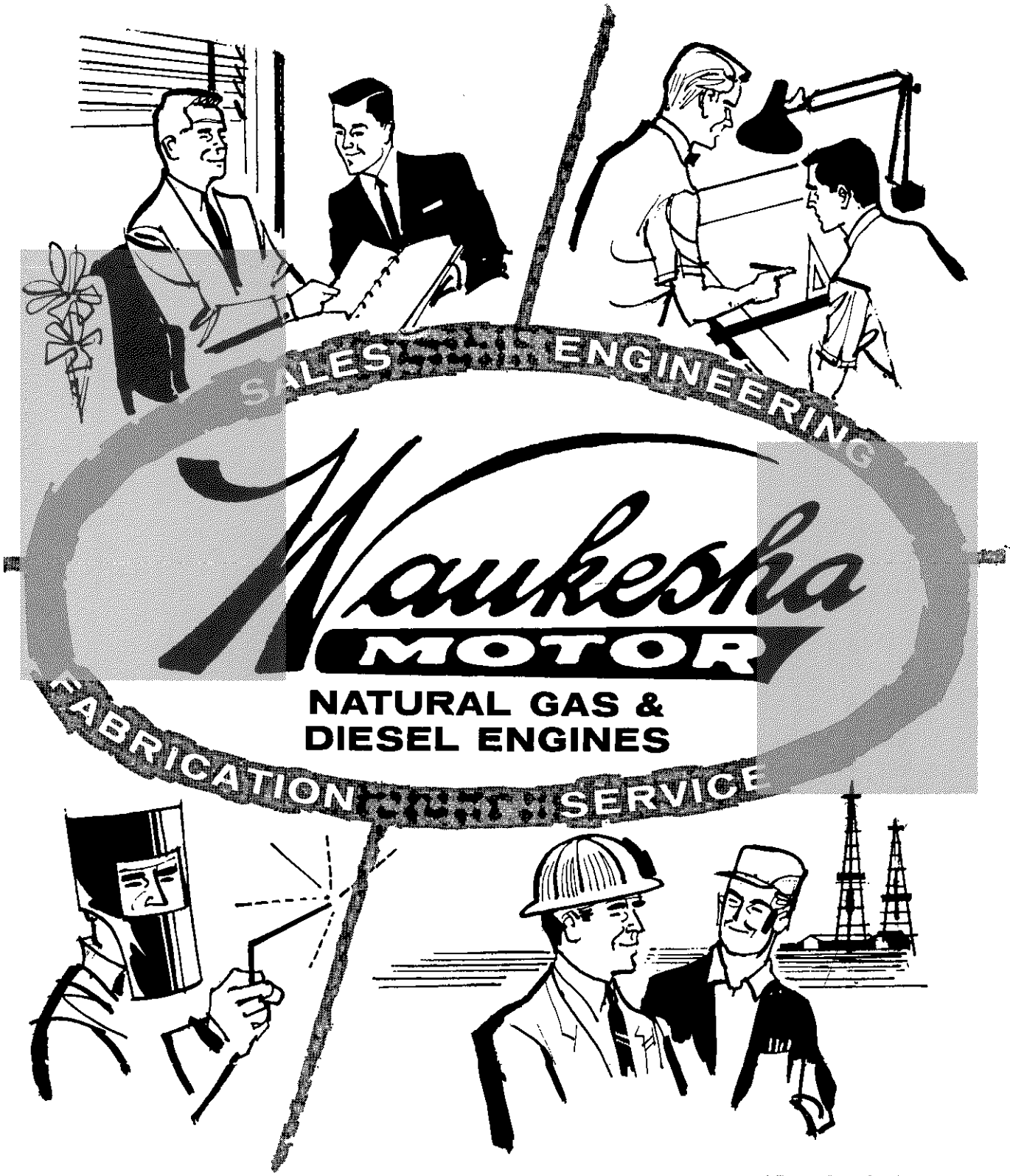

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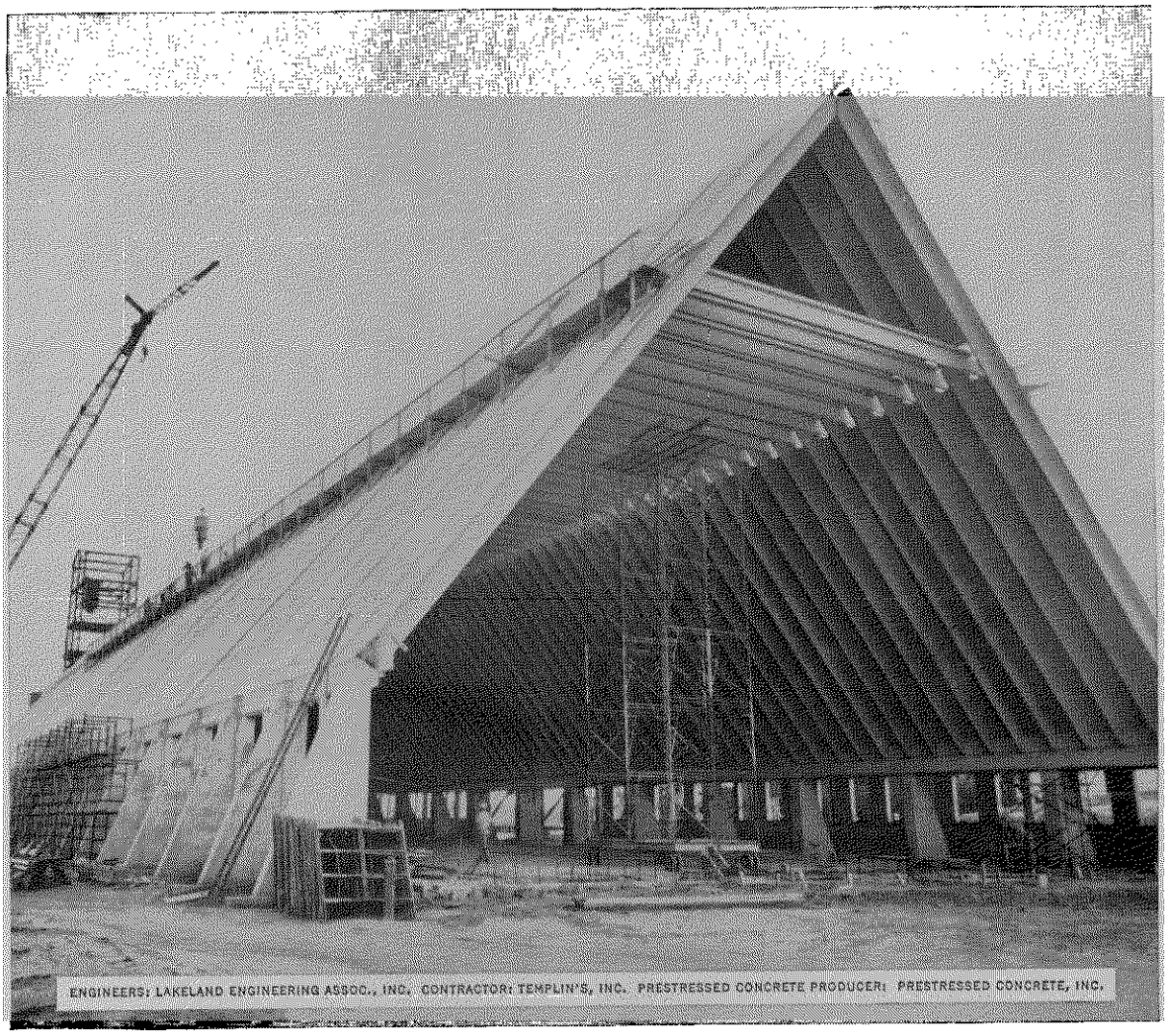

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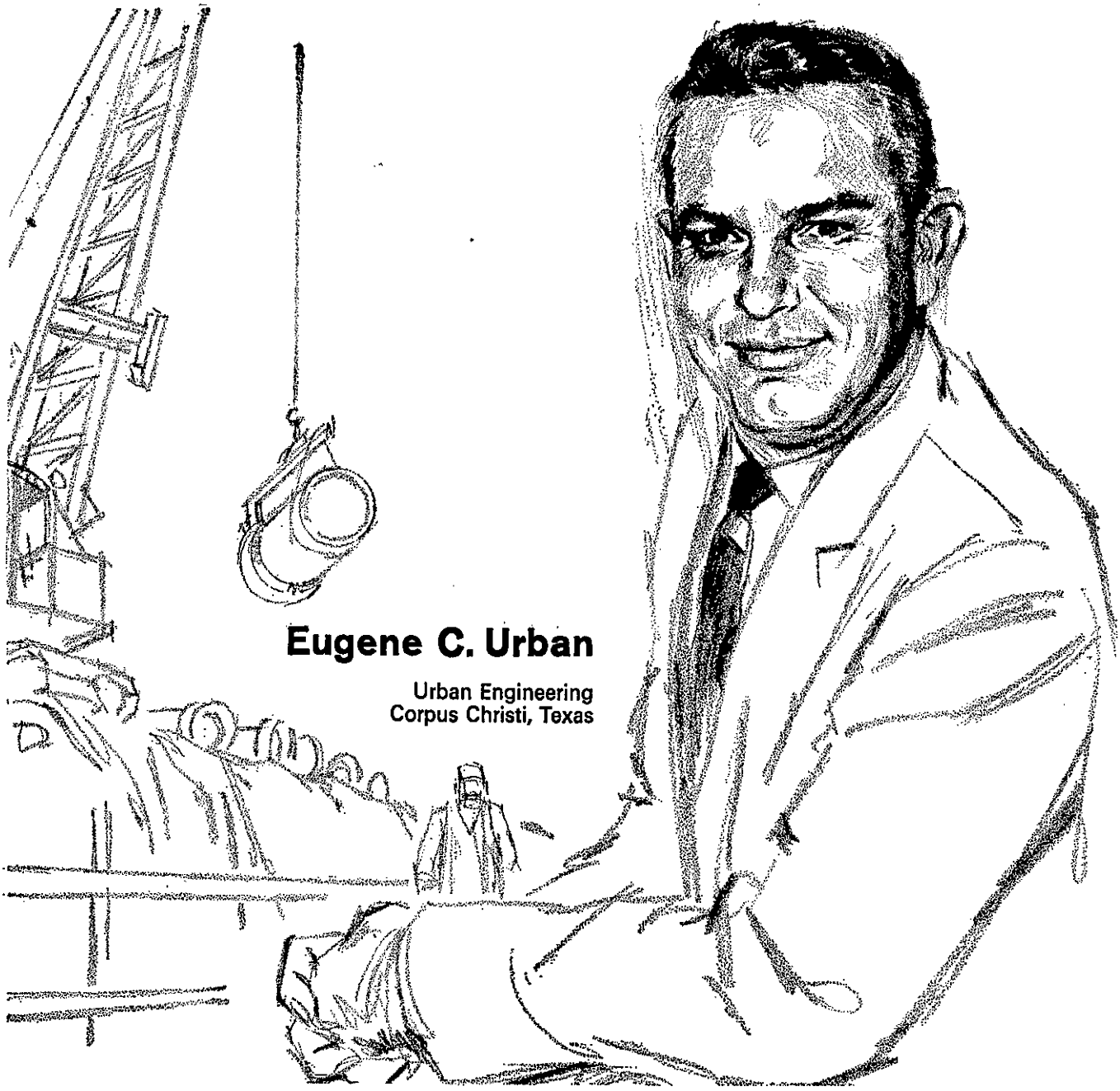

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Editorial

Are you going to attend the Annual Meeting of the Louisiana Engineering Society? Your state officers and the Annual Meeting Committee of the host Baton Rouge Chapter have gone all out to arrange an interesting and informative program, plus an expanded area of exhibits by suppliers to the profession. There is something for all.

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For those who are not now members of the Louisiana Engineering Society an **extra-special** invitation is extended to attend and see for yourself what the Society is doing for the profession.

LES is a society by, of and for Professional Engineers, working in your interests. Come and participate in this annual function.

We look forward to seeing you in Baton Rouge Friday and Saturday, July 22, 23, 1966, at the Jack Tar Capitol House Hotel.

The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society and of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and is published in February, April, June, August, October and December. Subscription $2.00 per annum; single copy 50 cents.

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THE LOUISIANA ENGINEER

Vol. 52 JUNE, 1966 No. 3

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ANNUAL OFFICERS CONFERENCE HELD IN LAKE CHARLES

LES President Charles W. Stokes, P.E. presided at the opening on Friday of the Annual Chapter Officers Conference at the Chateau Charles Motor Hotel in Lake Charles. Mr. Stokes outlined the need for and the purpose of the meeting which is to provide incoming chapter officers the opportunity to become familiar with their duties and responsibilities in conducting chapter activities.

Mr. Stokes introduced Eugene Sellers, P.E., Lafayette Chapter President and the LES delegate to the NSPE Documents Committee, who gave a very detailed report on proposed revisions to the NSPE Constitution. "The Constitutional Convention will be held in Minneapolis on July 5-6, 1966," Sellers said, "With the provisions for membership for qualified, but unlicensed engineers the most significant change to be considered." An interesting open discussion on the proposals followed Mr. Sellers' comments.

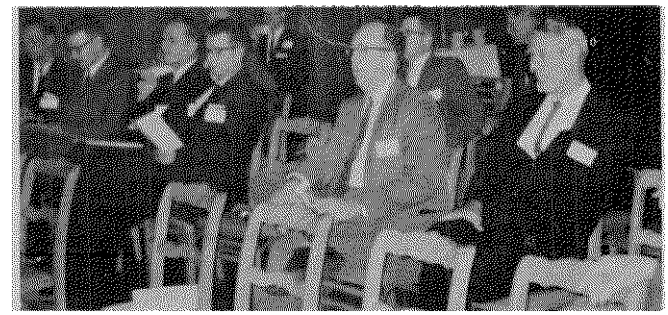
The Lake Charles Chapter hosted a social hour preceeding the dinner at the Country Club. LES members and their wives enjoyed a wonderful evening of food and fellowship.

The first session on Saturday morning featured an address by Frank Walk, P.E., titled "A Plan for Advancing the Engineering Profession in Louisiana." "Only by influencing Public Opinion can LES accomplish its aims for the Engineering Profession," Walk said. "A well-organized, continuing publicity program will promote **Public** understanding and appreciation and increase the interest of **Present** members of the Society," he continued, "And the most effective publicity can be accomplished at the chapter level, by active chapter officers and a good publicity chairman."

State Membership Committee Gus Quinn, P.E., outlined the program of membership solicitation and follow-up procedure that has been so effective in recent months, including the general mailing to newly-registered engineers from the state office; a mailing to registered engineers in the chapter area by the chapter officers or membership committee and increased emphasis on personal contact. "There is no substitute for the personal contact between the LES member and a prospective member engineer," Quinn said.

President-Elect Louis Duclos, P.E. was unable to attend due to unexpected sickness, so President Stokes discussed the work of directing committee activities with chapter presidents and vice presidents, and then went on to outline Administrative Goals and the Use of Executive Committees. Stokes pointed out that the successful chapter administration needs the leadership and guidance of the elected officers, plus active committee chairmen to accomplish the goals of the chapter, which in turn reflect to the credit of the Society.

The duties and responsibilities of chapter secretary-treasurers were outlined by John F. Vogt, Jr., with special emphasis on the close coordination between the chapter president and secretary necessary to keep chapter administration operating smoothly. John Fernandez gave the Secretary-Treasurers some suggestions based on his long experience as Secretary-Treasurer of the LES. He pointed out the vital role of the chapter secretary and the thankless tasks that are performed



throughout the year by the dedicated secretary-treasurers.

The value and use of the Chapter Evaluation Program for the 1966-67 administrative year was explained by Col. J. T. Knight, Jr., Chairman of the Council of Past Presidents. "This program, used nationally by NSPE chapters, presents a perfect guideline for chapter officers to follow in striving for an overall "Professional" administration," Knight said. "The grading of the program is not now anticipated, but with review, the responsible officers would increasingly become more familiar with the objectives and purposes of the Professional Society," Knight continued, "Only with this type of suggested projects can we hope to encourage engineers to put forth efforts in behalf of their profession."

Following the noon luncheon, President Stokes thanked the Lake Charles Chapter for hosting the meeting, and then introduced Lake Charles City Councilman John Poche, P.E., who gave a very fine presentation on "The Need for Increased Political Activity by all Engineers." Mr. Poche emphasized the need for engineers technical background to assist government at all levels to make decisions in the best interests of the public.

EJC NEWS

The demand for engineers of all categories is substantially greater than it was last year, according to a survey just conducted by the Engineering Manpower Commission of Engineers Joint Council. Of 207 employers who responded to a special postcard survey, the great majority reported that recruiting this year was more difficult than last, especially for new graduates with a bachelor's degree. They also indicated that experienced graduate engineers and new graduates with advanced degrees were much harder to obtain. Fewer than 2% of the employers considered that recruiting had become less difficult for any of the graduate engineer categories. The remainder felt that the situation was about the same as last year. Since the demand for engineers was generally strong last year, these replies support the finding of continuing high demand this year.

In the case of non-graduates, the demand appears to be holding at levels equal to or greater than last year's, but not quite as high as for college graduates. More than half of the respondents reported that recruiting of non-graduate engineers is more difficult now than a year ago. Only 8 employers (less then 4%) considered it easier to obtain employees in this category as compared with last year.

Donald E. Irwin, Chairman of the Engineering Manpower Commission Surveys Committee and Manager of Recruiting Development, Engineering Recruiting Service of General Electric Company, confirmed that his own experience strongly supports the survey findings. "There is no question," he said, "but that industry needs all the qualified graduates our engineering schools can turn out.

The Engineering Manpower Commission survey of engineering demand is conducted every two years as a service to the engineering community. Detailed questionnaire replies from more than 500 companies are now being compiled and analyzed. Findings will be published later this summer in the Commission's regular report "Demand for Engineers and Technicians—1966." Advanced orders are now being accepted. Address requests to Engineers Joint Council, Department "P", 325 East 47th Street, New York, New York 10017. Price is $4.00 prepaid.

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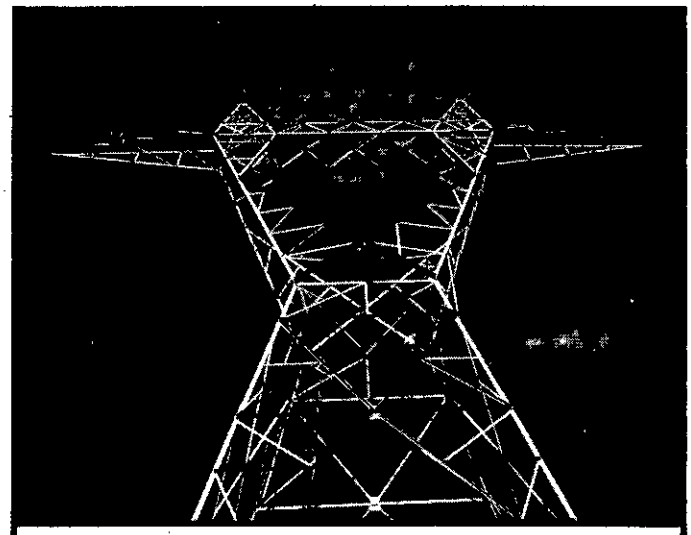

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REPORT OF PEI WORKSHOP MEETING
TOWERS MOTOR HOTEL—HOUSTON, TEXAS
APRIL 1 AND 2, 1966

The theme of this year's workshop "PEI Action Programs" was designed to present to the participants a cross section of some of the more successful activities engaged in by State and National PEI Sections.

Following is a summary of the comments made by the various speakers at the workshop:

Mr. William W. Stevens talked of the proposed reorganization of PEI. He said that it was proposed that a Board of Governors, with representation from each State, be the governing body for PEI with a chairman and a vice-chairman to be selected from this group. The objectives of PEI would be as follows:

a) Registration, b) Code of ethics, c) Development of legislative policies,) d) Improve management-engineer relationship, e) Promotion of professional development, f) Community and civic affairs, g) Technological support, h) Programs to avoid obsolescence.

It is proposed that communication will be directly with each member. Also, it is anticipated that an annual dues of $5.00 per member would be required in the new organization.

Mr. Keith K. McDaniel gave the PEI programs for 1966. These are as follows:

Executive Workshop, Registration, Preparation of Slide Program to be Used for Promoting PEI Programs, Standards of Professionalism, Portable Pension, Employee-Employer Patent Rights, Industrial Award Program.

Mr. Herbert A. Niedhammer spoke of the importance of PEI Regional Meetings. He emphasized the fact that ideas and work have to come from local chapter level. He suggested that PEI Regional Meetings be scheduled at the same time as NSPE Regional Meetings.

Mr. Horace Lehneis told of the research projects on problems of the profession. Some of these are as follows:

1. Is your boss registered?
2. Will professional engineers be replaced by scientists?
3. Professional engineering as part of management.
4. Professional attitude.
5. Professional engineer in industry and unionism.
6. Continuing education.
7. Statistically, where are we: How many engineers in industry? How many registered?

He suggested that State Chairman collect articles on various subjects listed above and assign the project to a particular chapter. The chapter should then have a meeting to discuss the project and make recommendations from a local level.

Mr. Arthur Heiberg spoke on the advantages of conducting an annual PEI Conference. The principal objective of an annual State Conference is to make a friend of management.

Mr. Howard D. Engel reported on the status of the committee report relative to portable pensions to engineers in industry and indicated it was the committee's feelings that pension plans are a form of deferred wages. Further, it is their feeling that all engineers and scientists should be eligible. A formal report to be presented to the PEI will be forthcoming shortly. It is Mr. Engel's opinion that there is no other area where NSPE can do as much for engineers.

In general, I found the workshop to be quite beneficial, especially to a novice such as myself in the PEI program. I got the impression that although we are just getting started, we are not in the minority because, apparently, only a few states have active, well-established PEI Functional Sections. As can be seen from the objectives outlined, much work needs to be done. In my opinion, this work can be started most effectively by the establishment of a PEI Functional Section within our State, such as is proposed.

Respectfully submitted,
M. L. HURSTELL, P.E.

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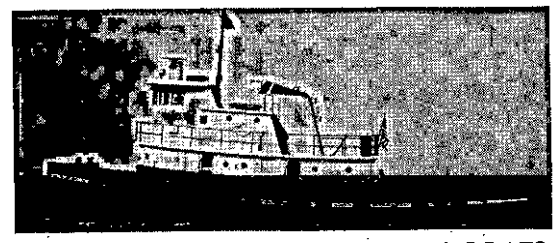

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Some Thoughts on Professional Engineers in Government

(Ed's Note: This letter indicates the activity and increased interest of Professional Engineers in Government).

Professional Engineers in Government is the name given to a functional committee within the structure of the National Society of Professional Engineers and each State Society of Professional Engineers. The group is concerned with matters pertaining to the engineer in local, state, and federal government. These matters include salaries, recognition, education, licensing, legislation, and all other things relating to professional development of the civil servant-engineer. **We in Government need to support this group, participate in it, offer our observations to it, and thus maintain a progressive and consistent awareness of our professional responsibilities in our work and in society.** One of the best reasons I can think of for our doing these things is summed up pretty well in a recent survey of the Government's image among engineers and scientists in private industry made by Careers, Inc., a National placement agency. The survey showed "how badly a career in the Federal Government compares in the eyes of men now working in private industry. It showed that the areas that appeal to top-flight men—'challenging work,' 'encouragement of initiative,' 'achievement of recognition'—are the very areas where the Government is weakest," says Careers' President William A. Douglas.

"Only in the passive appeals, such as 'security,' 'vacation,' and 'fringe benefits,' does the Government come out ahead. Obviously," stated Mr. Douglas, "the old cliche 'Government only needs better salary scales in order to compete with industry' does not tell half the story."

You will also be interested in about three significant developments in Government agencies and law this past year or so.

In August 1963 the Division of Research Services of the U.S. Public Health Service said they had recently instituted a policy to assure that Engineer-in-Training employees receive the professional supervision necessary to qualify for full P. E. registration. In a directive to all branch chiefs, Division Chief Chris A. Hansen said that in view of the trend towards registration within the Government, it is important that engineers in training be placed under the technical supervision of licensed professional engineers since registration boards normally require such supervision. Branch chiefs were requested to review personnel assignments in the light of this directive, and to consider reclassification of positions not meeting registration requirements for engineers-in-training.

In January 1964 the Civil Service Commission announced that non-degreed applicants for engineering positions in the Federal Government must qualify by successfully passing an Engineer-in-Training examination administered by a state engineering registration board unless he is already classified in an engineer position or has been registered as an engineer in any state.

In December 1964 the Attorney General of Arizona issued an opinion that a registered engineer must use his seal on all of his professional work (reports, calculations, specifications, drawings, etc.) even though he is an employee of a Government agency.

You can see from these examples the trend of engineering professionalism in Government is upward—requiring better qualifications—demanding of integrity. This will help elevate the image of the Government engineer reported in the Careers, Inc. survey cited above.

The ranks of the National Society of Professional Engineers and the State societies are growing each month. I like to think that my letters and conversation with you and others I meet contribute to this growth. Your similar efforts will be equally or more rewarding to you.

In my earlier letter I suggested you ask yourself the question "What am I doing about my profession?" The question is worth repeating to yourself often. The best way to find a real answer is through participation in the activities of your professional society, the National Society of Professional Engineers. Our regional states—Texas, Oklahoma, Wyoming, Colorado, Louisiana, Kansas, New Mexico, and Arkansas—all have state societies affiliated with the National Society. Each state society has local chapters in principal cities. Ask any registered professional engineer about it, talk to your fellow engineers in the office, write your society, or give me a call or letter here at the Regional Office.

ROBERT S. HARRIS, P. E. Regional Engineer
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PEE Newsletter Authorized

The Executive Board approved the following schedule:

a. First Issue: February 1966.

b. Second Issue: June 1966. Theme: Agenda of first general membership meeting.

c. Third Issue: Fall 1966. Theme: Presentation of reports given at Summer meeting.

Mailing List to be Established

A small mailing list has been established from individuals who responded to the clipping in the "American Engineer" and 200 individuals whose names have been submitted by the regional vice chairmen. This list is neither broad nor representative. The Executive Board took cognizance of the membership changes under consideration in the proposed plan for reorganization of NSPE, but decided that action to develop a more representative mailing list could not await implementation of the plan. Each regional vice chairman was directed to compile as complete a mailing list as possible of NSPE members for his region who are engaged in education. It was suggested that each state president be asked to appoint a member of his state society as a point of contact on matters relating to education. The state point of contact would compile the state list and would be the person with whom we could correspond on this and other section matters.

Goals of Engineering Education

The Executive Board reaffirmed the present NSPE procedure in meeting its responsibilities to this study. Every member of the PEE section has adequate opportunities to express his opinions through his individual educational institution. It was agreed that the voice of NSPE upon these goals should be the voice of the professional engineers in other than education.

$15 Million Plant

A new polyethylene plastic plant to be built at Lake Charles by Louisiana Polymers will cost about $15 million, Louisiana Gov. John McKeithen announced recently.

The company, a subsidiary of National Distillers & Chemical Corp., will build next to Columbian Carbon Co., which will furnish ethylene feedstock to the new plant and buy its entire polyethylene output. Columbian Carbon is a subsidiary of the Cities Service Co.

The plant, expected to be completed in March 1967 will be constructed by C. F. Braun & Co., the announcement stated.

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Professional Engineers In Education Functional Section Activities

President Thompson Welcomes New Section

NSPE President J. Neils Thompson, P.E., professor of civil engineering at the University of Texas, has issued a warm welcome to the newly-formed Professional Engineers in Education as the fourth functional section of the National Society.

"Speaking as president of NSPE," he said, "I am proud that this long felt need was filled during my term in office. Speaking as an educator, I look forward with interest to participating in the future activities of this important section of the Society."

President Thompson noted that while engineering educators are in a minority in the Society, they represent a function which is particularly important both to the engineering profession and the general public. "The future of the engineering profession is largely in the hands of that segment of the profession represented by this new functional section," he said. "It is vital that all responsible engineering educators do all they can to make this section a success. Like the other NSPE functional sections, it will look to its participants for guidance, suggestions, and support. I am sure it will not lack for any of these."

PEPP NEWS

Engineers in private practice need to be interested not only in the revisions or interpretations of the engineering registration laws, but also in the efforts of other professions to secure registration laws which might impinge on the rights of engineers.

The New Jersey planners registration law is one case in point (PPN, March, '66), but it is not the only one. The court decision in that case is now on appeal.

A few states have adopted licensing laws for landscape architects, and a bill for this purpose has been introduced in Arizona. The Arizona Society of Professional Engineers is studying it to determine whether it would, if enacted, create problems for registered engineers.

The geologists in some states are also pressing for state registration and a committee of the American Geological Institute has prepared a model statute for the guidance of those who want to move in the direction of state licensing. Severe controversies have developed in some states over the wording or interpretation of the jurisdiction of land surveyors to the exclusion of registered engineers.

The engineering profession does not and should not expect to have a monopoly on state registration for technical occupations, but it should and must be alert to these developments and be prepared to take effective steps to see that the registration of other professions does not lead to the ousting of the engineer from his rightful function.

Welcome to Professional Status

The following professional engineers were granted registration May 10, 1966 by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors:

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Albritton, W. F., Dallas, Texas
Alfonsi, J. P., Baltimore, Md.
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Aran, E. D., Bossier City, La.
Armbrust, P. H., Jr., Albuquerque, N. M.
Aymond, G. E., Alexandria, La.
Babin, D. W., Plaquemine, La.
Barnhill, K. G., Baltimore, Md.
Barrett, R. H., Birmingham, Ala.
Beadle, G. J., Beaumont, Texas
Best, D. M., Houston, Texas
Bethea, W. C., Baton Rouge, La.
Blaschke, E. H., Channelview, Texas
Boxx, B. W., Metairie, La.
Brassell, W. J., Slidell, La.
Brewer, F. M., Clarksdale, Miss.
Bryant, M. L., Norfolk, Va.
Burkett, P. W., New Orleans, La.
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Caulfield, H. C., Baton Rouge, La.
Clawson, C. H., Shreveport, La.
Comingore, B. J., Raceland, La.
Comstock, M. A., Louisville, Ky.
Creed, T. F., Jr., New Orleans, La.
Dabadie, J. W., Baton Rouge, La.
DeMasa, J. L., Salt Lake City, Utah
Engel, L., Riverside, Conn.
Farris, H. A., Sr., Austin, Texas
Faulkinberry, F. A., Birmingham, Ala.
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Grubb, D. B., Wharton, Texas
Heckman, F. D., Pampa, Texas
Helis, J., Lafayette, La.
Henry, L. W., New Orleans, La.
Horaist, A. B., Jr., Lafayette, La.
Jeanmard, E. F., Alexandria, La.
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Knapp, N. P., Baton Rouge, La.
Kuhnell, C. A., Jr., New Orleans, La.
Lagucki, E. B., New Orleans, La.
LeBlanc, A. S., Baton Rouge, La.
Lewis, C. I., Jr., Baton Rouge, La.
Lohn, C. E., New Orleans, La.
McCarley, J. N., New Iberia, La.
MacDonald, H. O., Jr., New Orleans, La.
McRee, B. C., Shreveport, La.
McWilliams, M. H., Shreveport, La.
Madison, R. L., Bellaire, Texas
Mitchell, G. B., Irving, Texas
Moore, T. C., Metairie, La.
Morgan, G. W., Albans, W. Va.
Moring, W. W., Lafayette, La.
Okes, S. R., Jr., Monroe, La.
Olson, G. A., Jr., Slidell, La.
Pourciau, R. A., Houma, La.
Rivers, J. V., Houston, Texas
Russell, W. F., Jr., Hueneme, Calif.
Ryther, F., Jr., Atlanta, Ga.
Samuelson, D. E., Long Beach, Miss.
Schweizer, L., Jr., Metairie, La.
Shaw, R. J., Houma, La.
Simon, T. A., Metairie, La.
Smith, R. E., Dillsburg, Pa.
Talbott, R. M., Metairie, La.
Thomas, I. P., Jr., Metairie, La.
Thomas, R. I., Metairie, La.
Thompson, B. C., Hopewell, Va.
Todd, G. L., Maplewood, La.
Vidrine, C. G., Ruston, La.
Vincent, B. R., New Orleans, La.
Wu, Shih-Hsuing, Ft. Lauderdale, Fla.

To Registered Professional Engineers and Certified Engineers in Training

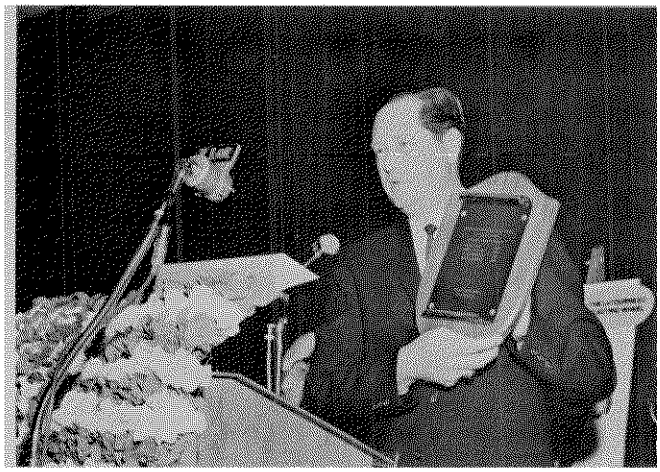
The Louisiana Engineering Society invites you to join the only engineering organization devoting all its efforts to the promotion of professionalism at the local, state and national levels.

If professional engineers are to achieve the professional recognition, economic advancement and social prestige they rightly deserve, they must join together in a strong united organization to educate the public, the employers of engineers, leaders in Government and all opinion-forming groups on the merits of the engineering profession.

Write to the Executive Secretary, Louisiana Engineering Society, 833 Howard Avenue, New Orleans, Louisiana, 70113 for information and application forms.

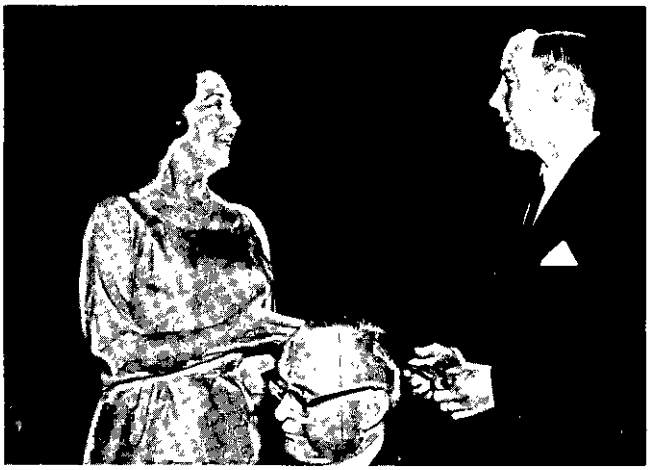
JOIN NOW! The Society needs your support and your Profession deserves it!

Lake Charles Engineers Week Activities



Ernest Levingston, P.E., Past President LES Lake Charles Chapter presenting Plaque with names of Otustanding Engineering Students of McNeese State College chosen each year by LES and presented at Engineers' Week Banquet to the College.

F. E. Leshe Chairman Engineers' Week, LES Adolph J. Jancz, Manager Lake Charles' Chamber of Commerce James E. Sudduth, Mayor, Lake Charles. R. G. Letourneau, R. G. Letourneau, Inc., Guest Speaker Engineers' Week Banquet.



Mrs. Richard See, Vice Pres. Women's Aux., Lake Charles Chapter LES presenting WALES award to Barry Thomas, outstanding engineering student at McNeese State College.

F. E. Lesh, Chairman Engineer's Week LES, H. R. Smith, P.E., LES, General Manager Cities Service Oil Co., Lake Charles operations. R. G. Letourneau, Guest Speaker Engineers' Week Banquet.

Memorials

EDWARD S. McROBERTS

Mr. Edward S. McRoberts, P.E., was born on March 15, 1904 and died February 16, 1966 after an extended illness. Mr. McRoberts attended grammar and high school in Texas. He completed an International Correspondence School course majoring in Mechanical Engineering, and special courses at several colleges. He served as a 2nd Lt. in the Infantry during World War II. He was a registered professional engineer in Louisiana.

He was a member of the Louisiana Engineering Society since 1948, National Society of Professional Engineers, American Petroleum Institute and American Ordinance Association. He wrote two technical papers dealing with economics of packaged compressors.

He joined AMF Beaird in 1944 and served as Assistant Chief Engineer, District Sales Manager in Caracas, Venezuela and Tulsa. At the time of his death he was a Sales Engineer.

Mr. McRoberts leaves a widow, Mrs. Robbie M. McRoberts, 6114 Henderson Street, Shreveport, Louisiana.

Emanuel Stravolemos, P.E.
Farrell Adams, P.E.

PURDUE NEWS

Lafayette, Ind.—The fifth Purdue University computer workshop for civil engineers will be held on the Lafayette campus Oct. 24-26. It is sponsored by the Purdue School of Civil Engineering in cooperation with the Indiana section of the American Society of Civil Engineers.

This year's sessions are planned for civil engineers with no previous computer experience. There will be instruction in elementary Fortran IV programming and matrix operations, and applications of computer techniques to the solution of typical civil engineering problems.

"Our objective," said Albert D. M. Lewis, conference chairman and Purdue professor of civil engineering, "is to show each user how to develop programs for his own work."

Computers and remote consoles for time-sharing systems will be demonstrated during the workshop by manufacturers' representatives. There will also be a tour of Purdue University's Computer Sciences Center.

For additional information, write to Prof. Lewis, Purdue University School of Civil Engineering, Lafayette, Indiana 47907.

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Tulane Announces Program of Study in Urban Planning and Urban Transportation

In recognition of the increasing emphasis in Urban Planning and Urban Transportation Engineering and of the vital role which the Civil Engineer plays in these fields, the Department of Civil Engineering at Tulane University is pleased to announce a new Program of Study in Urban Planning and Transportation Engineering for Civil Engineers at the graduate level.

This program will be implemented beginning in the fall of 1966 leading to a degree of Master of Science in Civil Engineering. The basic requirements for the program are the same as those of the Graduate School and can be found in the Graduate School catalogue. The program of study consists of an approved selection of courses from the following list of courses at the graduate level.

First Semester

CE 603	Advanced Highway Engineering I	3
CE 605	Traffic Engineering I	3
CE 607	Airport Design	3
CE 611	Computer Analysis	3
CE 615	Urban Planning I	3
CE 709	Engineering Economics III	3
	Transportation & Planning Seminar	–

Second Semester

CE 604	Advanced Highway Engineering II	3
CE 606	Traffic Engineering II	3
CE 616	Urban Planning II	3
CE 710	Engineering Economics IV	3
CE 717	Ports and Harbors	3
	Transportation & Planning Seminar	–

In addition to the above courses there are other courses related to Urban Planning offered in other departments, such as Architecture, Economics, Political Science, Public Health, Quantitative Analysis, and Sociology.

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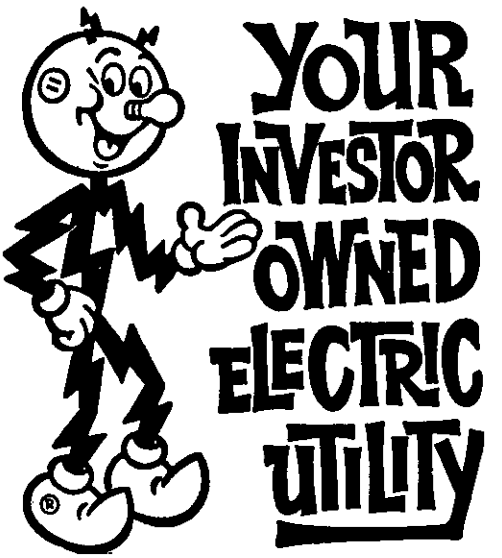

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LES Annual Meeting Set For Baton Rouge

Theme: "Public Relations and the Professional Engineer"

IT'S ANNUAL MEETING TIME!

The 1966 Annual Meeting will begin on Friday, July 22 at 10:00 a. m. in Baton Rouge, and will end on Saturday evening, July 23. From all indications, this will be one of our best meetings for the Baton Rouge Chapter has gone all out to make this a memorable gathering of the Society. The program will include outstanding speakers on the need and use of good public relations, plus timely subjects of interest to all engineers. The complete program and other information is scheduled to be sent to all LES members as this issue of the LOUISIANA ENGINEER is being prepared. This mailing will contain full information about the activities, the program, and the speakers that have been planned for members and their families.

Headquarters for the meeting will be the Jack Tar Capitol House, Lafayette and Convention Streets, in Baton Rouge. All sessions, activities and the exhibit area will be conducted at this hotel, except as noted. Reservations may be made direct to the Jack Tar Capitol House.

———o———

9:00 A. M.—Registration

10:00 A. M.—Exhibits open

10:00 A. M.—Welcome—
Review of 1965-66 Administration by Charles W. Stokes, President of LES
Plans for the 1966-67 Administration by Louis Duclos, President Elect, LES
Keynote Address: J. Mason Guillory, Vice President, New Orleans Public Service, and Recipient of the 1965 LES Public Relations Award

12:00 Noon—Technical Society Luncheons, ASME, AIEEE, AIChE

2:00 P. M.—General Interest Presentation

3:15 P. M.—Coffee Break

3:30 P. M.—General interest Presentation

6:00 P. M.—Cocktail Party in the Exhibit Area

7:00 P. M.—Exhibits Closed

8:30 P. M.—Presentation of Awards and Life Memberships.
Presiding: Louis Duclos, incoming LES President
Presentation of LES Civic Activities Medal—Andrew M. Lockett Award; **Jeffrey H. Collins**, New Orleans—Presented by Lionel Cucullu, Vice President and Chief Engineer of New Orleans Public Service
Presentation of LES Technological Accomplishments Medal: **Dr. F. N. zurBurg**, Lafayette—Presented by Dr. Claude Rougeau, President of the University of Southwestern
Presentation of the A. B. Patterson Engineer-in-Management Award: **Mr. Harrell R. Smith**, Lake Charles—Presented by former Governor Sam Jones

SATURDAY, JULY 23

8:00 A. M. to 12:00 Noon—Exhibits Open

9:00 A. M.—Public Relations Seminar
Panel I Public Relations with other Engineering Societies and Other Professional Associations
Moderator: Frank H. Walk
—How the PR problems of each society are related to the PR problems of the entire profession
—What each society can do to increase public understanding of the engineering profession
—What joint efforts the societies can make in an overall PR program for the profession
—What the PR people of other Professional Associations are doing to promote their professions

10:00 A. M.—Panel II—Public Relations with Representatives of the Mass Media (Radio—TV—Magazines)
Moderator: Waldemar S. Nelson
—What each medium is doing and can do to help increase public understanding of the engineering profession
—What information and co-operation each medium wants from Society to help improve the image of engineering
—What each medium thinks the engineering profession should do to help increase the public understanding of itself

11:00 A. M.—Open Forum "Where the Engineering Profession Goes from Here in Public Relations"
Presiding: E. J. McNamara
—How the audience views the PR problems of the profession, and what are the biggest problems
—How can the media become involved in improving public understanding of the engineering profession
—How all groups concerned with engineering can better organize and co-ordinate their efforts

12:30 P. M.—LES Functional Section Luncheons: Professional Engineers in Private Practice; Professional Engineers in Industry; Professional Engineers in Government

7:00 P. M.—Cocktail Hour

8:00 P. M.—Annual Banquet

Special Events For The Ladies

FOR THE LADIES

Hospitality Room—4th floor facing the pool

Open Friday—10:30—5:00 P. M.

Saturday—Noon—5:00 P. M.

Friday Afternoon—Shopping Spree—Baton Rouge ladies with cars to escort groups to Belmont—Bon Marche—Westmoreland Shopping Centers

Friday Evening—Cocktail Party in Exhibit Area
Even Meeting—Presentation of Awards Followed by Refreshments

Saturday Morning—Ladies State Advisory Committee Meeting

Saturday Noon—Luncheon—Village Restaurant

Saturday Evening—Cocktails—Annual Banquet

—o—

1966 Exhibitors

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The Metalock Corporation
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Menge Pump & Machinery Co., Inc.
RV Gildersleeve Company
Standard Brass & Mfg. Co.
Samuel Moore & Co.
LuMac, Incorporated
Ross & Pethtel, Inc.
R. J. Tricon Co., Inc.
Gamma Industries, Inc.
Jobsite Supplies, Inc.
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Southern Bell Tel. & Tel. Co.
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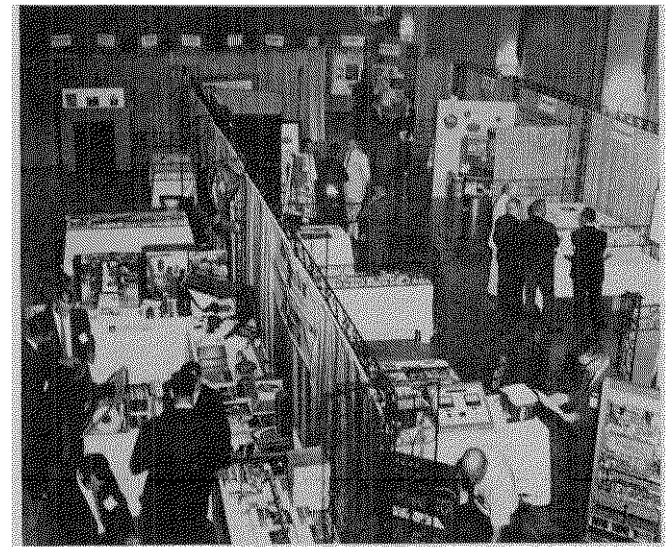
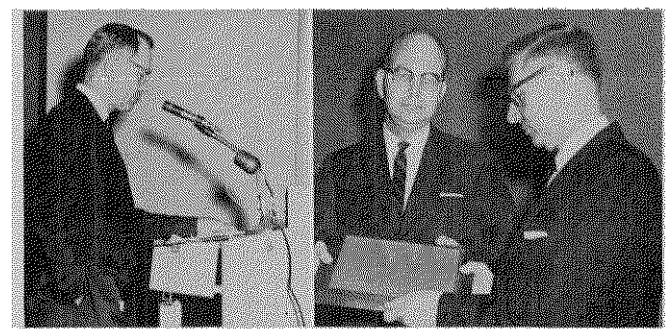
Addressograph-Multigraph Corp.
Lafaye Sales Engineers, Inc.
Charles Bruning Division of Addressograph Multigraph Corp.
Power Packing Company
WECO Division, FMC Corp.
Graf Arts Materials, Inc.
EPSCO, Inc.
Dixie Bearings Inc.
Frank F. McInnis Co.
Tube-Turns, Dir. of Chemetron
La. Power & Light Co.
Creole Engineering Co.
Vari-Typer, Div. of Addressograph-Multigraph
Lennox Industries

Photo Reminders Of 1965 Annual Meeting





Chapter News - - -

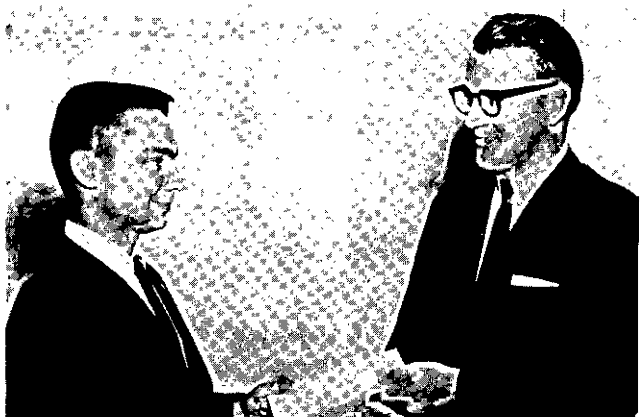
EDITOR'S NOTE: Chapter Secretaries are urged to send in reports of their Chapter's meetings, social functions, or other interesting activities.

The Baton Rouge Chapter of the Louisiana Engineering Society had its final meeting for the year with ladies at Sherwood Forest Country Club. There was good food and entertainment including a musical group from Glen Oaks High School named "Burgandy Brass."

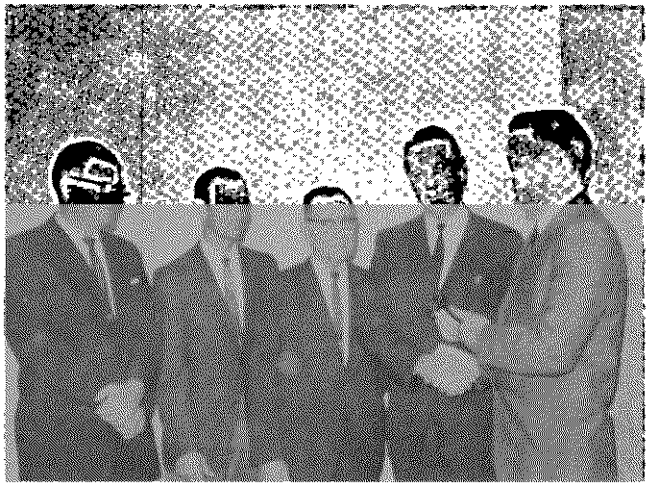
President Capozzoli reveiwed progress of the Chapter during his tour of duty including the scheduled 1966 meeting of the State Society in Baton Rouge which happened once before approximately four years ago, Newsletter, Engineers' Week activities, and progress in organizing and coordinating the activities of professional groups, especially the technical societies.

Dr. Capozzoli referred to 68 years of continuous organizational activity of the Louisiana Engineering Society and asked a number of individuals to stand up for recognition including the Auxiliary President Mrs. Burgess, and the immediate past president Mrs. Craft. After installation of officers there were nine past presidents of the Baton Rouge Chapter in the room including Mr. Jerry Affolter, Mr. Dave Carville, Mr. Truman Pounds, Mr. Doug Latimer, Mr. Nick Carter, Mr. Tom Alexander, Mr. Leo Odom, Mr. Louis Duclos, and Dr. Capozzoli.

The president of the State Society, Mr. Charles Stokes from Lake Charles addressed the group briefly and commented favorably on progress of the local chapter.

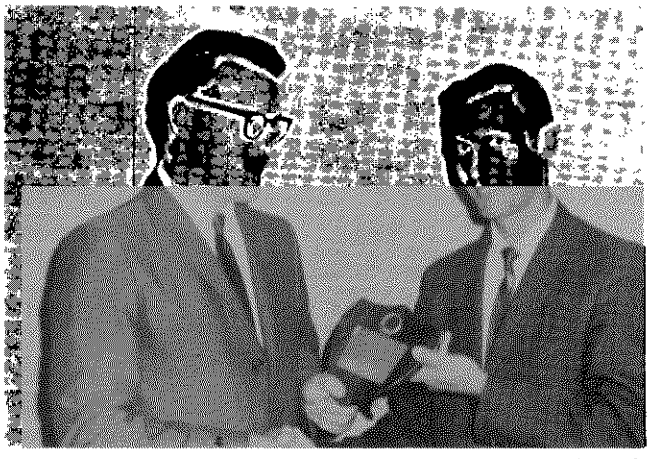


Shown at left is Michael J. Daly, son of Mr. and Mrs. Albert Daly of New Iberia, a junior majoring in Mechanical Engineering at USL, receiving the Louisiana Engineering Society scholarship for highest scholastic achievement in recognition of his proficient and high attainment in Mechanical Engineering at USL and for his contribution to the student chapter of the Louisiana Engineering Society at USL. Michael has also received the St. Mary Iron Works award for outstanding academic achievement. Shown presenting the Louisiana Engineering Society scholarship to Michael is Mr. Eugene Sellers, President of the Lafayette Chapter of the Louisiana Engineering Society.



Lafayette Chapter of the Louisiana Engineering Society installs new officers for the coming year. From left to right are: Frank Wright, United Gas, elected Secretary-Treasurer; S. J. Richard, SLEMCO, 2nd Vice-President; U. J. Gajan, General Manager SLEMCO, 1st Vice-President; John Huffman, United Gas, President and Mr. Eugene Sellers, outgoing President.

Shown receiving a plaque for Outstanding Member of the year is Mr. Albert H. Repscha. Presenting the award is Eugene M. Sellers, President of the Lafayette Chapter.



Shown receiving a plaque for Officer of the Year is S. J. Richard, Secretary-Treasurer. Presenting the award is Eugene M. Sellers, President of the Lafayette Chapter.

MONROE'S SECTION of the Louisiana Engineering Society awarded a certificate for outstanding service to Dr. J. J. Thigpen, head of the mechanical engineering department of Louisiana Tech. The presentation is being made by Ben T. Bogard (left), dean of the Tech School of Engineering.

Shreveport Annual Outing Meeting

There were 60 people present. The members and their wives plus Mr. and Mrs. Evan Campbell and Mrs. R. L. Davis' twin sister. Three were new members or have applications in process. All outgoing officers were present.

R. O. Beckham opened the business portion of the program. Hethanked the Auxiliary for their cooperation in making this a successful meeting.

O. T. Ice installed the new officers for the 1966-67 year. They were E. M. Jolly, President, H. L. Mitchell, First Vice President, James Mohr, Second Vice President and F. Adams, Secretary-Treasurer.

Evan Campbell, President of Science Education Council of Shreveport, presented E. M. Jolly with a Charter Membership Certificate for the Shreveport Chapter LES in the Council. He expressed thanks for our many members past help and leadership and the Chapters financial support.

The affair was handled by the Chapter furnishing the draft beer, cokes and coffee and the Auxiliary furnished the Bar-B-Q ham and bread. Each lady brought a covered dish which gave a more than ample supply of food.

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LES ANNUAL MEETING

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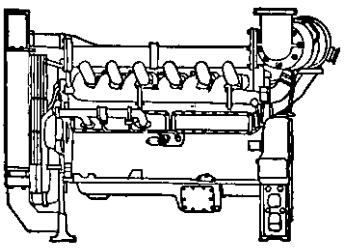

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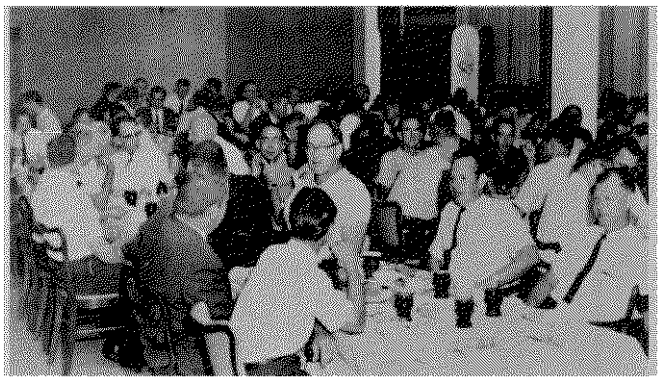
N. O. Chapter Holds Annual Outing



The second annual outing of the New Orleans Chapter of the Louisiana Engineering Society was held on Memorial Day, May 30, 1966, at Timberlane Country Club.

The outing was a tremendous success with 112 golfers battling the very difficult par 72 course. A great number of participants threw horseshoes and entered into the putting contest. Refreshments were served throughout the day, and the feature of the evening was a buffet and awards. Wayne Mack, the Sports Director for WDSU-TV was on hand to M.C. the show and make presentations. Almost 200 members and guests partook in the evening event.

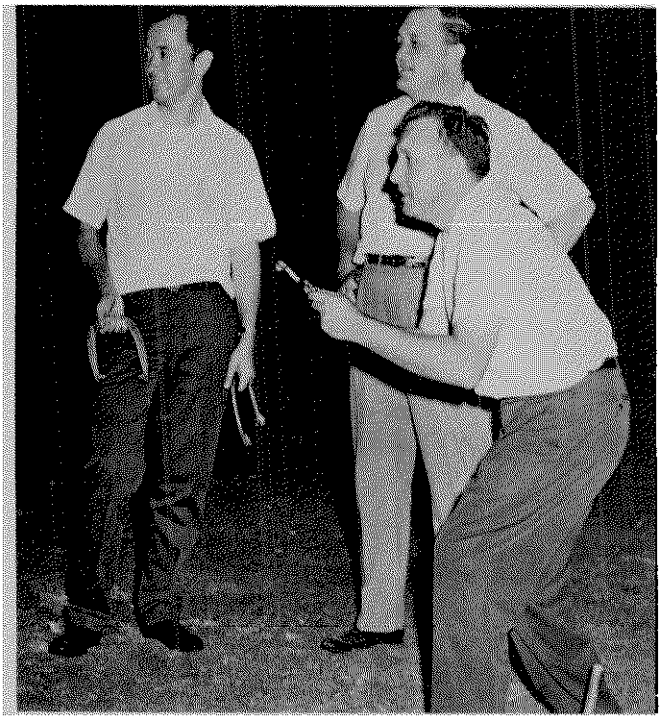
The awards were as follows:

GOLF: Members—Gross: 1. H. Armatic, 2. J. Bartlett, 3. E. Bridges. **Guests—Gross:** 1. Tom Sutter, 2. J. Brennan. **Members**—Net: 1. H. St. Paul, 2. B. Patia, 3. J. Grosch, 4. Mr. Bienevue, 5. E. Cambon, 6. W. Leake, 7. Mr. Tadd, 8. O. V. LeBlanc, 9. W. Williams, 10. H. Kellerman. **Guests—Net:** 1. B. Kirby, 2. L. Gilbert, 3. J. Benmeyer, 4. A. Weddle. **Closest to Hole:** A. J. Bartlett. **Members—High Gross:** K. Fredrick.

PUTTING: 1. L. R. Dartez, 2. Sid Lewis, 3. Mr. Brown, 4. Guy Seghers, 5. Mr. Sawalsh.

HORSESHOES: Singles champ—John Coles, Runner-up—Claude Kelly, Jr., Semi-Finalist—Clare Foreman, Semi-Finalist—H. W. Stumborg. **Doubles Champ:** 1. H. J. Martin and Carlos Cordon. **Runner-Ups:** 1. Dave Moynan and John Coles. **Consolation:** Winner—Gary Jacob, Runner-Up—A. I. Ory, Jr.

Prizes were donated by: Equitable Equipment, Construction Materials, Inc., H & H Construction Corp., Williams-McWilliams, Inc., Dickey Clay Mfg. Co., Waldemar S. Nelson Co., N. O. Blue Print, Boh Bros. Construction Co., Service Supply & Engr. Co., Lionel Favret Co., American Creosote Works, Armco Steel Corp.-Metal Prod. Div., Arthur C. Hays & Associates, Market Lumber Co., Coyne Const. & Engr. Corp., Boland Machine & Mfg. Co., Prestressed Conc. Prod. Inc., Standard Supply & Hardware, McLellan Equipt. Co., A. M. Lockett Co., Ltd., Duffers International, Mason-Rust, ETCO Engineers, Allan J. Harris Co., Delta Testing Lab., Betz Engrg. Sales Co., Orleans Materials, Eugene Dietzgen Co., Portland Cement Assoc., Smith & Davies—Engineers, Pittsburg Testing Lab., Freeport Sulphur Co., Fidelity & Deposit Co. of Maryland, Carl E. Woodward, Inc., Leo A. Daly Co., Gurtler-Hebert & Co., R. J. Tricon Co., Acme Marble & Granite Co., Walter J. Barnes Electric Co., Fromherz Engrs, Verlander Equipt. Co., Haag & Trammel, J. Ray McDermott & Co., C. W. Nussbaum Elec. Co., Jahncke Service, Ayers Materials, Agency & Distributor Sales, General Electric Co., Beldon Conc. Products, Gulf Engineering Co., Perrilliat-Rickey Const. Co., Gabler Insulation, General Industries Sales, General Electric Co., Metal Building Products, J. M. Jalenak Engr. Co., Walk-Haydel & Assoc., R. E. Gosa, Gulf Engineering Co, E. G. Boh Forest Products, Dixie Machine Welding & Metal Works, Gulf Engineering Co., T. L. James & Co., Alumaglass Corp., Distribution Equipt. Sales, General Electric Co., Shilstone Testing Lab., New Orleans Cement Products, La. Gas Service Co., N. O. Public Service, Gore Enineering, Generation, Transmission & Auxiliaries Sales Div., General Electric Co., United Gas Co., Willmet-Stouse Elec. Co., Creole Engineering Co., Edgar Murray Supply Co., Eustis Engineering Co.



Doubles Champs: L to R—Carlos Cordon and H. V. Martin.

L to R—Wayne Mack, Henry Armatis and Bill Le Corgne.

William R. LeCorgne was Chairman of the Outing and his committee consisted of: Guy J. Seghers, Jr., Vice Chairman; Sidney F. Lewis, IV, Prizes; Ronald P. Cressy, Tickets & Publicity; Howard McAfee, Golf & Putting; Norwood F. Hymel, Horseshoes; A. P. Morovich, Banquet & Refreshments.

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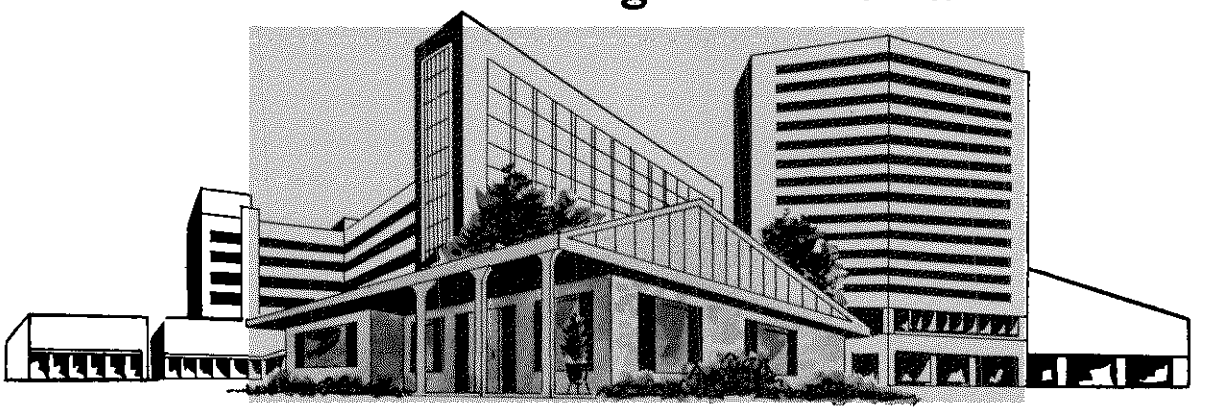

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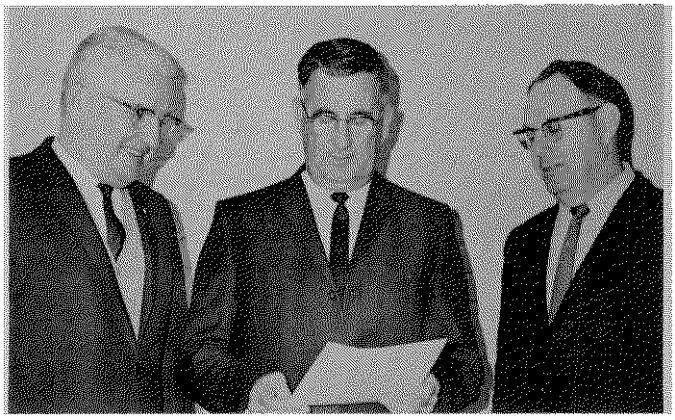

The 5th annual meeting of the Louisiana Land Surveyors Association was co-sponsored by the American Congress on Surveying and Mapping and was held at the Bellemont Motor Hotel in Baton Rouge, Louisiana, on January 27, 28 and 29, 1966.

Friday's session included lectures from the following: Louis C. Bisso, president of Planning Service Incorporated; Edward H. Sokolowski, of International Aerial Mapping Company; Ralph Ellis Gunn, Landscape Architect and Engineer; A. S. Zengel, president of Delta Abstract Company, Incorporated; and John Hanson Jackson, Attorney at Law.

Saturday's program was comprised of programs by Robert Young, The Lufkin Rule Company and Earle J. Fennel, vice-president of American Congress on Surveying and Mapping. Many exhibits also were included in the program.

When the lights go off...

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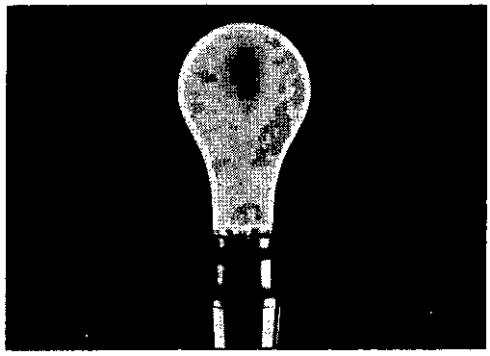

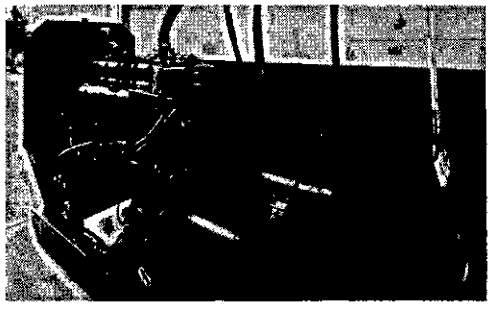

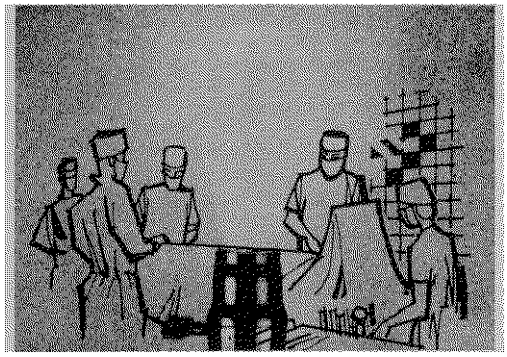

KOHLER 115 KW emergency generator in use at Dixon Memorial Hospital in Denham Springs, La.

NSPE News Notes

For a considerable period of time, the National Society of Professional Engineers has been working with the American Telephone and Telegraph Company on several aspects of appropriate identification of engineers in both the yellow and white pages of the telephone directories.

While the NSPE recommendation concerning listings in the yellow sections has not been universally accepted by the operating companies of the Bell system, I am pleased to be able to advise you that we have been notified by the AT&T Company that all Bell system companies, with the exception of the Wisconsin Telephone Company, have now agreed to permit the designation of P. E. for registered professional engineers on business service listings in the white pages of the telephone directories. This information should be widely disseminated to the registered engineers in each state.

The AT&T representatives advise us that they have received this information in most cases from the general directory manager of the respective Bell system companies.

———o———

The Annual Meeting of the National Society of Professional Engineers will be held July 6-9, 1966 in the Capp Towers Motor Hotel, Minneapolis, Minnesota. A Constitutional Convention will be held by the National Society in Minneapolis, July 5-6, to consider proposed changes in the Constitution of the 65,000-member professional group.

———o———

"Recent discussions of safety in automobile design indicate that the role of the engineer in the auto industry has in some instances been subordinated to other considerations," the Executive Committee of the National Society of Professional Engineers has stated.

In a meeting of state society presidents of the 65,000-member engineering group at Purdue University, the Executive Committee issued a formal statement urging the automobile industry to "take effective steps to revise this area of responsibility, and insist that considerations of engineering design be paramount, and that in the event of a conflict between engineering design factors and other considerations, the engineering factors take precedence."

The Committee's statement pointed out that "the recent Congressional hearings on automobile safety serve to illustrate and emphasize the responsibility of engineers for placing safety of the public over all other considerations." The statement called attention to the fact that the National Society's Code of Ethics provides that "the engineer will have proper regard for the safety, health, and welfare of the public in the performance of his professional duties. The Society's Board of Ethical Review, in interpreting the Code, has held that the engineer's duty to his employer is limited and conditioned by his higher duty to protect the public safety."

The Committee's statement also suggested that the automobile industry should "undertake a vigorous campaign to have engineers in responsible charge of design to be registered under the state engineering registration laws, as a minimum assurance that those engineers have met the standards for engineering competence composed by the people of the state."

Auxiliary News Notes

The Woman's Auxiliary to the New Orleans Chapter of the Louisiana Engineering Society will host their past presidents and charter members at their annual Founders Day tea on Tuesday, April 19th, in the Parish Hall of Christ Church Cathedral. Time is 1:30 o'clock, Mrs. Alvin C. Grevenberg will present a book review for the members and their guests.

Receiving with the president, Mrs. Thomas A. Fromherz, will be past presidents who include Mmes. James M. Robert, James M. Todd, Daniel S. Elliott, Frank G. Forst, Archie Lee Dunlap, Alvin M. Fromherz, John A. McNiven, Ernest L. Mire, Arthur Naquin, John L. Porter, Frederick H. Fox, Sargent F. Jones, George A. Heft, John K. Mayer, Mario G. Zervigon, Frank W. Macdonald, Walter E. Blessy, Charles J. Moseley, Albert J. Fransen, Lee H. Johnson, Frank C. Fromherz, Waldemar S. Nelson, Roy G. Cappel, and Otha E. Barron, Jr. Charter members also receiving informally will be Mmes. Wade Barnett, C. N. Bott, Ralph Earl J. McCormick Gondran, George R. Hammett, Paul F. Hoots, Harold A. Levey, John H. O'Neill, Walter H. Scales, A. B. Patterson, and David W. Stewart.

Pouring at the sherry table and the coffee services will be the officers of the current year—Mmes. John A. Haase III, Daniel H. Vliet, John P. Fernandez, Joseph R. Pezold, Edward McNamara, E. Landry Murphy, and Frank A. Birdsong. Committee chairman will ladle punch and assist in serving.

Spring flowers in tones of lavendar and pink will be used throughout the entertaining areas.

———o———

The installation of the 1966-67 officers of the Lafayette Chapter, La. Engineering Society Auxiliary. The luncheon was held at Don's Seafood Inn on May 7th.

Left to right are Mrs. James E. Reed Jr., president; Mrs. Eugene Sellers, vice-president; Mrs. E. Raymond Desormeaux, treasurer. Mrs. Sylvan Richard, secretary, was unable to be with us at the time the picture was made.

LES..... Gaining Strength With New Members

We welcome the following new members in the Society:

Alexandria Chapter

Ralph L. Gagnard, M.
Kenneth N. Williams, Sr., M.
Clement S. Yeager, Jr., M.

Baton Rouge Chapter

Paul A. Beckmann, Jr., M.
Richard H. Fergus, M
Bobby J. Kiper, M
Raoul R. Leroux, M
Russel A. Matherne, M
Wilmer J. Miller, M
Clarence A. Trowbridge, M
Harold R. Williamson, M

Lafayette Chapter

Dailey J. Berard, M
Kenneth E. Deal, M
Larry M. Hebert, M
Warren B. Hebert, M
Jay M. Moter, Jr., M
J. D. McGuirt, M
Gerald G. Reaux, M
Donald L. Richard, M
Gerald A. Dubroc, M
Calvin Courville, JM
George A. David, JM
Merle L. Hudson, JM

Lake Charles Chapter

D. Allan Collette, Jr., M
Leeland H. Jones, M
John H. Wolf, M
Billy R. Rentrop, M
Harold A. St. Dizier, AM
Kenneth A. Robb, JM

New Orleans Chapter

Errol J. Burke, M
Otto F. Diettel, Jr. M
James A. Evans, Jr., M
John R. Fielding, M
Robert R. Haase, M
Henry L. Hammett, Jr., M
Gerard J. Lovelace, M
John L. Montz, M
John W. Morris, M
Albert J. Wetzel, M
Edward A. Zbylot, M
Ronald P. Cressy, M
Dalton L. Wolverton, M
Henry J. Bryer, Jr., M
Frank H. Abene, JM
Frederick W. Harmeyer, JM
Charles Juergens, JM
John W. Theriot° Jr., JM
Edgar B. Daigle, r. JM
Larry D. Hamm, JM

Shreveport Chapter

Robert R. Aillet, M
Howard G. Angle, M
George T. Barnes, M
Johann R. Berry, M
Frank I. Burris, M
William S. Evans, M
William J. Googe, M
James G. Harriss, Jr., M
George Jambor, M
John R. Manning, M
Samiel M. Sharp, M
James W. Thrasher, M
Charles R. Vandewater, M
Carl B. Weidner, M
Jesa Krajner, AM

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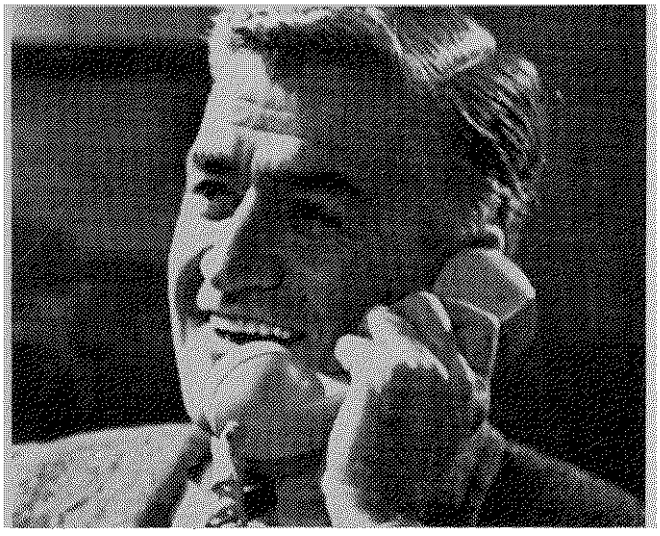

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Columbus, Miss.	328-3000	Memphis, Tenn.	526-0661

Daily Business Trends . . . WDSU—5:25 PM • Daily Business News . . . WWL—5:40 PM

LOUISIANA ENGINEERING SOCIETY

Board if Direction Meeting
SLEMCO Building, Lafayette, La.
March 24, 1966

President Stokes called the meeting to order with the following present: Messrs. Duclos, Nelson, Odom, Bubenzer, Knight, McCain, Sellers and Beckham. Also present were Earl Martin, LES Executive Secretary and Calvin T. Watts, Chairman of the Honors and Awards Committee.

Minutes of the February Board meeting were accepted as mailed to Board Members with corrections on a motion by Mr. Nelson and seconded by Mr. Odom.

The February financial statement was read by the Executive Secretary and accepted.

The report of the Honors and Awards Committee was read by Mr. Calvin Watts, Chairman of the Committee, presenting the following members for medal awards, and outlining the background of each recipient:

For the LES Civic Activities Medal—Andrew M. Lockett Award —Jefferson H. Collins, New Orleans.

For the LES Technological Accomplishment Medal—F. W. Zurburg, Lafayette.

For the A. B. Patterson Engineer-in-Management Award—Harrell R. Smith, Lake Charles.

Mr. Duclos moved that the committee's recommendations be accepted, seconded by Mr. Bubenzer and carried.

The report of the Nominating Committee, made up of Mr. Jack Knight, Chairman, and Messrs. Watts, Wallace and McDonald, recommended the following nominees for state officers for the 1966-67 administrative year:

For President-Elect—**Edward J. McNamara.**
For Vice-President—**Leo M. Odom.**
For Secretary-Treasurer—**John F. Vogt, Jr.**
For NSPE Director—**Waldemar S. Nelson.**
For State Director for 2 years—**Marshall B. Ewing.**
For State Director for 2 years—**Michael J. Cade.**

President Stokes asked Mr. Gene Sellers, Lafayette Chapter President and LES to report on the NSPE Constitutional Documents Committee meeting representative.

Mr. Sellers briefly outlined the recommended changes in the membership qualifications and other points of interest to LES as contained in his report. Comments indicate that probably most of a Board Meeting will have to be spent on this matter.

Mr. Duclos made a motion that the Board commend Mr. Sellers for his fine representation of LES at this NSPE meeting, and for the excellent report he has given. Mr. Nelson seconded the motion and it passed unanimously.

President Stokes asked for suggestions on the proposed Officers Indoctrination Conference Program, to be held in Lake Charles May 6 and 7. Minor changes were made in the time schedule and the Board accepted the program as proposed.

Col. Knight reported on plans for using the Chapter Evaluation program at the Conference. Col. Knight indicated that the Council of Past Presidents have decided to accept the NSPE format for this year because of the lack of sufficient time to make changes. He said the Council would like to have the present Chapter Officers fill in the forms and return them for evaluation before the Lake Charles Conference. This would provide pertinent information that could be emphasized to the new officers at the Conference. Mr. Nelson made a motion that Chapter Presidents be asked to fill in and return these forms as soon as possible. Mr. Duclos seconded the motion and it carried.

The Executive Secretary read a letter from Mr. Thomas A. Stokes, suggesting that refresher courses be offered to assist engineers in preparing for the registration examination. Mr. Martin stated that he had requested information from other state societies and had received only one reply to date. Mr. Odom stated that the Registration Board had not received very many requests for the type of program. Mr. Duclos recommended that the matter be tabled, since there did not seem to be too much demand, nor any apparent need for this program at this time. Mr. Nelson then moved the next order of business.

President Stokes asked for a follow-up report on the insurance purchased by the Society, who was covered by these policies. Mr. Martin stated that Mr. Vogt had checked all policies, discussed them with a local agent, and felt that these policies were in order, and that there was no overlap or double coverage.

The Executive Secretary gave a report on the membership drive, and his visits to chapter areas. A list showing how many members each Chapter had as of July 1, 1965 was distributed to be used as a basis for determining the membership contest winner.

President Stokes asked for approval of a resolution to the New Orleans Chapter for hosting the winter meeting. Mr. Duclos moved that such a resolution be prepared, it was seconded by Mr. Bubenzer and carried.

President Stokes asked for approval of a resolution of appreciation to the State Board of Registration for assistant in the LES Public Relations program. Mr. Duclos moved that such a resolution be prepared, it was seconded by Mr. Nelson and passed.

Mr. John McCain asked the Board's approval of a recommendation by the PEPP Section that all FHA offices in Louisiana be sent copies of the LES Fee Schedule and urge them to use this recommended schedule for work by consulting engineers rather than their (FHA) fee schedule which does not meet the recommendations of LES and other technical societies in regard to professional practice. Mr. Nelson suggested that the Louisiana Congressional Delegation be sent copies of this recommendation also. Mr. McCain put the PEPP Section request in the form of a motion, it was seconded by Mr. Sellers and passed.

President Stokes asked the Board's feeling on holding the April meeting in New Orleans, Thursday, April, 1966, probably at the Hilton Inn. There was no objection.

The meeting then adjourned so that Board Members could attend the Lafayette Chapter meeting.

LOUISIANA ENGINEERING SOCIETY

Board of Direction Meeting, April 14, 1966
Hilton Inn, New Orleans, La.

President Stokes called the meeting to order with the following present: Messrs. Fernandez, Odom, Johnson, Walk, Knight, McCain, Sellers, Poulan. Also present were Earl Martin, LES Executive Secretary and Sylvan Richard, Lafayette Chapter Secretary.

Minutes of the March Board meeting were acceped as mailed to Board Members with corrections as indicated.

The proposed changes to By-Law 6—Committees, as recommended by the Constitution and By-Laws Committee, increasing the membership of the various standing committees to two years to provide for more continuity from year to year was discussed.

Mr. Fernandez moved that the Board approve the proposed changes as indicated on the attached sheet which becomes a part of these minutes. It was seconded by Mr. Sellers and passed unanimously. President Stokes commended the Board for making these changes to strengthen the continuity of the work of state committees.

President Stokes asked for suggestions on how to improve Officers Conference attendance, and asked the Board members to urge all of their chapter officers and committeemen to attend, as this meeting could be most helpful in next year's administration.

President Stokes appointed a committee to prepare next year's budget and to negotiate contract with the Executive Secretary, composed of Messrs. Louis Duclos, Chairman, Ed McNamara, Vice-Chairman, and Nelson, Vogt, Odom and Knight as members.

The President asked for methods to determine the sentiment of LES membership on the NSPE changes, and explained that while NSPE wanted uninstructed delegates, he thought our delegates should vote the wishes of the membership. After various methods were discussed, Mr. Odom made a motion that a brief outline explaining the purpose and reason of the changes be prepared, along with a questionnaire; and these would be mailed out to each member. Mr. Sellers seconded this motion and it passed. The Executive Secretary was to prepare this outline and have it checked with out National Directors and Mr. Sellers.

Mr. Martin reported that the Annual Meeting Committee was making progress on final program and arrangements. He asked all Board members to cooperate in the solicitation of exhibitors and provided brochures for their use.

The proposed Amendment by the P.E.'s in Civil Service was discussed. The Bill was read. Mr. Odom reported that he and Mr. Ogden had met with the officers of this group and discussed this legislation. Mr. Odom and Mr. Ogden recommended that LES not support this proposed bill, and a letter from Mr. Wood Brown, Attorney for the State Board of Registration, outlining his views on this matter was read.

The Board asked Mr. Odom to let this group know that, while their aims and objectives are commendable, this particular action cannot be supported by the Society, and further, that the LES Board concurs in the recommendations of Mr. Ogden and Mr. Odom, and in the comments of Mr. Brown.

There being no further business the meeting adjourned.

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6-66

ASME Petroleum Div. To Hold Conference

The call to the 21st Annual Conference of the Petroleum Division of the American Society of Mechanical Engineers, to be held in New Orleans, Louisiana, September 18-21, 1966, has been issued by Frank H. Walk, General Chairman of Arrangements.

Walk said that the meeting will include some 30 technical papers. Site of the meeting is the Jung Hotel.

Executive Committee chairman of the Petroleum Division is E. C. Newton, the Atlantic Refining Company, Philadelphia, Pennsylvania.

New Orleans attractions for the delegates include historic Jackson Square and the Cabildo, locale of the signing of the Louisiana Purchase in 1803; Bourbon Street with its fun-filled night life; Rue Royale, antique-rich for shoppers; famous French restaurants; and restful Garden District with its colorful Ante-Bellum homes. The Mississippi River awaits, its steamboats ready to roll.

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Army Engineers Recommend Conversion

In a report issued April 4, the Army Engineers have recommended that the Red River in Louisiana, Arkansas, Oklahoma and Texas should be converted into a navigable waterway.

While the recommendation is not final, it is considered significant because the report shows the river could be a paying transportation project.

If the report is approved, Congress must appropriate funds with the total federal costs estimated at $476 million. This includes $141 million for bank stabilization work.

The Engineers recommended the construction of nine locks and dams from just above the confluence of the Red and Black Rivers to Daingerfield, Tex.

The feasibility study said that the river would return $1.20 for every $1.00 spent.

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Portland Cement Moves To New Office

NEW ORLEANS—The Louisiana District Offices of the Portland Cement Association have now been moved to the new all-concrete International Trade Mart Tower, District Engineer R. H. Kuhlman announced.

The 33-story Trade Mart, Louisiana's tallest reinforced concrete structure, is located where Canal Street meets the Mississippi River in New Orleans. The building was designed by architect Edward Durell Stone of New York and associate architect Robert Lee Hall of Memphis. Contractor is Bloomfield Building Industries of Memphis; structural engineers are Ellers and Reaves of Memphis.

The Trade Mart rests on more than 600 prestressed concrete piles, has reinforced concrete frame and floors, and precast exposed aggregate concrete exterior wall panels. The building has been featured in national architectural and engineering magazine advertisements, as well as in Fortune magazine, by the Portland Cement Association.

Mailing address for the new PCA offices will be:
403 International Trade Mart
No. 2 Canal Street
New Orleans, La. 70130

The PCA Offices had been located at 611 Gravier St. in New Orleans since the opening of the District Office in 1954.

New Engine Line Introduced

An entirely new family of high speed, compact, high output V-8 and V-12 Diesel and natural gas engines for the petroleum, marine, construction, power generation, total energy, military, municipal and mining markets was announced by Earl Bridges, Executive Vice-President of Reagan Equipment Company, 2230 Peters Road, Harvey, Louisiana and Jackson, Mississippi. The line, created by Waukesha Motor Company, is carried by Reagan Equipment Co. in the Louisiana-Mississippi area.

Mr. Bridges said that the new engine line is the result of over eight years of intensive research and studied review of field requirements and competitive products. Bridges pointed out that Waukesha is introducing the new line at a time when internal combustion engine power requirements are at an all time high.

The new engine features include an addition to compact, high output, high speed performance, and extensive interchangeability and economy of operation.

Waukesha is already working on non-magnetic versions of the new engines which are the first units scheduled as part of a Navy order in excess of $11 million dollars, awarded Waukesha last fall.

Waukesha Motor Company celebrates its 60th anniversary this year. In 1906 manufacturing began in a small building. The first engine was an automotive type gasoline engine which cost $12,000 to build. Since then the Waukesha Motor Company has become one of the oldest engine manufacturers with a continuous unbroken record of existence without reorganization or merger. Its reputation as a producer of durable high-quality engines also has remained unbroken and undiminished.

In the early years of the economy, Waukesha pioneered in truck assembly, replaced bulky steam engines with smaller, more powerful gasoline engines, and made dependable gasoline engines for farm tractors available to replace horses. Waukesha was established as the leading supplier of engine power to the oil field when the company introduced gasoline engine power to the oil field to replace the steam rigs then in common use. Today, the company is still the major supplier with an undiminished reputation for engines of integrity.

In the 1920's research engineers designed an octane rating engine, a laboratory instrument to test anti-knock qualities of gasoline. The new unit was approved by the U. S. Bureau of Standards and since then Waukesha has been the only manufacturer authorized to build it. They are in daily use in fuel laboratories throughout the world.

Waukesha designed the revolutionary L-head engine with an anti-knock combustion chamber in 1920 and three years later began work on the first commercial Diesel engines.

In World War II the company geared its operations to the production of war material. Under secret Navy contract, Waukesha developed a Compression-Ignition Diesel engine and the present line of Diesel engines incorporates a number of the advanced and proven features that were developed through extensive research during this period.

In the past ten years Waukesha has acquired the Climax Engine Manufacturing Co., LeRoi Division of Westinghouse Air Brake Co., Cerlist Diesel, Inc. and O&M Manufacturing Co.

LP & L VP Retires

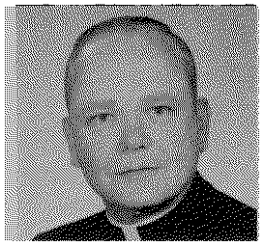
William T. Hess has retired as vice-president in charge of engineering for Louisiana Power & Light Co. after more than 42 years of service in the electric utility industry.

A native of New Orleans, Hess received his early education in public schools here and in 1922 graduated from Tulane University with a degree in mechanical and electrical engineering. Immediately following his graduation he was employed by the General Electric Co.

In 1924 Hess joined New Orleans Public Service Inc. as a distribution engineer. He went to Cuba in 1926 with the Phoenix Utility Co. as a distribution engineer, and returned to NOPSI as a commercial engineering assistant in 1927.

He joined Louisiana Power & Light Co. in 1928, the year after it was organized as a utility company, as commercial engineer. In this capacity, he was responsible for commercial and industrial sales.

In 1938, Hess succeeded W. O. Turner as chief engineer. He became vice-president and chief engineer in 1940. He was elected to LP&L's board in 1958 and was named vice-president in charge of engineering in 1964.



Engineer Ordained Priest

The Rev. Bernard A. Grehan, former member of the Louisiana Engineering Society while associated with B. M. Dornblatt and Associates, Inc. of New Orleans, was ordained a priest of the Roman Catholic Church May 28 in New Orleans.

A native of New Orleans, Father Grehan attended local schools, entering Tulane University at the age of 16. He graduated in 1942 with a degree in civil engineering. While at Tulane, he was elected a member of Tau Beta Pi, national engineering fraternity.

From 1942 to 1946, he served as an officer in the U.S. Navy. He received a Bronze Star for distinguished service as a gunnery officer in the Pacific Ocean theatre of war.

Upon his discharge from the Navy, the Rev. Grehan worked as a structural engineer on design of plant facilities for Freeport Sulphur Co., and from 1947 until 1960 was a principal and officer of the consulting engineering firm of B. M. Dornblatt and Associates, Inc.

He is a past president of the Louisiana section of the American Society of Civil Engineers, and was an active member of the Louisiana Engineering Society.

In 1960, the Rev. Grahn entered the St. Philip Neri school for Delayed Vocations in Haverhill, Mass. He earned a Master's degree in religion from Immaculate Conception seminary in Missouri, where he has studied for the past four years.

He was ordained May 28 in St. Louis Basilica by Archbishop Philip M. Hannan, and will serve as a priest of the Archdiocese of New Orleans.

Looking Back— 50 Years Ago

Excerpts from the April 1916 issue of The Proceedings of the Louisiana Engineering Society.

OUR SOCIETY: The following statement of the organization and purposes of the Louisiana Engineering Society was prepared by President Young for the Conference on Engineering Cooperation, held at Chicago, April 13-14, 1916. It is republished here not only for the interest it may have for our present members, but for the influence it may have in securing new members for the Society:

The Louisiana Engineering Society was founded in 1898, with a charter membership of 25.

Some of the motives which actuated those engineers who organized the Society were: a desire for a more comprehensive use of engineering literature, to be made possible by a combination of resources for that purpose; a sense of the advisability and the desirability of uniting for the promotion of better acquaintance and better understanding among the engineers of the State, with a view to a broader and a more useful interchange of ideas on engineering subjects; a general desire to build up a stronger feeling of good-fellowship and cordiality among the engineers of the community, embracing all branches of the profession.

During the 18 years of its existence, the Louisiana Engineering Society has grown steadily, both in numbers and its sphere of usefulness to the engineering profession. There are unmistakable signs of growing interest and loyalty on the part of the members, which, after all, are the best indications of healthy growth and real progress.

During the first year or two, the average attendance at the meetings was not more than ten or twelve, and often not even a quorum was present. It was difficult to secure technical papers for the meetings.

The present membership is about 250, and it is not unusual to have an attendance of 50 or 60 at a meeting. Meetings are held monthly, except during the months of July and August, and it is comparatively easy to secure a technical paper for every meeting. The Society provides light refreshments after every meeting, and by this means the members are kept together for 20 or 30 minutes of informal, friendly intercourse.

The Louisiana Engineering Society joined The Association of Engineering Societies in 1898 and maintained membership in that association until the end of 1914, at which time this society withdrew and began the publication of its own journal, known as "Proceedings of the Louisiana Engineering Society." The publication of this journale has been successful far beyond first anticipations, and present indications are that it will be an important factor in the future growth of the Society.

It was through the influence of the Louisiana Engineering Society that the Louisiana State law for licensing engineers and surveyors was enacted. While this law is not nearly perfect, or what the engineers, who were its sponsors, desire, still it is believed to be a step in the right direction and the best compromise that could be affected at the time.

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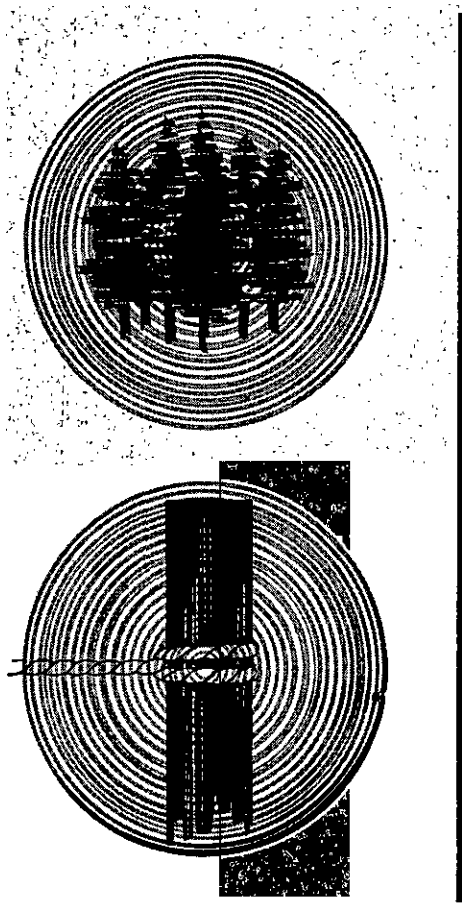

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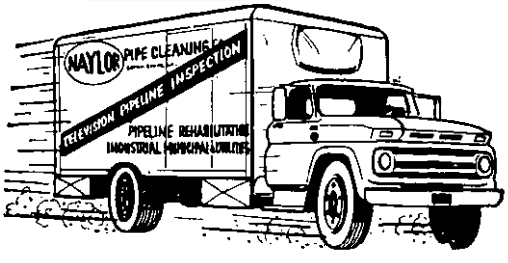

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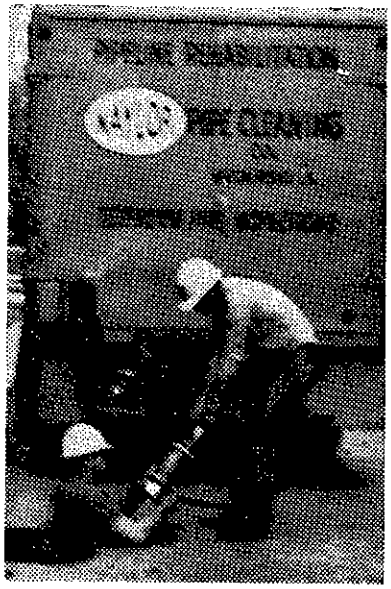

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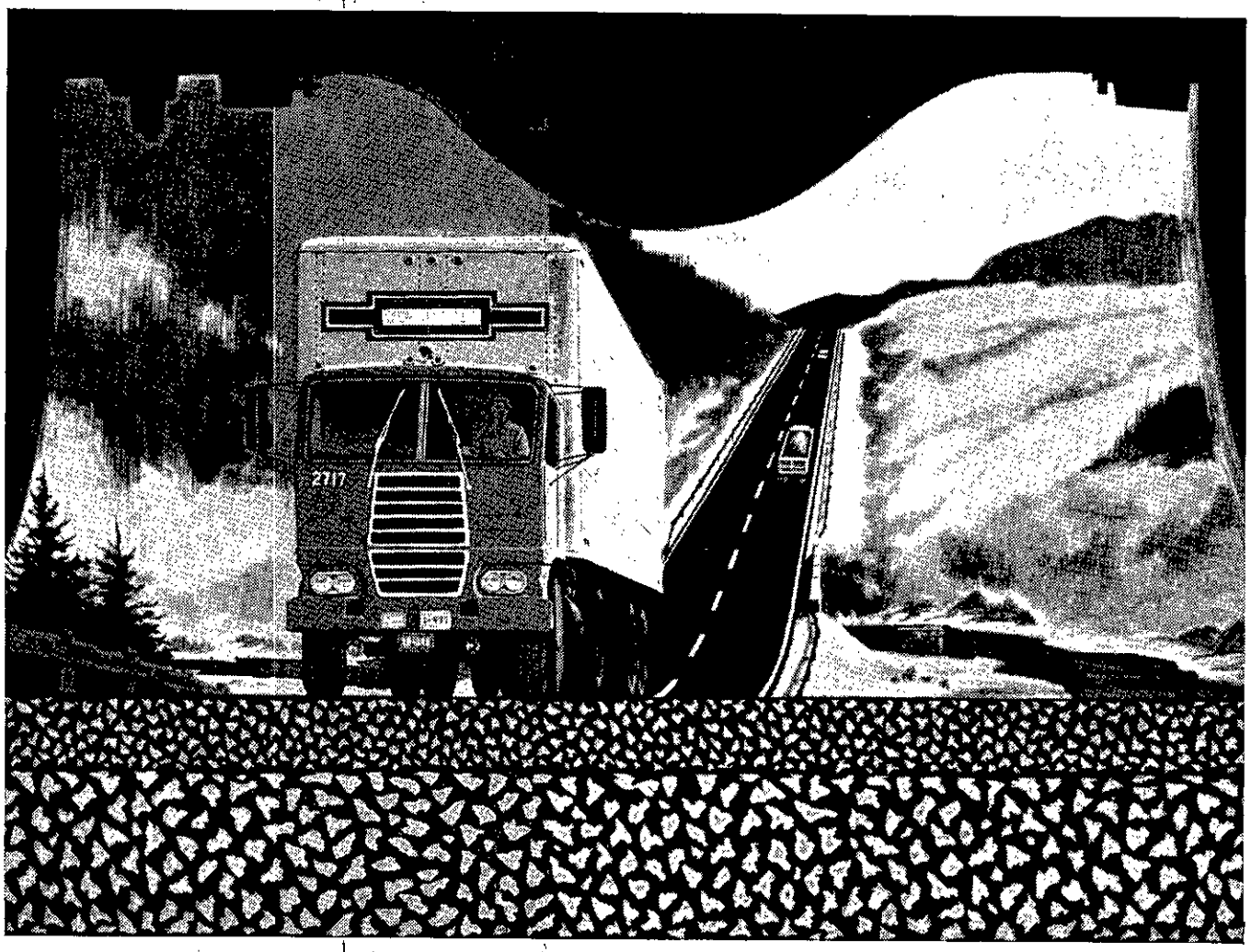

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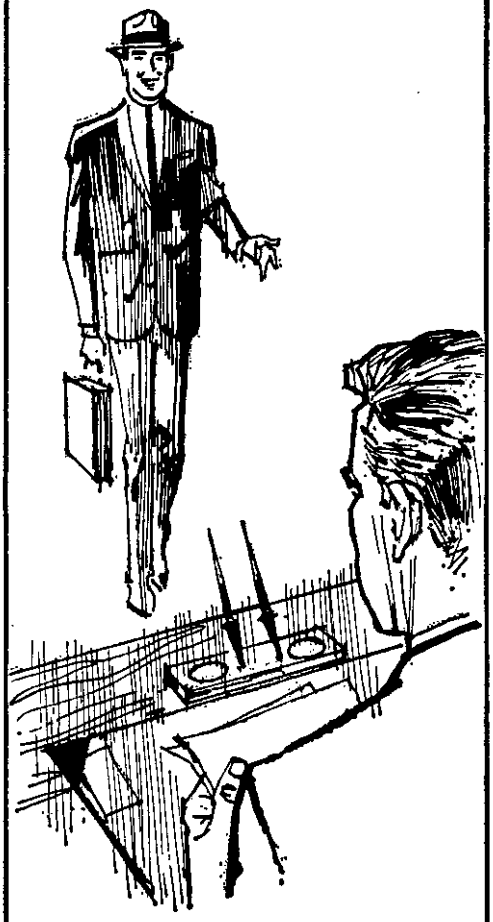

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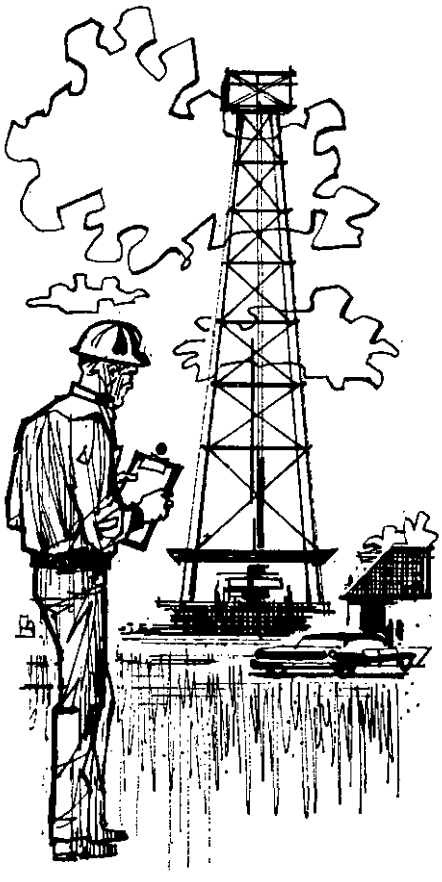

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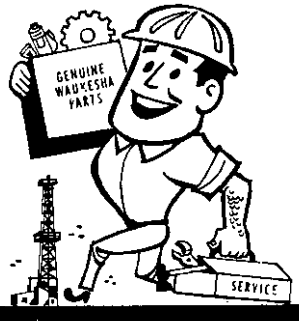

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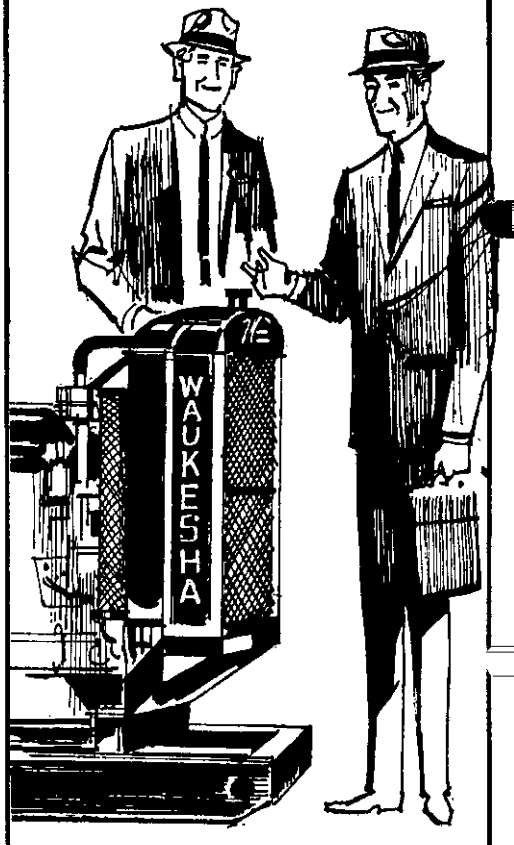

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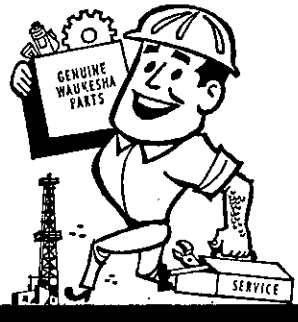

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LOUISIANA ENGINEER

Vol. 52 No. 4
August, 1966

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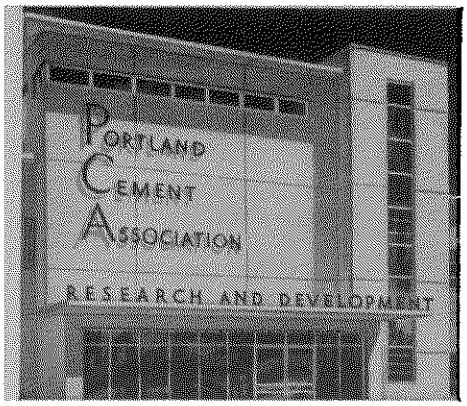

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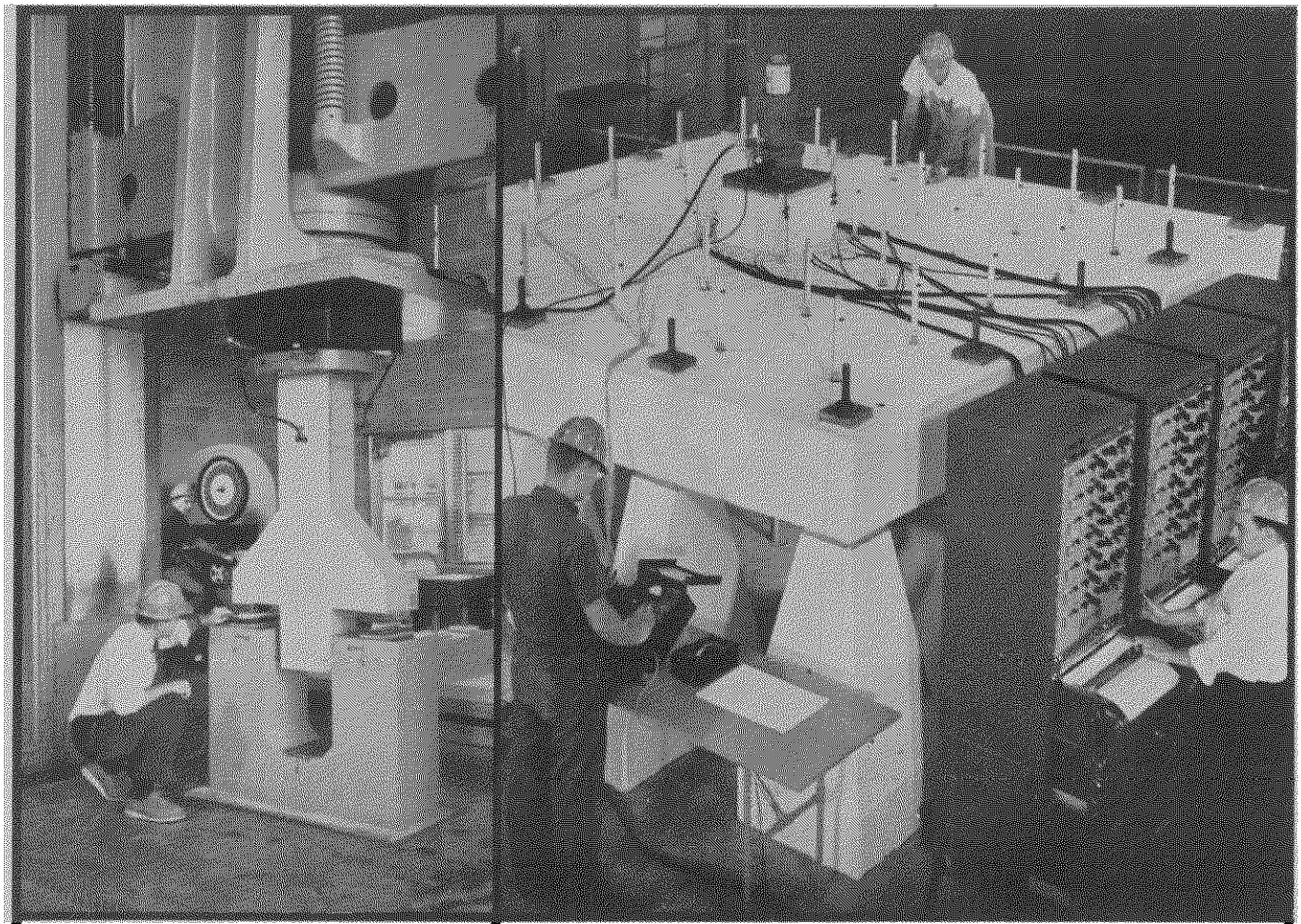

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A New Beginning . . . .

A new year of LES activities begins with the Annual Planning Conference September 9 and 10 in Alexandria. All who are concerned with LES are urged to come forward with suggestions, advice and assistance for the best interests of the Society.

Great progress has been made during our first year of readjustment and changeover. The framework for future development has been raised, and with the dedication and participation of the individual members at all levels, the Society should continue to grow and expand its service to the profession.

The Society needs your support, and your Profession deserves it!

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In the near future all second and third class mail—which includes this magazine—MUST be Zip Coded. So, if we don't have your Zip code—or if it's incorrect—please notify the LES office right away, so you won't miss an issue of The Louisiana Engineer.

The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society and of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and is published in February, April, June, August, October and December. Subscription $2.00 per annum; single copy 50 cents. Second-Class Postage Paid at New Orleans, La. The Louisiana Engineering Society and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors do not guarantee the accuracy of statements made or necessarily concur with opinions expressed in this publication.

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EJC NEWS

A 1966 edition of the **Directory of Engineering Societies** is now available from Engineers Joint Council. This edition has been revised and greatly expanded over prior editions, the most recent of which was published in 1963.

The 180-page directory contains basic information on national, regional, state and local organizations which are either primarily engineering oriented or have activities related to engineering. International and national joint bodies are also included.

This latest edition has features that did not appear in the earlier volumes. In addition to carrying the usual information on society addresses, names of chief staff officers, and publications, the 1966 Directory provides background on each organization's objectives, the names of all officers, and membership requirements. Valuable general information is also included on size of membership, dues, annual budget, number on staff, library services, founding date, and so on. Cost of the Directory is $6.00, prepaid.

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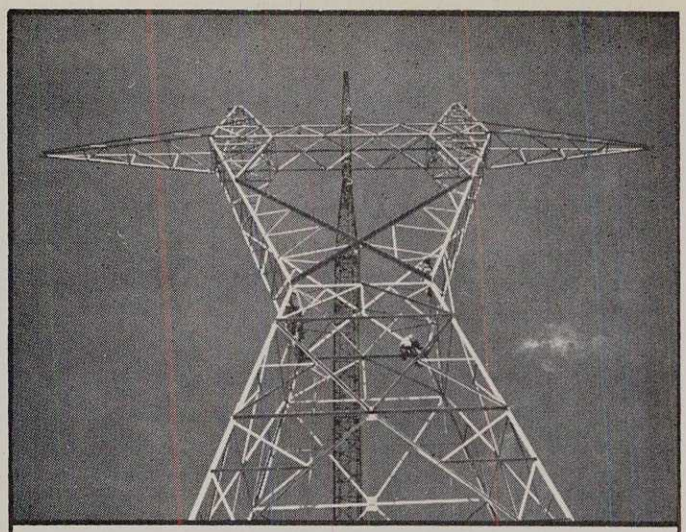

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ATTENTION
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Remember all of those times you read or heard about some activity regarding the engineering profession that you wanted to recommend to LES for further study and/or action? There is no better time than the Annual LES Planning Conference in Alexandria, Friday and Saturday September 9, 10, 1966, at the Bentley Hotel.

The prime purpose of this annual conference is the opportunity for each state committee of the Society to meet and formulate their plans for the 1966-67 administrative year. State chairmen and committee representatives from the chapters prepare the program of activity for each committee.

Please be reminded that this is one of the four annual gatherings of the Society, and that **all** members and interested engineers are invited to attend and participate.

Those activities you might like to have LES consider could be presented to the proper committee for study and the preparation of the necessary recommendation to the Board of Direction for further action. When the committee has suggested activities to consider at their first meeting, usually positive results can be achieved by the LES Board.

Committee meetings scheduled are: Public Relations (including Engineers Week activities); Membership; Ethics and Professional Conduct; Honors and Awards; Vocational Guidance; Legislative; Education; and the Ladies Advisory Committee.

Also meeting during this program are the Professional Engineers in Private Practice, Professional Engineers in Government and Professional Engineers in Industry Sections. These sections are concerned with the problems affecting the profession in their areas of work, and are interested in the improvement and recognition of professional engineers in these work classifications.

Every engineer interested in these various programs of the Society should mark his calendar and make reservations now to attend this meeting. The Alexandria Chapter is host for the meeting and will have the "Welcome" mat out for **all** LES Members.

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A Convention—

A convention is hard on a man. Sitting by the hour in stiff little chairs, crowded into inadequate meeting rooms with poor ventilation, listening at times to poor speakers who go on interminably about things you aren't interested in, standing in a crowded hallway between meetings paying a big price for lunches you don't really want. . . . . You know, if you've been there.

If you think that is hard, you ought to be on the convention committee. Of all jobs, this is one of the most wearing and frustrating. The people managing the convention usually work for a solid year before the big event, making a thousand arrangements that most of us never think about, find their plans changed a dozen times and, often, go into the last hours feeling that nothing is going to work out right. They are so harried and busy that they never realize that everything ran smoothly and the convention was a success.

Why have a convention? Why go to a convention? One cynic observed that a convention was held to raise money to pay for the convention. Is that all?

There was a time when I had the negative view of conventions when I could see only the hard part. I couldn't see where I got anything out of them.

But I was getting something out of these conventions, seminars and conference that I attended. Without realizing it, my interests were expanding. I was learning what other men were like, what their interests were. I was learning how narrow my own view was.

Conventions may be hard, physically, but they are especially hard mentally. Your mind is wrenched into unfamiliar channels. You are faced with ideas that are strange to you, with viewpoints that are in conflict with your own. Unconsciously you begin to consider the other side, to question your own knowledge and opinions. And this is where we begin to grow.

Some years ago, at an engineers convention, I heard a psychologist discuss the mentality of engineers. He understood us. He told us that many engineers wore blinkers; that they looked down their own particular road and refused to see anything on each side. He showed us that too many of us refused to join the human race. I have never forgotten the final remarks of that phychologist. He ended by telling us that he was talking to the wrong people; the engineers who attend these conferences are not the ones he was talking about. The people who heard him were part of the human race, they had entered the world.

I thought of this the other day when I listened to the exciting and startling words of Mr. H. P. Boncher of Dresser Industries. He will make you think. I don't entirely agree with him, but he certainly shook up my thoughts. This is much more important than the discomfort of a convention.

M. Woodard

ANNUAL MEETING Held in Baton Rouge

The 1966 Annual Meeting was called to order at the Jack Tar Capitol House in Baton Rouge, Friday July 22, by Dr. Louis Capozzoli, outgoing President of the Baton Rouge Chapter, who then introduced John Allphin, President Pro-Tem of the EBR Council. Allphin thanked the Society members for coming to Baton Rouge and extended to all the hospitality of the city. Capozzoli then turned the meeting over to LES President Charles W. Stokes, Lake Charles.

President Stokes introduced J. Mason Guillory, Vice President of New Orleans Public Service, who gave the keynote address and theme for the meeting "Public Relations and Professional Engineers." Guillory said that there is a need for more active participation by engineers in civic and public affairs to help enhance the prestige of the profession. He pointed out that, in general, engineers have not completely understood or been particularly concerned about public relations, and more emphatically, that the general public does not entirely understand or appreciate what an engineer is or what he does.

A highlight of the two day meeting was the large industrial exhibits of 37 manufacturers or their representatives showing pumps, piping, instrumentation, maintenance equipment and supplies, materials handling, computer and data services, nuclear services and electrical equipment.

President Stokes gave a review of the 1965-66 administration citing the re-alignment and re-adjustment of the Society, along with the opening of the state office with a full time paid Executive Secretary. Activities of the various state committees were briefly described by Stokes, who thanked the members of these committees for their work and accomplishments, along with thanks to the LES Board of Direction for their faithful attendance and service to the Society. The financial and membership reports of the Secretary-Treasurer, John F. Vogt, Jr. who could not attend, were given by Earl Martin, Executive Secretary.

John Fernandez

Waldemar S. Nelson

National Director John P. Fernandez reported on the NSPE Convention in Minneapolis, followed by National Director Waldemar Nelson, who reported on the NSPE Board of Ethical Review meeting. President Stokes gave the results of the NSPE Constitutional Convention, which preceeded the NSPE Meeting, particularly pointing out the requirements and rights of members and potential members.

James S. Janssen, Chairman of the Tellers Committee, then announced and introduced the elected state officers for 1966-67, and then introduced the Chapter Presidents for the year.

Friday afternoon discussions included, "Program for Industrial Development" by W. T. Hackett, Jr., Executive Director of the Department of Commerce and Industry, and "The Engineers Fuzzy Image—What Can Be Done To Charge It?" by H. P. Boncher, Vice President of Dresser Industries. Hackett gave details of the Department's PR program, what it has accomplished, and what results are expected in further industrial growth of the state. Boncher used colorful and informative slides to illustrate the results of Dresser's survey and the program the company has inaugurated to increase understanding and recognition of the profession.

H. P. Boncher, Dresser Ind. Inc.

Louis Duclos, President-Elect of LES, presided at the annual awards presentation Friday evening. Life Memberships in the Society were presented to: August J. Brodtmann, Leon L. deSalignac, O. H. Elverum, Lionel E. Flotte, Sr., James M. Fourmy, John A. Haase, III, E. J. Hagstette, Jr., Claude J. Kelly, J. Gilbert Scheib. Harrell R. Smith, General Manager of Cities Service Oil Co. in Lake Charles was presented the A. B. Paterson "Engineer in Management" award by former Governor Sam Jones. Dr. Frederick William zurBurg, Director of research at the University of Southwestern Louisiana in Lafayette, was presented the LES Technological Accomplishment medal by Dr. Clyde Rougeou, President of U.S.L. Jeffrey H. Collins, General Manager of the gas department of New Orleans Public Service Inc., was presented the Andrew M. Lockett Civic Activities medal by Lionel Cucullu, Vice President and Chief Engineer of New Orleans Public Service.

(Editor's Note: The presentation address on each of these awards were so outstanding that the complete text will be printed in succeeding issues of the Engineer).

The Lafayette Chapter received an Award for the greatest gain in new members during the 1966-67 administrative year. Eugene Sellers, outgoing Lafayette Chapter President, accepted the award for the chapter. Refreshments were served by the Baton Rouge Ladies Auxiliary to conclude the program.

Frank H. Walk

E. J. McNamara

Saturday's panels were on public relations with other professional associations and public relations with representatives of the mass media, followed by an open forum on "Where the Engineering Profession Goes From Here in Public Relations." Members of the first panel included Frank H. Walk, LES State Director; John Webb, President of the Louisiana Architects Association; B. B. Taylor, Jr., of the Baton Rouge Bar Association; and Dr. Joseph Sabatier, president of the Louisiana Medical Society. Members of the second panel included Waldemar S. Nelson, LES National Director; Allen Johnson, Public Relations Council; Bob Welch, Public Relations Director of WBRZ-TV; and Bill Bailey, Baton Rouge State Times reporter. E. J. McNamara LES Vice President presided at the open forum with all panelists participating in the question and answer session.

The meeting concluded with the Annual Banquet and dance Saturday evening for members and their wives.

STOKES REPORTS ON 1965-66 ADMINISTRATION TO LES

This administration in a sense was a historic one for the Louisiana Engineering Society. This was the year the New Orleans founder body of the Society became a chapter along with the other state chapters, by their voluntary action to enhance the Society's development. This was the year we opened a state office with full-time, paid Executive Secretary.

This was a year of readjustment and of learning. Fortunately there were many within convenient reach and we have called on many long-time LES members and past officers for information and for advice. I shall not try to name them, except one. Although this was the first year in over twenty that John Fernandez was not Secretary-Treasurer, he was called upon numerous times and of course was always helpful and had the answers we needed.

Finding ourselves with employees fully dependent upon the Society as their employer, it was necessary to set up necessary insurance to protect both them and the Society. The change in direction of expenditures made it desirable to set up a detailed budget to guide us in week-to-week expenditures. The previous experience of Secretary-Treasurer John Vogt in budget work became a valuable asset to the Society. His work gave us easy-to-follow guide lines, and we have come within very close tolerance of the original income-expenditure relationship we had established for this year of adjustment and changeover.

We opened our office at 833 Howard Avenue, New Orleans; in my opinion, it is functional and attractive and befits Louisiana Engineering Society. Our Executive Secretary, Mr. Earl Martin, and his Secretary, Mrs. Sandra Soileau, comprise our staff there.

Mr. Martin attended a meeting organized by the National Society of Professional Engineers for executive secretaries of the state societies. He also visited NSPE Headquarters in Washington. These meetings served to familiarize him with all NSPE membership and finance routines and with the various national programs. We also sent him to the NSPE Public Relations Seminar in New York. I believe the program of this Annual Meeting bears some imprint of Mr. Martin's attendance at that seminar. Mr. Martin will now fully handle publication of the **Louisiana Engineer** and will assume continuously increasing responsibility for advertising sales, in addition to directing our office.

I shall not take time here to detail the work of the state committees. In only one instance need I apologize for my lack of leadership in inspiring the committees to a full program of work. Otherwise the chairmen have worked on their own initiative, faithfully and productively; and several committees have worked in depth, that is, not only did the chairman spend hours in the Society's behalf, but he and numerous committee members traveled and spent hours together working on Society problems. I wish to take this means of thanking these chairmen and their committeemen for their efforts and their recommendations.

One committee recommended that all state committeemen be appointed for two-year staggered terms. This has recently been effectuated by a change in our Bylaws. I sincerely believe this is one of the most important steps taken this year. I am certain this improvement in committee continuity and experience will greatly benefit the society.

The Board established for this past year a committee comprised of the vice presidents and national directors to continue a study of the national, state and chapter constitutions and bylaws, and to maintain a file on suggestions for improvements. This committee has been most helpful, and I leave with you the recommendation that it be continued permanently.

The Committee on Functional Section for Professional Engineers in Industry acted as an emergency task force to prepare materials and organization to combat any unionization threats to industry-employed engineers. Fortunately, no threats occurred during this term, but the task force was ready. This task force-committee served in lieu of an organized functional section.

The Society supported the action by the Functional Section for Professional Engineers in State Government in expressing the view that for the benefit of the people of Louisiana the salaries of state-employed engineers should be adjusted to today's competitive levels.

The Society also supported the Functional Section for Professional Engineers in Private Practice in presenting to state government officials the accepted manner of selecting organizations for performance of professional work.

STOKES REPORTS (Cont'd)

The chapters throughout the state promoted a very effective Engineers' Week. I express for the Board, as well as for myself, our appreciation of the work and imagination so many people devoted to this important phase of our professional activity. The Engineer's Week Committee has made some good suggestions to improve this activity, and Mr. Martin will place these in the hands of the new committee and chapter officers.

One of our principal directions of interest was laying the groundwork for membership development. In addition to the Membership Committee's devoting study to this matter, the Board addressed itself directly to the problem. A seven-point program was evolved. We believe it is beginning to bear fruit.

Another point of emphasis this year has been increased services to the general membership. The obtaining of new members is only half the picture of increasing membership. We must **retain** more members. To do this we must provide the member with professional society benefits that will justify his interest and his dues. Since this must originate largely at the chapter level, we have attempted to interest the chapter officers in the chapter evaluation program. The chapters were asked early in the year to put these tools to work, and later the chapters submitted the initial evaluations for the Chapter Officers' Indoctrination Conference. We believe use of this program would improve all chapter activity and thereby our service to members; and I earnestly recommend its usage.

The Council of Past Presidents has been helpful to the Society in this endeavor. Past President Knight convened this group of men as a valuable asset of experience. I agree with Past President Knight that we should continue to avail ourselves of this reservoir of counsel.

Your National Directors, Mr. John Fernandez and Mr. Waldemar Nelson, represented us at both the Miami Winter Meeting and the recent Minneapolis Annual Meeting of the National Society. Also, Mr. Gene Sellers, Lafayette Chapter President, served on the NSPE Constitutional Document Committee. Your National Directors and State President represented you at the recent Constitutional Convention. We believe the proposed constitutional changes are a practical compromise and wish to have the opportunity to review it with as many chapters as will invite any of the three of us.

The recently adjourned session of the Legislature received the very close attention of the Legislative Committee, especially the chairman, Mr. Nash Ogden, and the Board Sponsor, Mr. Odom. Our Executive Secretary spent almost full time in the legislative circles while the legislature was in session, and Mr. Ogden reports Mr. Martin was very valuable and did a fine job.

I could mention other details of the year, and should commend numerous people for service. However, to delineate all would take too much of your time, and I know they did not perform these services seeking personal recognition.

I do want to especially thank Dr. Lou Capozzoli and Mr. Jerry Affolter and his fine Annual Meeting Committee, however, for all the work involved in providing these fine facilities and this program. We are all indebted to you, and it is obvious that you have been very successful.

Last, but not least, I do want to thank each member of the Board of Direction for faithful attendance and service to the Society. In addition to traveling miles to and from meetings and sitting through hours of business, they have each directly contributed to the success of the Planning Conference, to the Winter Meeting, the Indoctrination Conference and this Annual Meeting.

I have fallen short in some of my goals for the year. However, I have enjoyed serving you; it has been a high honor to have been your President. Thank you.

Respectfully submitted,
Charles W. Stokes, P.E.

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Looking Back— 50 Years Ago

Excerpts from the August issue of The Proceedings of the Louisiana Engineering Society.

A WIDE-AWAKE ENGINEERING SOCIETY.—The intersting and progressive activities of the Cleveland Engineering Society are well known to many of us, so it becomes of further interest to hear something of their most recent plans for development and growth. At their recent annual dinner there were present 310 members. Plans were announced by the new president-elect looking toward the raising of a fund of $200,000 for the purchase of a permanent home for the society, and also for a large endowment for the library.

A campaign for membership carried on during the second week in May resulted in the addition of over 300 names to the roll of the society, so that the total membership is now 1,130.

These figures seem large when compared with what we are doing here in our own society, but when we take them relatively, it will be seen that the Louisiana Engineering Society shows up well. With a total membership of 240 we had over 25% of them out at our last annual dinner. And while it may seem like an ambitious dream, there is no reason why our society may not look forward in the future to the time when, keeping step with the growth and development of this city and community, **we may be able to secure a home of our own with some of the features of a club to make it more attractive and more accessbile.** Looking backward ten years, how many of the members of that time would have predicted that we would some day be publishing our own journal and be so pleasantly quartered as we now are in our new rooms at the State Museum? Our Membership Committee has recently sent in a list of names which will add considerably to our numbers, and there is still work to be done along these lines.

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Chapter News - - -

EDITOR'S NOTE: Chapter Secretaries are urged to send in reports of their Chapter's meetings, social functions, or other interesting activities.

Shreveport

Plans are being formulated now for a meeting early in 1967 for area engineers, according to Marion C. Bubenzer, chairman of the Engineering and Scientic Council of Shreveport.

Bubenzer, an engineering consultant who recently was elected to head the council for 1966-67, said that the annual meeting of engineers is scheduled for late next February, but that planning already is under way by various committees of the council.

The meeting is a technical discussion session held on a weekend to attract the largest attendance of engineers. Members of eleven professional engineering groups, covering almost the entire field of engineering, are represented on the council.

Other officers are: L. L. Wreyford, Southwestern Electric Power Co., secretary, and Farrell Adams, United Gas, treasurer.

Commitee chairmen for the 1967 meeting are: E. M. Jolly,speakers; M. R. Kesling, banquet; Hartley Duncan, publicity; Martin McCoy, social hour, and Hillman Deaton, attendance.

Lake Charles

The annual meeting and ladies night of the Lake Charles Chapter, Louisiana Engineering Society was held at the Chateau Charles Restaurant's Magnolia Room on Monday July 11, 1966 with the social hour starting at 6:30 P.M. and dinner at 7:00 P.M.

After dinner entertainment was furnished by Mrs. Jo Ann Ellis, vocal solo, Mrs. Renda Harrington, trumpet solo and Mrs. Joyce Babbs, accompanist, all from McNeese State College.

Mr. Joseph M. Barbour, President of the Lake Charles Dock Board, spoke on "The Place of Southwest Louisiana in World Commerce." Mr. Barbour included highlights of his round-the-world tour to various port authorities made just recently together with Mrs. Barbour.

President Williams gave his report of the year's activities acknowledging the support of all the chapter membership with special emphasis on the work done by the operating committees and the executive board.

Gus Quinn presented Fred Williams with a Past President's Pin in recognition of his outstanding year as president. Then Mr. Quinn installed the officers for the coming year.

PRESIDENT, Tom Kirby
VICE-PRESIDENT, Rod Singleton
SECRETARY-TREASURER, Bill Miller

Fred Williams then presented Tom Kirby with the gavel who then adjourned the meeting.

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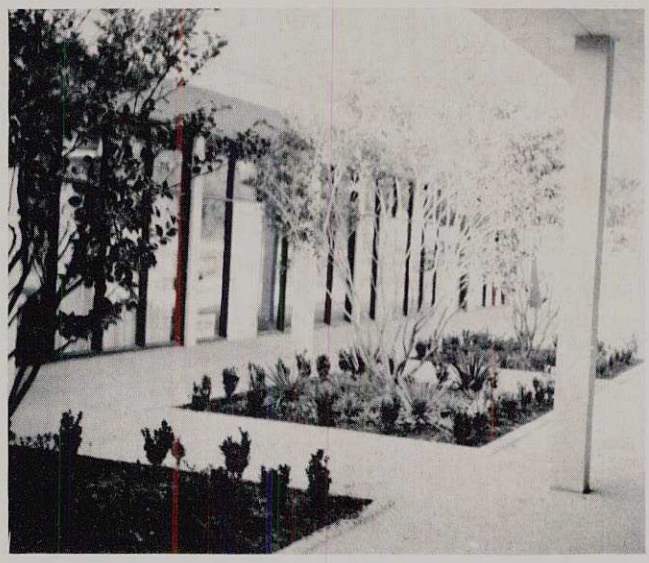

J. R. Whipple and Associates, Consulting Engineers, recently moved into new quarters in the "Circle Building" adjacent to the Florida Boulevard-Airline Highway interchange. The building features a paved court with covered walks and adjacent parking. The firm does design, equipment selection, specifications and inspections on mechanical and electrical systems for buildings and schools.

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James W. Watts, Jr., M

Baton Rouge Chapter

Frank C. DeJean, M
James W. Justice, M
Henry K. Schott, M
Michael D. Hebert, JM

Lafayette Chapter

A. H. Behling, M
Harvey L. Gold, M

New Orleans Chapter

Emilio C. Garcia, M
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James D. Maddox, M
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LOUISIANA ENGINEERING SOCIETY
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS
FOR THE YEAR ENDED JUNE 30, 1966

RECEIPTS	
Dues	$ 29,224
Advertising	13,061
Annual meeting—June 1965	4,954
Annual meeting—July 1966 (advance receipts)	2,785
State Board Contribution	7,000
Winter meeting	135
Interest—homestead shares	574
John P. Fernandez Gift Fund	281
Miscellaneous—sale of certificates, publications, etc.	80
Total Receipts	$ 58,094
DISBURSEMENTS	
Dues rebated	$ 14,865
Advertising commissions paid	2,377
Printing and mailing Publication	10,646
Annual Meeting—July 1965	5,196
Annual Meeting—July 1966	243
Winter Meeting	135
Salaries:	
Executive secretary	10,440
Stenographer-clerk	3,757
Assistant secretary	1,290
Public Relations fee	2,100
Social security tax	592
Travel expenses	4,198
Printing, stationery, office supplies and postage	2,800
Rent of office and utilities	1,484
Telephone and long distance	1,028
Committee activities	264
State Programs	477
Office equipment maintenance	260
Awards, scholarships, etc.	370
Auditor's Fee	330
John P. Fernandez Gift Fund	292
Miscellaneous expenses	1,035
Deposit in Greater New Orleans Homestead Association	7,000
Purchase of office equipment	1,163
Total Disbursements	$ 72,342
EXCESS OF DISBURSEMENTS OVER RECEIPTS	$ (14,248)
CASH BALANCE BEGINNING OF PERIOD—WHITNEY NATIONAL BANK	21,012
CASH BALANCE END OF PERIOD—WHITNEY NATIONAL BANK	$ 6,764

Note: Not reflected in receipts above are an increment in U. S. Savings Bonds of $64 and interest earned of $236 on optional shares account of the Greater New Orleans Homestead Association.

LOUISIANA ENGINEERING SOCIETY
STATEMENT OF ASSETS
JUNE 30, 1966 AND JUNE 30, 1965

	June 30, 1966	June 30, 1965
CASH:		
Checking Account—Whitney National Bank	$ 6,764	$ 21,012
UNITED STATES SAVINGS BONDS, SERIES J:		
(Maturity value $1,000 3/1/67 and $1,000 4/1/67) Redemption value	$ 1,936	$ 1,872
INVESTMENTS—HOMESTEADS:		
Columbia Homestead Association	$ 2,000	$ 2,000
Commonwealth Homestead Association	2,000	2,000
Greater New Orleans Homestead Assocation	10,393	3,157
Security Building and Loan Association	1,500	1,500
State Savings and Loan Association	1,500	1,500
Union Savings and Loan Association	1,500	1,500
Total Investments—Homesteads	$ 18,893	$ 11,657
LAPEL EMBLEMS ON HAND (at cost less sales)	$ 102	$ 117
TOTAL ASSETS	$ 27,695	$ 34,658
Net Decrease in Total Assets	$ 6,963	

ANNUAL MEMBERSHIP REPORT

July 1, 1965		
Members		1,280
Junior Members		265
Affiliate Members		190
Life and Honorary		109
		1,844
Gains		
Members	93	
Affiliate Members	12	
Junior Members	42	
	147	
Losses		
Resigned	31	
Deceased	11	
Dropped	59	
	101	
Net Gain		46
Total Membership		
Members	1299	
Junior Members	283	
Affiliate Members	199	
Life and Honorary	109	
	1,890	1,890

Highlights of NSPE Annual Meeting

Engineering education, registration requirements for faculty and students preparing for advanced degrees, and continuing education were among some of the major subjects discussed at the 32nd National Society of Professional Engineers' Annual Meeting held in July in Minneapolis, Minnesota.

Following two days of debate on proposed revisions in the National Society's Constitution, the Annual Meeting got underway with President J. Neils Thompson's "State of the Society" address before more than 400 delegates and guests.

Thompson praised the delegates for putting together a "strong" proposed Constitution and asked his audience "to look ahead at the potential with practice sections, mission oriented functional sections, member services, continuing education, public relations, and public service." He predicted an annual business of $1 million in member services within the next five years for NSPE, and in continuing education foresaw a program annually of two to five million dollars.

Thompson, professor of civil engineering at the University of Texas and director of the University's Balcones Research Center, reviewed the high points of his year as National Society president and stated that "the Society is challenged to move beyond its own concerns and the concerns of the individual engineer—and into the area of public service as well."

Some 50 educators and interested engineers attended the first major meeting of the Professional Engineers in Education functional section (PEE) and heard Dr. William K. LeBold, assistant to the dean of engineering, Purdue University, highlight the meeting with a timely talk on "Academic Views of Education," based on data received for the Goals Study on Engineering Education.

Dr. LeBold sharply pointed out that the research study indicates "that in order to obtain the increased scientific knowledge, the larger amount of social studies, and the greater amount of application which the engineer feels he needs today, the curriculum will have to undergo considerable changes. More graduate studies, possibly longer initial study, appear in the offing for our future engineers.

"The profession of engineering will most certainly increase in breadth to include the technology that is only now unfolding," he emphasized.

Utilizing slides in his presentation, Dr. LeBold outlined a section of the survey which attempted to link the amount of formal studies to registration and participation in professional activities. He pointed out that the study indicated that with increasing formal education the desire for registration and professional activities declines. "These results," he concluded, "emphasize the wisdom of the Constitutional Convention in recommending opening of the National Society membership to qualified, but nonregistered, engineers."

The engineers in education also expressed concern over the general attitude that engineering teaching and graduate study were not regarded as sufficient experience for licensing purposes. They noted that "engineering teaching is a field of engineering practice for professional engineers just as is practice in industry, government or private practice, and full time employment in any of these is engineering practice." The educators urged that NSPE state societies promote the necessary changes in their state registration laws in order to recognize teaching as full professional experience before the licensing boards.

In the area of member services, the Board of Directors was briefed on an NSPE contract with the Department of Defense to administer professional development programs for engineers and architects in fallout shelter analysis, environmental design, and protective construction.

Among other Board actions: Approval was granted for National Society participation in a construction industry arbitration program that will give recommended procedure for arbitration in the construction industry based on discussions between engineers, architects, and other interested groups. Approval was also given to a merger of the American Association of Engineers, which desires to liquidate its affairs, with the National Society.

The Board heard various committee reports from respective chairmen, in addition to reports on the major activities of the four National Society functional sections —professional engineers in education, government, industry and private practice.

The NSPE Award went to Carl Ernest Reistle, P.E., newly retired chairman of the board of Humble Oil & Refining Co. Reistle was cited for his "proven competence as an engineer, his contributions to professional engineering, and unselfish devotion to the service of his fellow men."

In his acceptance remarks, Reistle said he was deeply touched by the honor the National Society has seen fit to confer on him and noted that "to be so honored by one's profession is a gratifying and rewarding experience." His acute remarks were directed at the engineering profession, examining what an engineer is, his obligations to society, and how he can become more useful as a citizen and as a person.

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NSPE Constitutional Convention Report

By CHARLES W. STOKES, P.E.

Louisiana Engineering Society Delegate

Many NSPE members have long been concerned that the Society has not been attracting enough of the rapidly increasing total of qualified professional-level engineers. Percentage-wise, our membership has been on a plateau of only 12 per cent of this total for over 16 years. Literally hundreds of thousands of graduate, experienced engineers do not see any reason they should obtain a license so long as they do not sell their service directly to the public. The expanding number of engineering disciplines, the vast increase in the number of engineers in research, the mobility of so many engineers, and the inertia of the engineering registration laws have operated against the motivation to register. To represent the engineering body as its professional society, we must attract many more of these highly qualified but unregistered people. A committee of past NSPE presidents worked out what was termed the Long Range Plan. Laying the Plan before the membership evoked healthy dialogue in the society's philosophies, and particularly on the subject of registration for professional engineers not in any private practice endeavor.

Because of such divergency of opinion, NSPE President Niels Thompson appointed a committee of 36 persons, representing all three levels of NSPE organization, all functional sections, and all geographic areas. Mr. Eugene Sellers, our Lafayette Chapter President, was picked by President Thompson to represent chapters. This committee met February 11 and 12 in St. Louis and worked hard to put together a compromise proposal, which came to be known as the St. Louis document.

This compromise was the base on which the Constitutional Convention worked. This convention was comprised of each state President and the number of each state's National Directors to give each state one delegate vote for each 500 NSPE members. The convention met in Minneapolis July 5 and 6.

It was a true example of practical democracy. Every delegate, any alternates, and representatives of other engineering societies were given the opportunity to present their view. I believe I can assure each person here that whatever your feeling on any facet of the constitution, your views were presented by someone for the consideration of the convention body. I believe every conceivable side of the present constitution and of the St. Louis proposal was argued for.

Of course, most of the pro and con centered on the requirements and rights of members, specifically, whether a non-registered engineer possessing all the moral, educational, and experience qualifications of a professional engineer, other than registration, should be allowed full membership, or what type of limited membership should be granted him.

The St. Louis document provided for a member grade without registration, under the conditions that he be acceptable to a state society admissions Board, that he be of high moral character, that he had graduated from an ECPD approved college curriculum, had a minimum of 12 years of acceptable experience and that he be a full member of an engineering society approved by the NSPE Board.

There were many pleas appealing for the delegates to never relinquish the requirement of registration for full member grade, and indeed, as an essential for the epithet, "professional engineer."

There were many entreaties, on the other hand, to allow the non-registered the full member grade with minimum restrictions, as well as arguments for intermediate positions. The argument for full membership status for the large body of non-registered engineers is of course to attract into the Society this vast majority of the profession who are highly qualified engineers not in private practice and not required to be licensed.

Those of you who have not heard the results of the LES ballot will be interested to know that there were 191 votes to admit as members the non-registered engineer who had the qualifications outlined in the St. Louis document, against 110 nays.

Every change from the present constitution required a two-thirds vote for the detail to be included in the proposition to be presented to NSPE members for final voting.

I will briefly outline the more important changes to the present constitution which the Constitutional Convention proposes:

Art. II. To the present Objectives of the Society would be added the Society's effort to make registration more meaningful in terms of acknowledgement of individual achievement, and to urge registration by all qualified.

Art. V. (The Article receiving by far the most attention:)

Section 1. Membership will be designated as Member, P.E., Member, Associate Member, Surveyor Member or Student Member.

Section 2. Only Members, P.E. may hold the office of President-Elect and may vote on constitutional changes. All members other than Student Members may vote, and only Member, P.E. and Members may hold other elected offices.

Section 3. (a) **Member, P.E.** is a registered professional engineer. (b) **Member** is a (1) person of high moral character, (2) has graduated from an ECPD accredited curriculum, (3) has 12 years acceptable experience, (4) is a member of an engineering society in a grade approved by the NSPE Board of Directors, and

All of which is acceptable to the state society admissions board.

No person shall be accepted as member without registration after January 1, 1978.

(c) **Associate Member**—an (1) EIT or (2) graduate engineer pursuing an engineer career, (d) **Surveyor Member**—a licensed surveyor, (e) **Student Member**—undergraduate engineering student.

(Continued on Page 18)

Duclos Installed As LES President

Louis Duclos, LES's new president, is a native of Rayne, La. He received his Bachelor of Engineering in Mechanical and Electrical in 1925 from Tulane University.

He has been employed by consulting engineers in Louisiana and Arkansas, by the Louisiana Department of Highways where he served as Chief Planning Engineer until his retirement in June, 1964.

He was a member of the American Association of State Highways Officials, receiving a 25-year certificate. He served as Chairman of the Board of Trustees of the Louisiana State Employee Retirement System, President of the Highway Federal Credit Union, and Chairman of the Baton Rouge Credit Union. He also served as a member of the Advisory Committee to the Civil Engineering Department of Tulane University, received the 1961-62 award for Professional Development by the Baton Rouge Council of Engineering and Scientific Societies. He received the 1961 Charles E. Dunbar, Jr., Career Service Award by the Louisiana Civil Service League.

He is a member of the American Welding Society and the American Concrete Institute.

E. J. McNamara was installed as president-elect. He is a native of Thibodaux, Louisiana and a graduate of the School of Civil Engineering, Tulane University. He has been employed by Freeport Sulphur Company since 1937 in many varied capacities, and is presently an Assistant Vice President responsible for all engineering and research and development activities.

He has served in the U. S. Navy as a Civil Engineer Corps Officer both in World War II and the Korean conflict. He is a member of the American Society of Civil Engineers, the National Society of Professional Engineers, and is a registered civil engineer in the states of Louisiana, Massachusetts and West Virginia. He is a member of the Rotary Club of New Orleans, the Engineers Club and the International House.

Our President-Elect has served on the Board of Directors for several years both as a State Director and as an officer of the society. In addition, he served as the first President of the New Orleans Chapter when it was established.

Other officers installed were Leo M. Odom, Vice President; John F. Vogt, Jr., Secretary-Treasurer; John P. Fernandez, New Orleans and Waldemar S. Nelson, New Orleans, National Directors; Marion C. Bubenzer, Shreveport, Michael J. Cade, New Orleans, Marshall B. Ewing, Alexandria, Frank H. Walk, New Orleans and Charles W. Stokes, Lake Charles, state directors.

Ladies Advisory Committee Annual Report for 1965-66

The formation of the Ladies Advisory Committee was effected in July of 1965 at the request of the Louisiana Engineering Society, to serve as a focal point of information and assistance to both the L. E. S. and the several Ladies Auxiliaries in a Statewide basis.

In lieu of a Constitution and By-Laws, Rules of Procedure were drawn up and ratified by each of the Member Auxiliaries. A copy of these Rules of Procedure has been sent to the Executive Secretary of the L. E. S. and is on file.

A summary of the various activities of each Auxiliary follows:

Auxiliary:	L.E.S. Meetings:	Gift:*	School benefited:
Alexandria	3	$550.00	Louisiana Polytechnic Institute (2 Scholarships, 1 Student Loan)
Lafayette	2	none	This Auxiliary is only 1 year old, but hopes for Scholarship establishment
Lake Charles	7	$ 75.00	McNeese State College
New Orleans	2	$500.00	Tulane University
Shreveport	3	$200.00	Louisiana Tech, Ruston (2 Scholarships)

*This category includes Cash Gifts, Scholarships and/or Student Loans.

The above table reflects philanthropies at the Undergraduate level benefiting worthy students at each school. The New Orleans Auxiliary has setablished a Fellowship Fund for Graduate Students at Tulane University which now amounts to $13,773.38. This year, two awards were presented of $500.00 and $526.00.

In total, the Member Auxiliaries of the Ladies Advisory Committee have assisted their respective L. E. S. Chapters at 17 Meetings and have further been responsible for benefiting 9 students at 4 schools in the amount of $2,351.00.

Respectfully submitted:
Mrs. Thomas A. Fromherz,
Chairman, Ladies Advisory Committee,
1965-1966.

Constitutional Convention . . . . Cont'd P. 16

Art. VI. Dues shall be determined in the Bylaws, but shall not exceed $20.00 for Member, P.E.; Member; Associate Member and Surveyor; except that Associate Members under 30 years would be charged only $10.00, Student, $3.00.

Art. VIII. The office of President-Elect is added to the list of elected officers, and he becomes president the following year.

Section 2. Only Members, P.E. grade can serve on the nominating committee.

Art. XII. Practice Sections (slight change)

Art. XIV. Amendments (slight change)

Art. XV. Effective dates of Amendments:

a. Grades of membership and Board of Direction representation: January 1, 1968
b. Practice Sections: July 1, 1967
c. Office of President-Elect: July 1, 1968

There was considerable discussion whether the proposed changes should be submitted to NSPE membership as a whole, to vote for the whole or against it. The vast majority felt and so voted that it would be completely impractical to vote for and against portions—the resulting constitution would almost certainly be incongruous. Therefore, NSPE members will vote about February, 1967, to accept or to reject the complete changes as proposed by the Constitutional Convention. You NSPE members will be receiving copies in the next few weeks. Mr. Nelson, Fernandez and I would be glad to discuss these changes with the chapters.

NSPE Annual Meeting . . . . . Cont'd P. 15

Reistle said, "in light of the engineer's contributions to our economy and to society in general, no brief definition does the engineer full justice. Actually, he has always been, and is today, a maker of history. He has been challenged, on one hand, by the pressures of material needs from evolving civilizations. On the other hand, he has capably demonstrated his ability to meet those needs and has made his profession a potent evolutionary force in the development of our way of life."

The NSPE Industrial Professional Development Award went to the R. J. Reynolds Tobacco Co. of Winston-Salem, North Carolina, in recognition of the company's outstanding professional employment policies and practices.

At the close of the Annual Meeting, newly elected National Society President Thomas M. Linville, P.E., summed up the week-long activities and told the Annual Meeting gathering to "stop and realize that our profession is created by the education, training, and degrees that are given by our engineering colleges. It exists, and will exist, with us or in spite of us, with or without laws and regulations. It simply insists that we recognize the need for and difference between academic and legal titles.

"You don't give a man a bachelor's or master's degree in engineering and then turn around and say he is not an engineer. Furthermore, you can't question the fact that he has earned, possesses, and rightfully uses that academic title granted by an accredited school," Linville concluded.

ASME 21st Annual Petroleum Mechanical Engineering Conference

SEPT. 18-21, 1966
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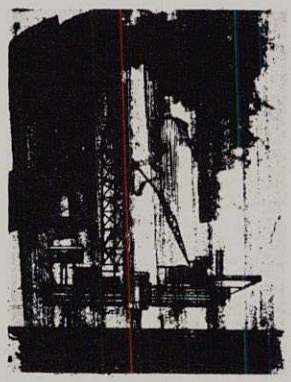

Preparations for the 21st Annual Petroleum Mechanical Engineering Conference, to be held at the Jung Hotel in New Orleans September 18-21, are being completed.

Frank H. Walk, New Orleans, General Chairman, has announced the program schedule for the meeting, expected to draw over 800 delegates from throughout the nation.

The conference is being sponsored by the Petroleum Division of the American Society of Mechanical Engineers, assisted by the Lubrication Division, the Underwater Technology Division and the Joint ASME-ASTM Committee on the Effect of Temperature on the Properties of Metals, and with the cooperation of the New Orleans Section of ASME.

Section-Division Conference arrangements committee includes Mr. Walk of Walk, Haydel & Associates, Inc.; G. C. Williams, Vice-Chairman, of Humble Oil & Refining Co., Baton Rouge; S. P. Bertrand, Secretary, of Walk, Haydel & Associates, Inc., Baton Rouge; C. J. Groh, Treasurer and Finance Committee Chairman, of R. J. Tricon Co., Inc., New Orleans; J. E. Mathews, Registration Committee Chairman, of Enjay Chemical Co., Baton Rouge; D. F. Farrelly, Hotel Committee Chairman, of Kaiser Aluminum Co., Arabi, La.; K. T. Geoca, Entertainment Committee Chairman, of International Lubricant Corp., New Orleans; A. M. Johnson, Publicity Committee Chairman, of Allen Johnson & Associates, New Orleans; M. A. Guillot, Plant Trips Committee Chairman, of U. S. Corps of Engineers, New Orleans; and Mrs. G. M. Haydel, Ladies Committee Chairman, of New Orleans.

Registration will open at 4:00 p.m., Sunday, September 18, and convention activities will conclude with 2:00 p.m. sessions Wednesday, September 21. All are invited to participate in either of two plant trips to the National Aeronautics and Space Administration's Michoud Facility (9:00-12:00 a.m. and 1:00-4:00 p.m.) Thursday, September 22. Trips are limited to 48 persons, however, and tickets should be purchased well in advance.

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LOUISIANA ENGINEERING SOCIETY

Board of Direction Meeting, Chateau Charles Motel
Lake Charles, Louisiana, May 6, 1966

President Stokes called the meeting to order upon arrival of the following: Messrs. Vogt, Fernandez, Odom, Walk, Bubenzer, Knight, McCain, Sandefur, Sellers, Williams and Cade. Also present were Earl Martin, LES Executive Secretary, M. Hurstell and J. Martinez.

The minutes of the April board meeting were accepted as mailed to board members with corrections as indicated. The secretary was instructd by the board to send a telegram to President-Elect Duclos expressing regrets at his inability to be present and wishing him rapid recovery from his illness.

The president was delegated the right to select alternates to the NSPE Constitutional Convention in the event that the designated representatives were unable to attend.

Mr. Odom stressed the importance of having proper personnel on all state boards and suggested that more attention be given by the board to the list of selections furnished the governor's office.

The April financial report was read by the secretary-treasurer, who also gave an analysis of expenditures for the year through April 30 as related to the budget estimate.

On motion by Mr. Williams, seconded by Mr. McCain and passed, the names of Messrs. Fernandez, Cade and Nelson were added to the existing list for authorized access to the safety deposit box at the bank. This action was taken at the suggestion of the secretary-treasurer to insure availability of two persons as required.

The format of the banner prize for the membership contest was discussed. On motion by Mr. Bubenzer, seconded by Mr. Williams and passed by two-thirds majority vote, a collapsible lectern with suitable engraving to indicate each year's winner was decided upon in lieu of a banner. Mr. Martin was instructed to proceed with the arrangements.

On the recommendation of Mr. Fernandez, the Board accepted the by-laws submitted by the Monroe Chapter. A set of by-laws was presented by the Shreveport Chapter which were referred to the Constitution and By-Laws Committee for review and recommendations.

Mr. Knight reported on the outcome of a recent meeting of the Council of Past Presidents, wherein the need for increased memberships was noted. Mr. Stokes requested that this committee study the problem of society membership and report at a later board meeting.

Mr. Martin gave a statistical report of the current status of membership by Chapters.

It was reported that the Scholarship Award was still in effect at U.S.L. and could be presented by the Lafayette Chapter.

There being no further business the meeting adjourned at 3:10 P.M.

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LOUISIANA ENGINEERING SOCIETY

Board of Direction Meeting
Hilton Inn, New Orleans, La., June 23, 1966

President Stokes called the meeting to order with the following present: Messrs. Duclos, McNamara, Vogt, Nelson, Fernandez, Odom, Johnson, Knight, McCain, Capozzoli, Sellers, Cade. Also present were Earl Martin, LES Executive Secretary and John Huffman, President-Elect of the Lafayette Chapter, T. J. Hogue, President-Elect of the Baton Rouge Chapter, Malcolm Hurstell, PEI Committee, H. Nash Ogden, Legislative Committee Chairman.

Minutes of the May Board meeting were accepted as mailed to Board Members on a motion by Mr. Duclos and seconded by Mr. Sellers.

The Financial Statement as of June 1, 1966 was read by the Secretary-Treasurer.

A motion to approve scholarships to La. Tech and U.S.L. was made by Mr. Fernandez seconded by Mr. Nelson, as 1965-66 finances.

The Budget Committee Report with reference to the employment of the Executive Secertary was discussed. Mr. Duclos made a motion that Mr. Earl M. Martin, Jr. be retained for the next year at the salary and expenses outlined in the committee's report. Dr. Capozzoli gave the second and the motion passed.

Those 59 members who had not paid their 1965 dues were dropped in accordance with Article IX of the Constitution.

Mr. Vogt reported on the P&G activity still pending from previous Board action, indicating that no letter had been written to present to the Governor with respect to the Civil Service recommendations on increased Salary Scales. He also reported that the PEP letter to the Governor regarding the suggested procedure for the selection of engineers for state work had been held up pending current legislation. Mr. Vogt also stated that letters to LES junior members inviting them to join NSPE as EIT's had been mailed.

President Stokes noted that the routine for induction of new members is slow and makes potential members lose interest. Mr. Duclos moved that the applicant be accepted as a member subject to the endorsements and final ballot, and further that the ballot be sent out when the number of applicants reaches 15 names properly endorsed, but not more than 1 every month nor less than 1 every 8 months. Mr. McCain seconded the motion and it passed.

Mr. Nelson moved that we pay for this year's issue of the Ladies' Auxiliary Handbook, it was seconded by Mr. Odom and passed.

In response to a request about Annual Meeting expenses for a Ladies Auxiliary Delegate, the Board took no favorable action, and referred this to the various chapters for their consideration.

Mr. Duclos moved that we revise the date of Alexandria Planning Conference to September 10, 1966. Mr. McNamara gave the second and the motion passed.

Annual Meeting Report was read by Mr. Martin, appraising the Board of the status of the meeting plans and program. The Board decided to hold its meeting on Friday morning at 8:30 rather than the scheduled Saturday afternoon time.

President Stokes appointed Roy Johnson, J. T. Knight, Jr., and James S. Janssen as the Tellers Committee to count and report on the election of officers.

Mr. Malcolm Hurstell reported on the Professional Engineers in Industry "task force committee," and said not too much interest had been evidenced by the membership, and recommended a strong commitee rather than a weak functional Section. Mr. Nelson moved that the committee go ahead with plans to form a functional section and continue to try and increase interest. It was seconded by Mr. Cade and passed.

The PEPP Report was given by Chairman John McCain, who advised the Board that A. J. Szabo of Lafayette had been elected chairman of the Section, with Charles Barnard of Baton Rouge, Vice-Chairman and Ralph Caffery of Lafayette as Secretary.

Mr. Nelson made a motion that copies of the NSPE Professional and Administrative Policies be obtained and be furnished to New Board Members who are not on the distribution list. The second was given by McNamara and the motion passed.

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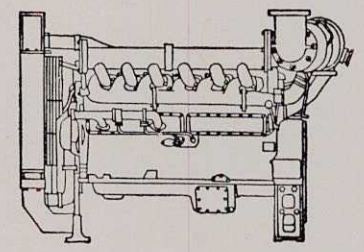

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Auxiliary News Notes

Mrs. John A. Haase, President of the Woman's Auxiliary to the New Orleans Chapter of the Louisiana Engineering Society has been appointed to the Ladies Advisory Board of the L.E.S. for the year of 1966-67—at the recent 1966 Annual Meeting of the L.E.S. held in Baton Rouge July 22 and 23. Mrs. Haase and the following ladies Mmes. Ronald P. Cressy, Jeffrey H. Collins, Martin Coopey, Roy G. Cappel, Harold F. Favret, Thomas A. Fromherz, Roy E. Johnson, Bernard Louviere and Edward J. McNamara attended and were entertained at a luncheon by Mrs. Ray Burgess, Pres. of the B. R. Aux. and her committee.

—o—

NSPE News Notes

"In the event of a conflict between engineering design factors and other considerations, the engineering safety factors should always take precedence," declared Paul H. Robbins, P.E., executive director of the National Society of Professional Engineers in answer today to recent statements concerning the engineering profession and its role in the gasoline, oil and natural gas pipeline industry.

The National Society reiterated its original position and emphasized again that it is the responsibility of the engineer to place safety of the public above all other considerations—regardless of other factors that may be involved.

Pointing out that the National Society's Code of Ethics clearlp states that "the engineer will have proper reard for the safety, health and welfare of the public in the performance of his professional duties," Robbins further pointed out that the Society's Board of Ethical Review interpreted this as meaning "the engineer's duty to his employer is limited and conditioned by his higher duty to protect the public safety."

In view of Ralph Nader's documented and acidly critical statements directed to the pipeline industry, Robbins strongly recommended greater emphasis be exercised by industry and management to have its engineers in responsible charge of design registered under the state engineering laws, as a minimum assurance that those engineers have met standards for engineering competence imposed by the people of the state.

"We're confident," Robbins said, "that if industry took this positive step and encouraged its engineers to meet the requirements for state registration, that industry itself would feel more secure in knowing that public safety is in the hands of qualified, competent engineers."

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Welcome to Professional Status

The following professional engineers were granted registration June, 1966 by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors:

Allison, J. C., Dallas, Texas
Allison, L. E., New Iberia, La.
Arledge, B. R., Lafayette, La.
Atchley, J. O., San Francisco, Calif.
Ayila, R. R., Metairie, La.
Badon, M. M., Mobile, Ala.
Barineau, G. W. III, New Orleans, La.
Beam, R. L., New Orleans, La.
Bean, E. F. Jr., Tyler, Texas
Beckwith, W. M., Richmond, Va.
Bird, R. B. Sr., West Monroe, La.
Biron, G. R., Woodbury, N.J.
Blanton, J. D., Marrero, La.
Block, J. T., Lafayette, La.
Bohneberg, H. A., Houston, Texas
Brennan, R. H., Houston, Texas
Broussard, L. P. Sr., Lafayette, La.
LeJean, B. A., Baton Rouge, La.
Les Roche, J. J., Marrero, La.
Bomatti, J. F., Houston, Texas
Donaldson, A. L. Jr., New Orleans, La.
Donnell, J. L., New Orleans, La.
Elliott, J. A., Jackson, Miss.
Ellis, W. F., Jackson, Miss.
Engel, D. J., Metairie, La.
Faulk, J. R., New Orleans, La.
Ficarro, S. J., Baton Rouge, La.
Finley, J. C., New Orleans, La.
Freels, R. B., Fort Worth, Texas
Fuhr, E. J. Jr., New Orleans, La.
Gaither, O. E., Lake Charles, La.
Garrison, E. W., Baton Rouge, La.
Gravis, C. K. III, Tulsa, Okla.
Gray, F. D., Bakersfield, Calif.
Gibson, V. E., Centerville, La.
Gillham, D. G., San Francisco, Calif.
Gloff, E. G., Lombard, Ill.
Gochenour, N. M., Lacombe, La.
Gossom, W. J., Hupntingdon Valley, Pa.
Goughnour, R. D., Mobile, Ala.
Greve, E., Wellesley, Mass.
Halop, J. T., San Francisco, Calif.
Hanson, V. L., Belmont, Calif.
Hare, G. R., Lafayette, La.
Harvey, E. W., Shreveport, La.
Holleman, A., Dallas, Texas
Hollins, W. G., Beaumont, Texas
Hux, O. F., Lake Jackson, Texas
Irizarry-Ceballos, R. A., Moss Point, Miss.
Johnson, R. D., Lafayette, La.
Kantor, P., Memphis, Tenn.
Kasten, D. O., Mobile, Ala.
Kilman, B. J., Oressa, Texas
LaGrone, W. D., Shreveport, La.
Lane, P. M., Shreveport, La.
Lane, W. H., Baton Rouge, La.
Latour, R. W., New Orleans, La.
Lawrence, R. D., Menlo Park, Calif.
Lehr, R. A., Baton Rouge, La.
Lenert, D. E., Houston, Texas
Lunardini, R. C., Jackson, Miss.
Maccaro, V. S., Setauket, L.I., N.Y.
Marshall, P. W., New Orleans, La.
Matherne, J. M., Baton Rouge, La.
McBride, W. E. Jr., Ruston, La.
McElhinney, W. W., Slidell, La.
McGaughran, J. P., New Orleans, La.
Meltzer, B. D., Jackson, Miss.
Millem, R. F., Shreveport, La.
Mills, J. L., New Orleans, La.
Milne, J. C., Portland, Ore.
Minhinnette, V. E., Baton Rouge, La.
Miranda, A. N. Jr., New Orleans, La.
Morgan, R. A., Baton Rouge, La.
Movassaghi, K., Metairie, La.
Ore, R. C., Baton Rouge, La.
Peel, C. L., Baton Rouge, La.
Pendegraft, T. F. Jr., New Orleans, La.
Porter, J. C., Baton Rouge, La.
Pucci, R. N., Bronx, N.Y.
Radcliffe, B. M., Dimondale, Mich.
Redmond, P. H., Hueytown, Ala.
Reed, A. L., Northbrook, Ill.
Remson, D. R., Gretna, La.
Rothgeb, W. L., Rockville, Md.
Salandin, J. W., Baton Rouge, La.
Schneider, J., Newton Ctr., Mass.
Sietman, W. F. Jr., Lake Charles, La.
Smith, B. D., Monroe, La.
Soefker, W. A. III, Memphis, Tenn.
Stewart, W. C., Mobile, Ala.
Stone, A. H., Wilmette, Ill.
Strother, J. G. Jr., Lafayette, La.
Taylor, F. G., Monroe, La.
Vallenilla, J. R., Mandeville, La.
Waters, C. H., Raceland, La.
Weeks, C. R., New Orleans, La.
Zambotti, B. M., Westwood, Mass.

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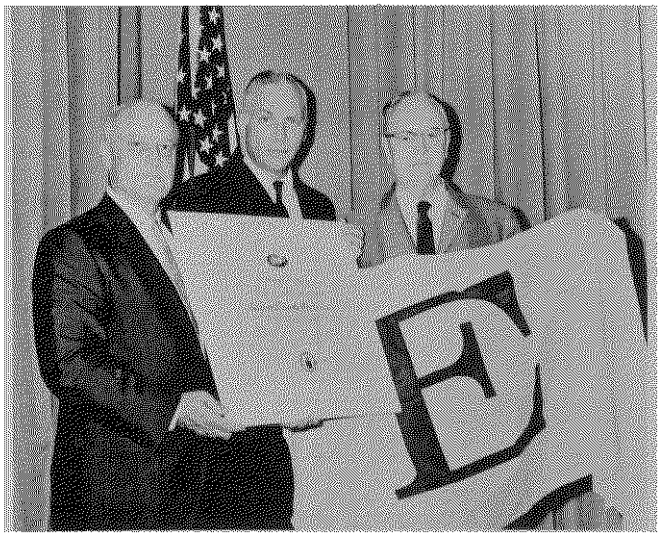

S. B. Braselman (center), president o fthe American Creosote Works, Inc., accepts the President's "E" Award and Citation for noteworthy accomplishments in foreign marketing. Judge Roy L. Morgan (left), director of the U. S. Department of Commerce's office of Field Services, Washington, made the award. Harry X. Kelly (right), chairman of the Regional Export Expansion council and president of the New Orleans Dock Board, assisted at the presentation.

The American Creosote Works, Inc., of New Orleans, has been designated by Secretary of Commerce John T. Connor to receive the President's "E" Award for noteworthy accomplishments in foreign marketing, the U. S. Department of Commerce has announced.

S. B. Braselman, President of American Creosote, who has been actively identified over the years with export promotion in the Mississippi Valley, spearheaded his company's overseas drive for more business.

Presentation of the "E" Award to American Creosote was made by Judge Roy L. Morgan, Director, Office of Field Services, Washington, D. C. Harry X. Kelly, Chairman, Regional Export Expansion Council and President of the New Orleans Dock Board, assisted in the ceremony at a luncheon meeting of the Export Managers' Club in New Orleans.

The "E" Award consists of a blue and gold citation signed in the name of President Johnson by Secretary Connor; an "E" flag and "E" lapel buttons.

The American Creosote Works, Inc., manufacturers of pressure-treated timber products, has five plants and sales offices throughout the country. It has been engaged in exporting almost since its beginning in 1901, pursued mainly through U. S. domiciled concerns having foreign operations. Recently, a more aggressive effort for expansion of export business was made with the formation of an Export Sales Department. Thereafter, export sales continued a gradual growth trend, with foreign commission sales agents being added to the marketing program.

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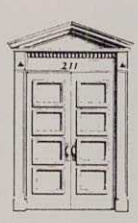

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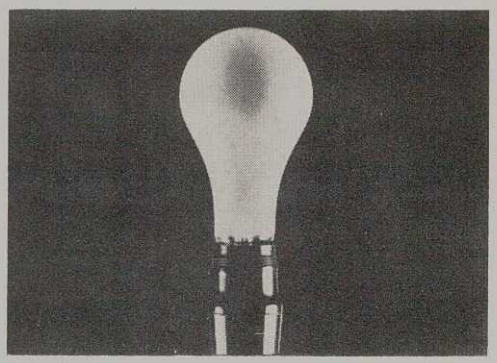

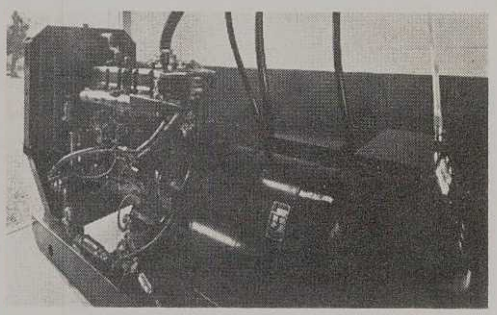

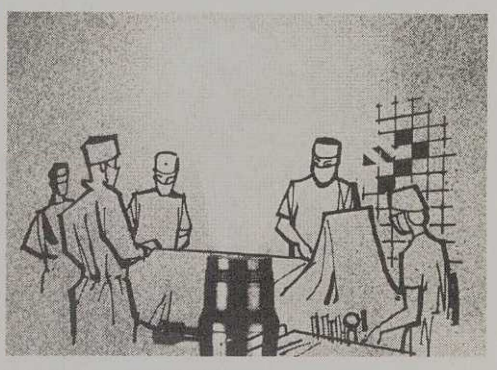

KOHLER 115 KW emergency generator in use at Dixon Memorial Hospital in Denham Springs, La.

ANNUAL MEETING PICTURES

C'mon Ben, Pay up!

Annual Meeting Committeemen Ken Daspit, Exhibits, Ray Pillow, Finance, Harold Beard, Arrangements and Jerry Affolter, General Chairman, L to R.

Pictured are Panelist Allen Johnson, P. R. Counsel, J. Mason Guillory, NOPSI, Keynote Speaker and Dr. Louis Capozzoli, Baton Rouge President, Welcome.

Saturday morning panel included B. B. Taylor, La. Bar Association, John Webb, La. Architects Association, Frank Walk, Moderator and Dr. Joseph Sabatier, La. Medical Society. L to R.

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A. J. Brodtman L, is presented Life Membership by President Duclos.

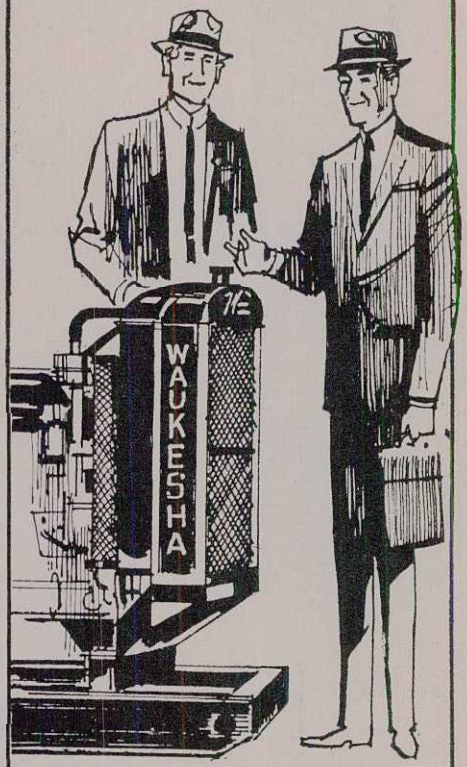
Lionel E. Flotte, Sr. L, is presented Life Membership by President Duclos.

John A. Haase, III R, is presented Life Membership by President Duclos.

Lafayette Chapter President Gene Sellers receives Membership Contest Award from Earl Martin, Executive Secretary.

Head table at the Awards Presentation included: Dr. F. W. zur Burg and Dr. Clyde Rougeou, Lafayette; President Duclos; Lionel J. Cucullu and Jeffrey H. Collins, New Orleans; Sam Jones and Harrell R. Smith, Lake Charles.

POWER PACKAGE



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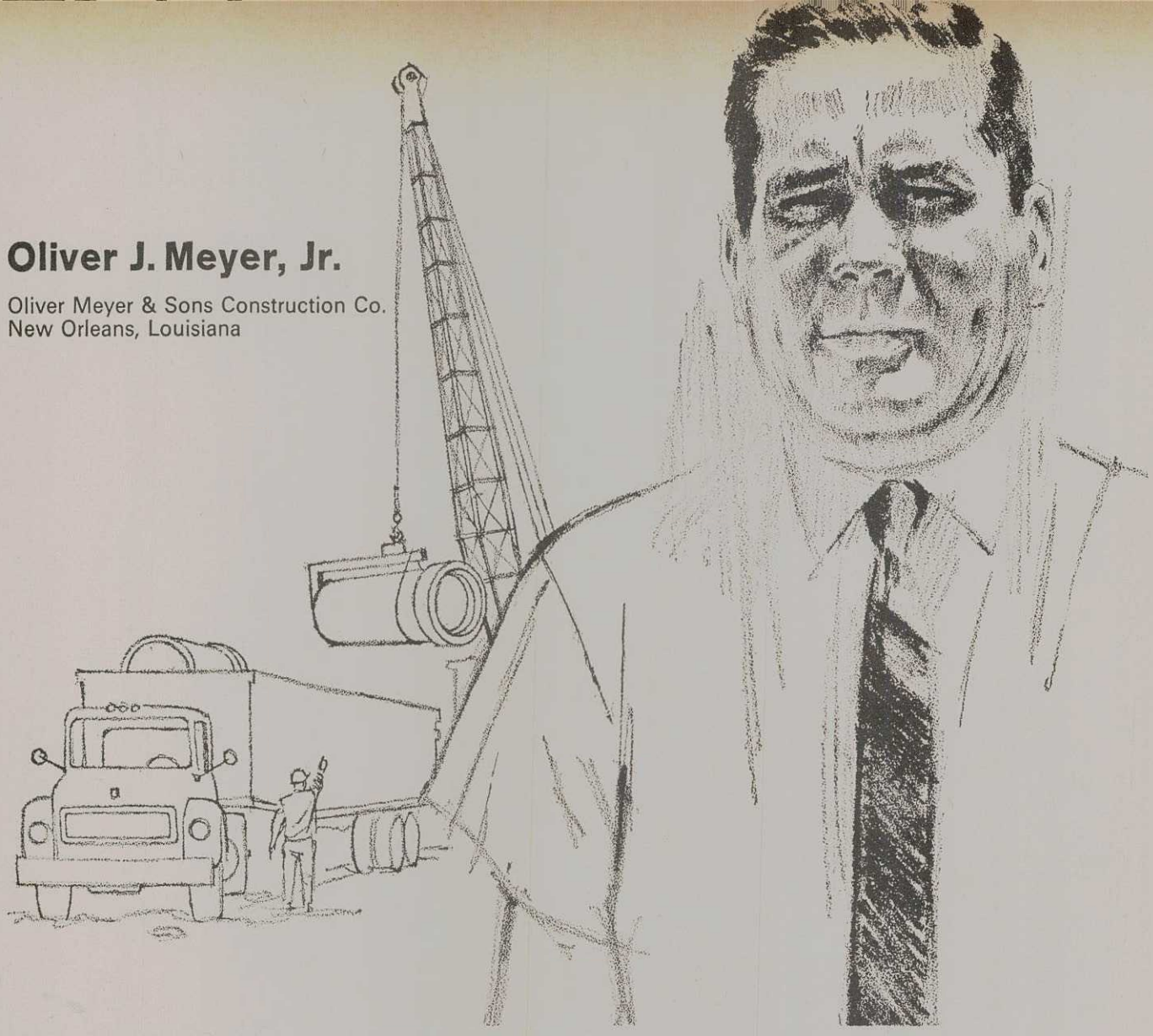

Oliver J. Meyer, Jr.

Oliver Meyer & Sons Construction Co.
New Orleans, Louisiana

"The joint on that Dickey pipe is urethane... it's the best I've found for building sewers."

Oliver Meyer has been a sewer contractor for 28 years and here's what he says about the Dickey urethane Coupling: "The compression joint on clay pipe is a real improvement. But Dickey went one step further and made it with urethane. At first, I couldn't see the difference. I do now... for one big reason.

"Urethane has the highest load-bearing capacity of any material used in a factory-made joint. This is important because it means joints resist any permanent change in dimension. The joints are tight, all the way around the pipe... and remain that way. And that's the only way to really solve the infiltration problem in sewers."

Mr. Meyer is stating facts... facts that are irrefutable. In addition to high load-bearing capacity, the Dickey urethane Coupling offers many other advantages... assures retention of compression... resilient hardness stability... sustained flexibility... immunity to cold flow... resistance to acids, alkalis, sewer gas, industrial wastes normally found in sewers and immunity to attack by micro-organisms.

All of these add up to long life, low cost sewers. And remember, Dickey clay pipe lasts for generations, too. Don't accept less.

DICKEY sanitary glazed clay pipe

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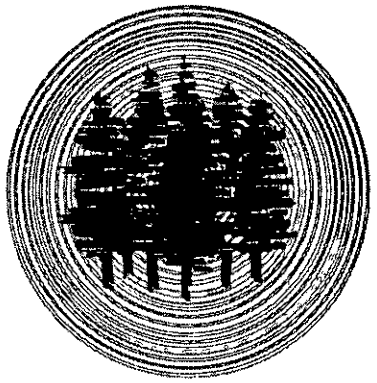
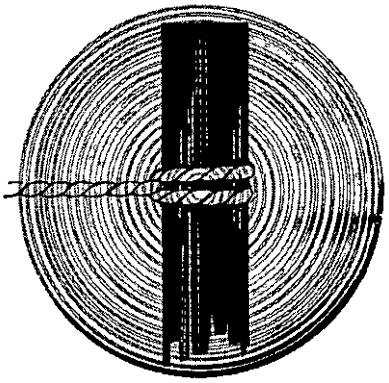
If it's made of clay it's good... if it's made by Dickey it's better





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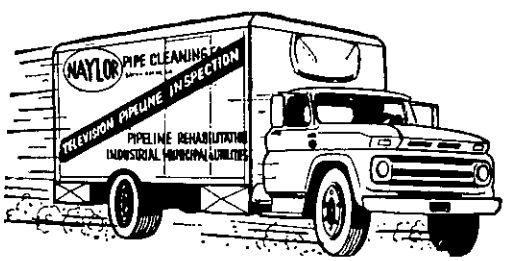

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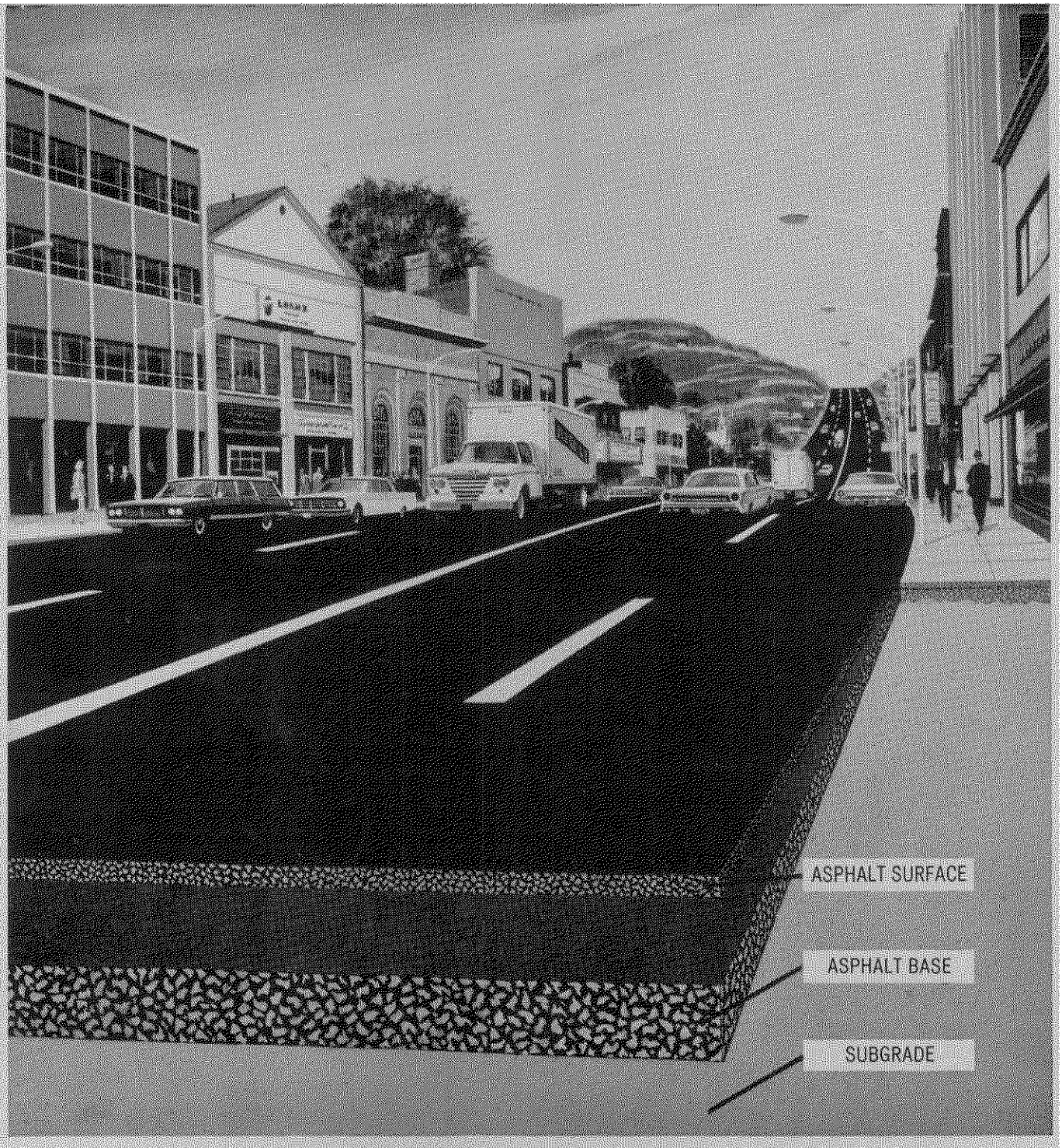

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A SAFER, SMOOTHER SURFACE ON A LONGER-LASTING BASE

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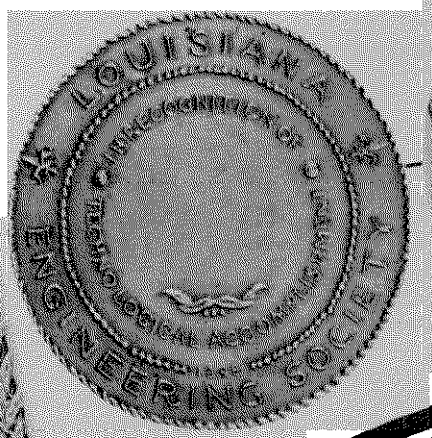
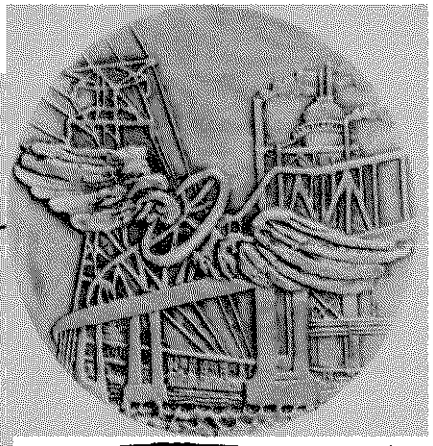
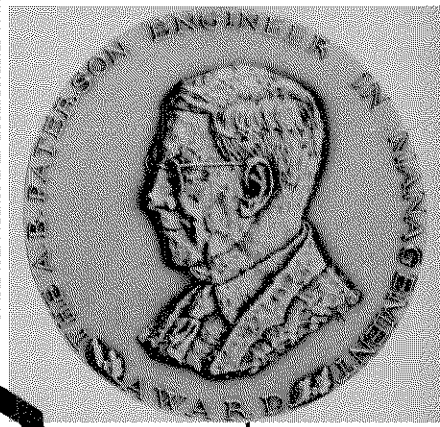
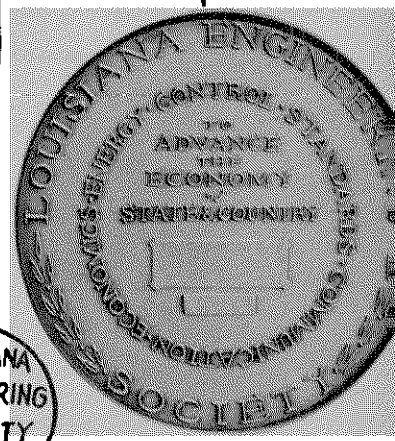
LES Award Medals





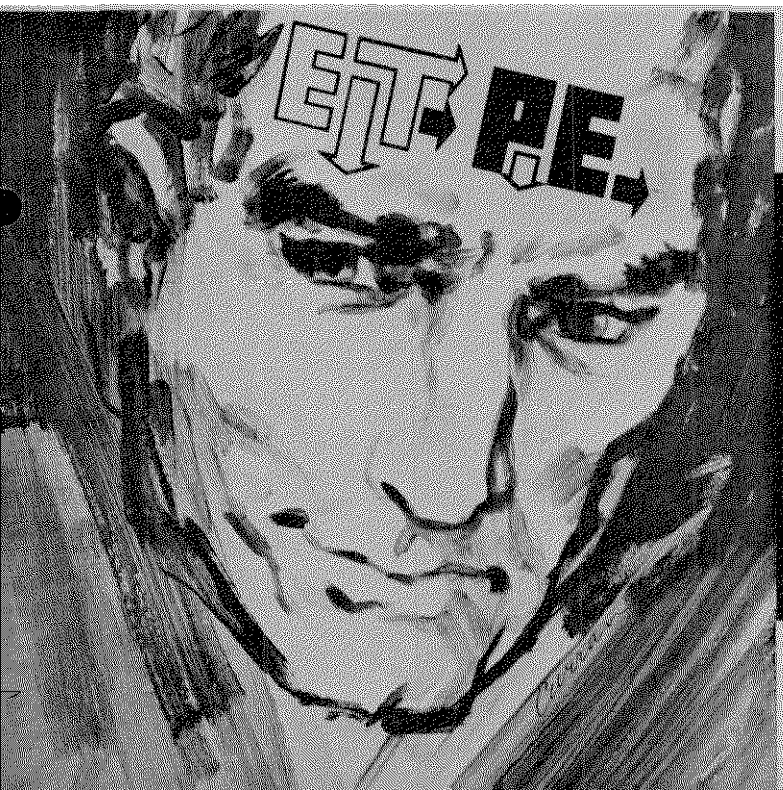




LOUISIANA
ENGINEER
Vol. 52 No. 5
Oct. 1966

LOUISIANA ENGINEERING SOCIETY 1898

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS FOUNDED 1934



November is Young Engineers Month. The Young Engineers program has been established "To promote professional development of the Young Engineer with special emphasis on his responsibility for continuing education, professional identification, citizenship, ethical conduct and the growth of the profession." It is only through the development of professionally-thinking young men that your Society can grow and expand.

Do you know...

What is meant by:

Asphalt pavement structure?
DEEP-STRENGTH® Asphalt pavement?
FULL-DEPTH Asphalt pavement?
DEEP-LIFT Asphalt pavement?

ASPHALT PAVEMENT STRUCTURE is composed of courses of Asphalt-aggregate mixtures, plus any non-rigid courses between the Asphalt construction and the foundation or subgrade.

This structure sometimes is called Flexible Pavement structure. The term "flexible" denotes the ability of such a pavement to conform to settlement of the foundation.

DEEP-STRENGTH ASPHALT PAVEMENT is an Asphalt pavement structure in which the top six or more inches consist of compacted high quality, dense-graded Asphalt hot-mix. A DEEP-STRENGTH Asphalt pavement may or may not have a granular base or subbase.

FULL-DEPTH ASPHALT PAVEMENT is an Asphalt pavement in which Asphalt mixtures are employed for *all* courses above the subgrade or improved subgrade. A FULL-DEPTH Asphalt pavement is laid directly on the compacted subgrade. When the Asphalt courses total six or more inches of dense-graded hot-mix, it is also defined as a DEEP-STRENGTH Asphalt pavement.

DEEP-LIFT ASPHALT PAVEMENT is a DEEP-STRENGTH AND/OR FULL-DEPTH Asphalt pavement where the Asphalt base-course is placed in one or more lifts of four or more inches.

Why modern Asphalt-base pavements are superior?

- They lower stress on subgrade, thus reducing the total thickness design for the pavement structure.
- Many local materials of a quality unsatisfactory for standard granular bases may be employed.
- Construction delays due to bad weather are held to a minimum since Asphalt bases may be laid rapidly by machine and consolidated promptly, making them at once watertight and usable by haul traffic.
- They may be opened to traffic for a year or more before any surfacing is laid, allowing full time for possible settlement.
- They are frost resistant.
- They prevent water from accumulating in the pavement courses where high strength is required.
- Asphalt bases permit a large reduction of granular material customarily used in shoulder construction.
- They provide ease and uniformity of compaction. DEEP-LIFT Asphalt pavements provide better and more uniform density.
- Machine-laid Asphalt bases improve appreciably the riding qualities of the final surfacing.
- Asphalt-base pavements do not lose strength during the critical "spring thaw" period.
- Asphalt-base pavements can be constructed faster and easier than any other pavement type.
- Modern Asphalt-base pavements cost less to build *and less to maintain!*
- Asphalt-base construction is time-tested and time-proved. The oldest pavements still in service are Asphalt-base pavements.

FOR INFORMATION ABOUT MODERN ASPHALT PAVEMENTS, OR ASSISTANCE IN BUILDING THEM, WRITE:

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LOUISIANA ENGINEER

OCTOBER, 1966

Volume 52 No. 5

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November is Young Engineers' Month. The necessity of having an effective Young Engineers' program is obvious, for it is only through the development of professional-thinking young men that your Society can be insured of its growth, health, and possibly even its survival.

The future of America and the future of the engineering profession belong to the young. The mature must pass along the knowledge and accumulated experience to the youth of today. Youth, in turn, must add its vigor in order to produce the leadership of tomorrow.

The Young Engineers' program has one prime objective. That is to "promote professional development of the Young Engineer with special emphasis on his responsibility for continuing education, professional identification, citizenship, ethical conduct and the growth of the profession."

Young men in the engineering profession must be ready to take their places within the community and their profession. They should be made aware of the responsibility for the growth of their chosen field, both in size and stature.

HONORS AND AWARDS . . . .

Your state Honors and Awards Committee has been preparing a new award recognizing the efforts of younger engineers in their chosen profession, (see p. 21) and in maintaining interest in the established awards of the Society.

LES members who are qualified for these awards should be brought to the attention of your chapter officers so that nominations can be submitted by January 1967. Read the accomplishments of the 1966 recipients (pp. 19, 23, 24, 27) and see if you know a fellow LES member who might qualify, then submit his name to your chapter officers.

ZIP . . .

We need it . . . your Zip Code, that is.

In the near future all second and third class mail—which includes this magazine—MUST be Zip Coded. So, if we don't have your Zip code—or if it's incorrect—please notify the LES office right away, so you won't miss an issue of The Louisiana Engineer.

The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society and of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and is published in February, April, June, August, October and December. Subscription $2.00 per annum; single copy 50 cents. Second-Class Postage Paid at New Orleans, La. The Louisiana Engineering Society and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors do not guarantee the accuracy of statements made or necessarily concur with opinions expressed in this publication.

Vic Lechtenberg
President
Anchor Construction Co.
Omaha, Nebraska

"Sewers built with Dickey Coupling Pipe stay built...long after they are paid for."

"Any contractor has to make a profit to stay in business. But, he can go out of business while he's making a profit (for lack of work) if he doesn't do a good job and use quality material. That's why I use Dickey Coupling Pipe. It's the one sure way to build durable sewers and make a profit, too. This pipe in the ground, is out of sight—out of mind."

Vic Lechtenberg said this . . . and he said more. "Taxpayers certainly don't want to pay for doing the job all over again in 10 to 15 years because the pipe failed. As far as I'm concerned, there's only one way to avoid this.

Build sewers with the kind of pipe you people make . . . clay. And that new urethane Coupling you've come out with is the finest factory-made joint I've ever worked with."

If it's made of clay it's good . . .

Mr. Lechtenberg is right . . . Dickey Coupling Pipe is the finest material available for sanitary sewers. It can't rust, rot, corrode or disintegrate. It handles any kind of normal wastes . . . residential or industrial. The Coupling, like the pipe, is resistant to acids, alkalis, solvents, gases and micro-organisms normally found in sewers.

Be sure to select Dickey Coupling Pipe. It takes the gamble out of sewer construction.

DICKEY sanitary glazed clay pipe

W. S. DICKEY CLAY MFG. CO.

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if it's made by Dickey it's better

Chapter News - - -

EDITOR'S NOTE: Chapter Secretaries are urged to send in reports of their Chapter's meetings, social functions, or other interesting activities.

Shreveport

"Engineering Aspects of PAR's Report on Louisiana Education" was the topic of an address today by Dr. Virgil Orr, dean of the college, Louisiana Polytechnic Institute, Ruston, before the **Shreveport Chapter of the Louisiana Engineering Society.**

Dr. ORR, speaking to the group at the Petroleum Club luncheon, said "Educators are disappointed that the section of the report entitled 'instructional programs among Louisiana institutions' was given a negative cast, that so many conclusions were inferred from data from only one year, and that none of the major accomplishments of major educational institutions were credited to the positive side."

"Waste, inefficiency, proliferation and duplication are not defensible," he said. "Educators are painfully aware of the existence of these to varying degrees in all of our Louisiana institutions as well as in colleges and universities nation wide. We are working to minimize these, but are also aware of the good points of our individual institutions."

"**PROLIFERATION** of programs in engineering is particularly undesirable because of the needs to upgrade those programs now in existence at Louisiana State University, University of Southern Louisiana and Louisiana Tech. The high cost involved in this type instruction is a real factor. Accredited programs are the only ones that will be an asset to the state," Dr. Orr said.

Dr. Orr, who received his Ph.D. degree in chemical engineering at Louisiana State University, headed engineering research at Louisiana Tech before becoming dean of the college in 1963. He serves on the Louisiana State Board of Nuclear Energy and is a member of the council of trustees for the Gulf South Research Institute.

Baton Rouge

Members of the Baton Rouge Chapter of the Louisiana Engineering Society met at Sherwood Forest Country Club on September 15 with attendance of 48.

Dr. Dan Vliet, Executive Secretary to the Board of the Louisiana Professional Enginers and Land Surveyors, outlined to the local L.E.S. the requirements, procedures, and functions of the Board for registering Professional Engineers. Dr. Vliet noted that Louisiana has approximately 8,000 registered engineers and ranks 11th in the nation in total registration. He outlined the procedure a graduate engineer, from an accredited college, must take in becoming registered by passing an Engineer in Training Test and four years of experience. Mr. Leo Odom, a member of the board, introduced Dr. Vliet and gave the history of the Professional Engineering Registration in Louisiana.

"Lucky Leo" Bankston won the $20.00 Gift Certificate on Steinberg's and there will be another for October meeting. You must be there to win. Dr. Nick Carter's name was drawn for the cash jackpot. He was not present and lost $12.00. This amount will be added to the October jackpot.

Lafayette

The regular meeting for the month was held at Jacob's Restaurant September 19, 1966.

The meeting was called to order by the President, Mr. John H. Huffman.

It was voted to dispense with reading the minutes of the May meeting.

The president listed persons from Lafayette Chapter who are members of various State Committees and Functional Sections.

Reports were given by representatives to the annual meeting in Baton Rouge and the planning meeting in Alexandria.

Eugene Sellers told of an investigation into building an engineering center to house the L.E.S State Office and other functions. The committee recommended that the building be located in Baton Rouge.

Mr. U. J. Gajan introduced Messrs. Stephan J. Arceneaux, John Torian, and Tommy Adams representing the United Givers Fund.

Mr. Arceneaux delivered an address on the needs of the United Givers Fund and told how we as engineers and citizens can help in reaching the goal.

Mr. Torian expressed his appreciation for engineers meeting their goal last year.

The meeting was adjourned by the president.

Lake Charles

The regular monthly meeting of the Lake Charles Chapter, Louisiana Engineering Society, was held at 7:30 p.m. Monday, September 12, 1966, in the Science Building Auditorium of McNeese State College.

The reading of the minutes of the previous month's meeting were dispensed with as this meeting was the annual Shrimp Boil.

Tom Kirby, President, presided. A number of visitors were present at the meeting and were introduced.

President Kirby introduced Mr. Bob Jones and Mr. Elbert Price of the Kohlmeyer Company. A short film on investing was shown after which Mr. Bob Jones delivered an address entitled "A Look at Investing." This talk dealt with the conduct of the Stack Exchange and the speaker offered valuable advice as to proper procedure for investing. Following his presentation, a question and answer period was held.

President Kirby announced the subject of the program for the next month's meeting.

The meeting was adjourned at 8:30 p.m. and refreshments were served by the Ladies Auxiliary.

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Report on a Case by The NSPE Board of Ethical Review

Exclusive Right to Serve Client

Case No. 62-10

Subject:

Exclusive Right To Serve Client—Canon 25—Canons of Ethics; Rule 47—Rules of Professional Conduct; Rule 50—Rules of Professional Conduct (first paragraph).

Facts:

The ABC Company has for many years been a client of Consulting Engineer "A" and this is generally and widely known in the community among engineers. Consulting Engineer "B" contacts the ABC Company, offers his services, describes his organization and its experience and leaves a brochure with a company official. His contact and offer of service is of a general nature, not in connection with any specific pending project.

Question:

Was it ethical for Engineer "B" to contact the ABC Company knowing of the relationship between the company and Engineer "A"?

References:

Canons of Ethics— Canon 25—"He will not try to supplant another engineer in a particular employment after becoming aware that definite steps have been taken toward the other's employment. . . ."

Rules of Professional Conduct—Rule 47—"He will not attempt to inject his services into a project at the expense of another engineer who has been active in developing it."

Rule 50—(1st paragraph)—"It shall be considered ethical for an engineer to solicit an engineering assignment, either verbally or written. Such solicitation may be in the form of a letter or a brochure setting forth factual information concerning the engineer's qualifications by training and experience and reference to past accomplishments and clients."

Discussion:

Neither the Canons nor the Rules grant an engineer an exclusive right to perform engineering services for a particular client. There can be no question but that the client has a right to change from one consulting engineer to another. The only question which can be raised, therefore, is whether another consulting engineer may make an initial contact with the client and offer his services.

Rule 50 expressly authorizes the solicitation of engineering assignments. This general authorization is modified by Canon 25 and Rule 47 only insofar as the solicitation of engineering assignments may not be in connection with a particular project for which another engineer has been engaged or definite steps have been taken toward the employment of another engineer. "Definite steps" means that the engineer has been informed by the client that he has been selected to negotiate an agreement for a specific project. (See Case 61-5 on the same principle involving an employer-employee relationship).

Rule 47 prohibits an engineer from injecting his services in connection with a specific project being developed by another engineer. This prohibition does not apply in the case of a general consultant-client relationship.

Conclusion:

Under the facts stated, Engineer "B" may ethically contact the client of Engineer "A" and offer his services for future projects.

Board of Ethical Review

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Application Engineers to Southern Industry

The Lafayette Chapter of the LES Auxiliary presented a check to Dr. Wayne P. Wallace (left) Dean of the College of Engineering and professor of Civil Engineering at the University of Southwestern Louisiana at Lafayette. It was stipulated that this check would be applied to the purchase of an ari-conditioning unit for a classroom in the Engineering building. It is hoped this will eliminate the Summer School enrollment in the School of Engineering. Making this presentation to Dr. Wallace are (center) Mrs. James E. Reed, Jr., Auxiliary President and (right) Mrs. E. Raymond Desormeaux, Treasurer. Other projects for the year include a membership drive and assisting the Lafayette Chapter of LES with plans for Engineering Week.

LES CHAPTER MEETING DATES

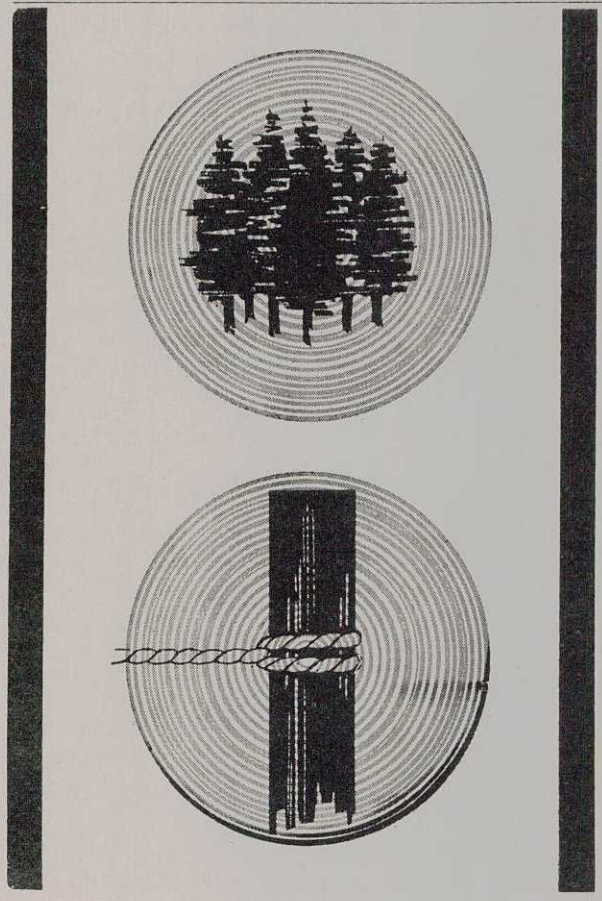
Alexandria Chapter — Third Tuesday Monthly (evening)
Baton Rouge Chapter — Third Thursday Monthly (evening)
Lafayette Chapter — Third Monday Monthly (evening)
Lake Charles Chapter — Second Monday Monthly (evening)
Monroe Chapter — First Tuesday Monthly (evening)
New Orleans Chapter — No regular monthly schedule
Shreveport Chapter — First Tuesday Monthly (noon)
Editor's Note: Chapter meeting dates may vary to accommodate speakers or for special occasions.

LES MEETING DATES

November 8, 1966 — Board Meeting — Monroe
February 24-25, 1967 — Winter Meeting — Shreveport
May 11-14, 1967 — Spring Convention — New Orleans

GENERAL MEETINGS

November 10-11, 1966 — Auburn University Conference on Mapping and Surveying, Auburn, Alabama.
November 11-12, 1966 — NSPE — Southwest Regional Meeting, Hot Springs, Ark.
November 27-December 1, 1966 — American Society of Mechanical Engineers Winter Annual Meeting, Statler Hilton, New York.
January 4-7, 1967 — NSPE Winter Meeting, Americana Hotel, San Juan, Puerto, Rico.



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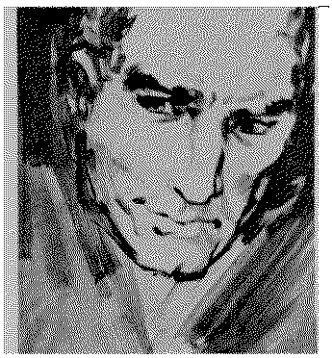
Future of Mankind in Hands of Young Engineers



The month of November is the month set aside to honor the young engineers. This is very fitting that we do this honor to those who hold the future of the world in their hands. The whole universe is putty in the hands of the future engineer.

The engineer has built rockets that passed the planets. It only takes larger machines to escape the solar system and become interstellar objects. The young engineer can join the team that brings the better life to Louisiana and the world.

The new frontier is not in dark Africa or the frozen Antarctic, but right here in our own back yard. The challenges that face the professional engineer in city planning, water supply, transportation, housing, and recreational facilities are far greater than those faced by the builder of the transcontinental railroads.

The engineer must face these challenges as he has faced the western mountains and bridged the mighty rivers. Society depends upon the engineer to be ready with the solutions to their problems. The politician only says that we need superhighways. It is up to the engineer to build them. The world demands more water. The hungry nations must be fed.

The greatest satisfaction comes from knowing that you have done something worthwhile. The engineer is blessed that he can see his accomplishments. The civil engineer can cross his bridge or watch the water from behind a dam. The chemical engineer can make useful items from waste products. Many of our modern products were made from elements that were burned during the last generation.

The young engineer must continue to progress. That has been our heritage. He must recognize the problem and use his superior knowledge to find the solution. There was no need for supersonic planes in 1910. What was needed was to get off the ground. The solution to one problem sometimes creates many more. If only the wealthy had cars, we would have no need for the superhighways. Providing everything for everyone creates problems not faced by our forebearers.

The time has come when the problems cannot be faced by one man alone. The solution must be pursued along many avenues simultaneously. It is the team effort that brings results. The young engineer must join with other professional engineers and become a leader in the team to bring a better life to America and the world. He must keep up with technical competence by being a member of the technical society of his particular discipline of engineering. He must grow professionally and take his place in society. This means accepting the obligations as well as the rewards.

Professionally, a man cannot stand alone. One feeble voice is not heard in a nation of 200,000,000 people. An organization of many voices can make its presence known. For professional needs, we have the Louisiana Engineering Society, affiliated with the National Society of Professional Engineers. Their Codes of Ethics and Constitutions provide for the highest standards of professionalism, placing the public welfare above all other considerations.

The young engineer must look to the organization sponsored by people in which he believes. His college professor, his boss; men who amount to something in the community and those that are respected by the community. He must learn the values fought for by his forefathers; principals that helped make this nation great.

The Louisiana Engineering Society must not fail the young engineer. They must be led to the highest ideals as set forth in our Code of Ethics.

We salute the Young Engineer. The future of America, the world, and the universe is in your hands.

STATEMENT OF OWNERSHIP

Statement of Ownership, Management and Circulation (Act of October 23, 1962; Section 4369, Title 39, United States Code)

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Signed

Oct. 15, 1966 — W. K. Bankston, Editor

LES Winter Meeting

February 23, 24, 1967

Shreveport

LES Spring Convention

May 11, 12, 1967

New Orleans

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LES Winter Meeting Set For Feb. 23, 24, 1967 In Shreveport

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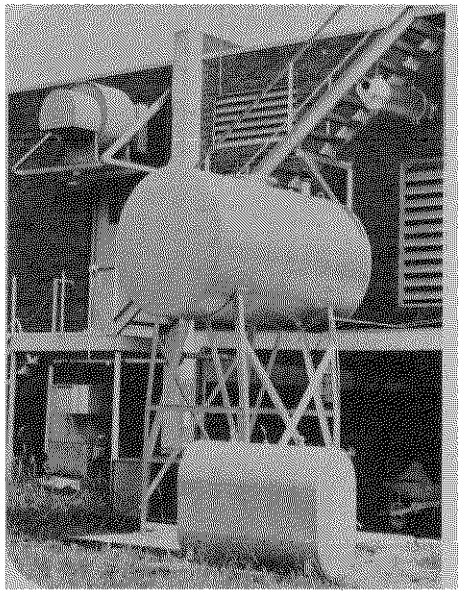
The Winter Meeting of the Louisiana Engineering Society has been set for February 24, 25, 1967, in Shreveport. The Shreveport Chapter will host this meeting, which has been set up to provide a mid-year convening of all state committees and functional sections.

Committee and functional section members will have the opportunity to evaluate the programs inaugurated in Alexandria, and to finalize plans for the last half of the administrative year.

The meeting will take place during Engineers Week, and conferees will be able to participate in the activities planned by the Engineering and Scientific Council of Shreveport. Complete program and details will be in the December **Louisiana Engineer.**

Mark your calendar and make your plans now to attend.



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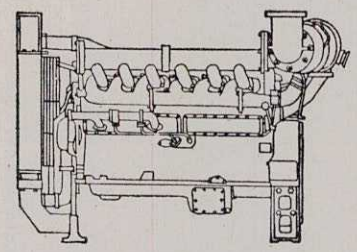

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Auxiliary News Notes

Lafayette Auxiliary

The Lafayette Chapter of the Louisiana Engineering Society Auxiliary hosted a fall membership tea at the home of Mrs. Emery Domingue in Bendel Gardens recently. Invitations were extended to wives of all members of the Lafayette Chapter of the Engineering Society.

The reception rooms were decorated with fall flowers. The punch and sherry able held an arrangement of yellow chrysanthemums flanked by silver candelbra holding yellow candles. A small tea table held an arrangement of red roses. Fall flowers were used on the piano in the living room.

Members of the houseparty were: Mmes. Emery Domingue, T. Allen Bonnet, Donald J. O'Rourke, James E. Reed, Jr., Warren Hollier, and Wayne P. Wallace. Mrs. J. Earl Robichaux presided at the Guests book and Scrapbook. Presiding at the crystal punch bowl were Mmes. T. Brooks Metcalf, Harry L. Dula, E. Raymond Desormeaux, and T. Allen Bonnet. Serving Sherry were: Mmes. Larry Hunsinger, Eugene Sellers, Warren Hollier, and Donald J. O'Rourke.

Mrs. James E. Reed, Jr., Auxiliary President, presented the 1966-67 Yearbooks to the members present. Mrs. J. Edmund Jarman entertained with musical selections at the piano.

Guests from Lafayette included: Mmes. Roger G. Stevens, George A. David, Douglas McGee, F. L. Larue, Jr., Edward M. Leblanc, Jr., Kenneth M. Deal, Harold Dubroc and Donald Richard. Out-of-town guests were: Mmes. Elroy Schexnaider of Abbevile and Charles Lyman of Opelousas. Auxiliary Members who attended were: Mmes. Donald J. O'Rourke, James E. Reed, Jr., T. Allen Bonnet, Eugene Sellers, Warren Hollier, Wayne P. Wallace, L. N. Hunsinger, T. Brooks Metcalf, Frank Wright, J. Earl Robichaux, John H. Huffman, J. E. Jarman, J. R. Gaugler, Harry L. Dula, Roland W. Laurent, Raymond J. Laurent, James R. Neef, A. J. Szabo, Brian Fournet, R. E. Jenkins, and E. Raymond Desormeaux.

—o—

Baton Rouge Auxiliary

A different type of style show highlighted this morning's coffee given by members of the Woman's Auxiliary to the Baton Rouge Chapter of the Louisiana Engineering Society. Memebrs and guests gathered at the Woman's Clubhouse and were received by Mrs. Charles P. Barnard, Mrs. Leo Bankston, Mrs. H. F. Martin, Mrs. Raymond Sloss, Mrs. Nelson K. Brown, Mrs. Rudolph Heitler, Mrs. John Blanche and Mrs. Maxwell Lea, hostess.

Mrs. Calvin T. Watts, chairman of the show, was assisted in making arrangements by Mrs. B. B. Graves, while Mrs. Ray Burgess, president, welcomed members and guests. Mrs. Watts introduced Mrs. Jesse Bridges, who narrated the show.

Clothes modeled depicted a typical day in the life of an engineer's wife. The backdrop on the stage was a map outlining the industrial area of the city.

(Continued on Page 12)

LOUISIANA ENGINEERING SOCIETY
August 11, 1966
Hilton Inn, New Orleans, La.

President Duclos called the meeting to order with Messrs. McNamara, Odom, Vogt, Fernandez, Nelson, Cade, Ewing, Walk, Stokes, Huffman, Kellerman, Myers, Szabo present. Also present were Earl Martin, Jr. Executive Secretary and Gene Sellers, Membership Committee Chairman.

The minutes of the June meeting were accepted as corrected on a motion by Mr. Nelson seconded by Mr. McNamara.

The Secretary read a brief financial statement for July, and indicated that the complete financial report was not ready because of annual audit of the books.

The auditors report was read by Mr. Vogt, Mr. Nelson moved that the report be accepted, seconded by Mr. McNamara and passed.

The suggested procedure for Board Meetings was accepted with corrections on a motion by Mr. Nelson with the second by Mr. Szabo.

The suggested procedure is:

1. Any item requested by any member will be placed on the agenda.
2. The agenda will be distributed to the Board at least seven days before the meeting.
3. Information about agenda items should be received at LES headquarters not later than ten days before the meeting in order that they may be reproduced and sent to Board Members for their advance consideration.
4. No item will be considered unless on the agenda except by majority vote of the Board Members present, and then ONLY after ALL agenda items have been considered.
5. The time and place of the next Board Meeting will be set before adjournment.

The Budget for the 1966-67 Administrative year was discussed. On a motion by Mr. Nelson, seconded by Mr. Cade, the budget was revised to show income from statewide activities of $7500.00 and expenses of $6000.00 on Statewide Programs and Committee Activities to reflect income and expenses of these activities. This changed the Total Income figure to $60,000.00 and the total expenditures figure to $59,550.00, and the Net Deficit Anticipated of $1,050.00 to a Net Income Anticipated of $550.00. Mr. Odom moved that the revised budget be accepted, it was seconded by Mr. Nelson and passed. Mr. Odom moved that the Board request a budget for each of the four state meetings be submitted by the host chapters prior to the meetings. The motion was seconded by Mr. McNamara and passed.

Mr. Gene Sellers, Chairman of the Membership Committee reported that his committee would be working on these projects; (a) To shorten the application form; (b) Improve on the membership contest to include better participation by officers and board members in the program; (c) Prepare a folder or brochure to be used in membership promotion; (d) Work to clarify membership qualifications for assistance in soliciting new members. The Board asked that this committee study and make recommendations on accepting engineers as members who do not wish to join NSPE.

The report of the Annual Meeting was accepted as mailed along with a financial report of income and expenses.

An invitation to hold the Annual Meeting was extended by Shreveport and New Orleans. Ater much discussion the Board, on a motion by Mr. Nelson seconded by Mr. Cade, decided to hold the 1967 Annual Meeting in New Orleans as near the beginning of July as can be arranged.

Mr. Stokes moved that the President appoint a committee to study all aspects of the Annual Meeting, to provide guidelines for future committees. Mr. Nelson seconded the motion and it passed. President Duclos appointed President Elect McNamara chairman of this Annual Meeting Study Committee with Messrs. Fernandez, Nelson, Stokes, Cade, Affolter and Groh as members, and also members of Past Presidents Council.

The Board, on a motion by Mr. Fernandez and seconded by Mr. Ewing, proposed that Shreveport Chapter host the Winter Meeting of the Society, possibly in conjunction with their fine Engineers Week program. Since the Shreveport Chapter was not represented at this meeting, Mr. Martin was instructed to make the Board's proposal to the Shreveport Chapter.

The program and allocation of time for the Alexandria Planning Conference was discussed and decided by the Board. Mr. Martin outlined the needs of the Committees and Functional Sections, and the Board settled on an agenda of Friday afternoon Board Meeting and Friday evening Social Hour followed by dinner. Saturday at 8:30 A.M. the Functional Sections would meet followed by the Committee at 10:00 A.M. Then the noon luncheon with a speaker would wind up the conference.

Mr. Szabo gave a report on the PEPP Section. He requested that the report submitted to the Board, relative to Amendment of the "Manuals of Practice", be withdrawn so that the PEPP Committee could study the matter further. He also stated that action on the "Suggested Procedure for the Selection of Engineers for State Work", which had been held up pending legislation, would proceed, possibly with the support of the C.E.C. and LAA.

Mr. Myers gave a report on the PEG Section. He announced that the new officers for the section were, himself as chairman, Roger Guissinger, vice-chairman and Dan V. Cresap as secretary. He stated that the Executive Secretary has been requested to send letters to all Federal, Parish and City Engineers to determine if they would join the PEG Section, along with Engineers in State Government, and that work on this matter was begun. It was stated that some time would be needed to determine from the Society's roster who these members are. It was also suggested that the Chapter Presidents be asked to assist in this work.

Mr. Duclos requested and received ratification of the Committee appointments made since the last Board meeting.

The Building Committee reported that their first meeting was held preceding this Board Meeting, and that the basic purposes of the Committee were established to: (a) Determine where the office should be, and (b) The feasibility of constructing our own building.

This Committee recommended:

(1) That the present office lease be extended for one year. Mr. Odom so moved, seconded by Mr. Fernandez and passed.
(2) Mr. Odom made a motion that we seek legal counsel to investigate and determine our status as a Corporation in the State of Louisiana. Mr. Kellerman gave the second and the motion passed.

Discussion followed on the use of Computer Punched cards for our records. Mr. Martin reported that cards were made for the New Orleans Chapter to help determine our needs and the various possible uses that could be made of the cards. Mr. Martin stated that the cost of adding the Zip Code would be quite costly, and time-consuming both in preparation and in use for other services. Mr. Nelson pointed out that the cost of the cards would be comparable and that, once set up, would be less expensive, less time and greater variation of uses. Mr. Fernandez made a motion to proceed with a total roster on punched cards and ask for an extension of time from the post office on Zip Codes. It was seconded by Mr. Szabo and passed. Mr. Fernandez also made a motion that Chapter rosters be prepared as soon as possible, this was seconded by Mr. Stokes and passed.

Nominations for NSPE office were received as follows: Mr. Stokes nominated Mr. Waldemar S. Nelson for Vice President of the Southwestern Region, seconded by Mr. Vogt and passed.

There being no further business, the meeting adjourned, with the next meeting scheduled for Friday September 9 at 4:00 P.M. at the Bentley Hotel in Alexandria.

Auxiliary Notes

(Continued from Page 11)

Models appeared on stage and walked along a span of the new Mississippi River Bridge in keeping with the industrial growth theme. Tripods, levels and field rods were used in the decorative theme. Wild flowers and fall vegetation lined the ramp where Mrs. Floyd D. Richards, Mrs. Frank G. Clark, Mrs. L. R. Daniel, Mrs. J. H. Jenkins Jr., Mrs. Walter Sutton, Mrs. Wesley B. Root Jr., Mrs. Ray W. Burgess, Mrs. John R. Baker, Mrs. Lawrence Law and Mrs. Jim Webb promenaded. Children models were Benjamin Webb, son of the Jim Webbs; Paula Root, daughter of the Wesley B. Roots Jr.; Glenn Graves, son of Mr. and Mrs. B. B. Graves; Susan Richards, daughter of Mr. and Mrs. Floyd D. Richards; Marilyn Watts, daughter of the Calvin T. Wattses and Margaret White, daughter of the M. B. Whites of Shreveport.

An arrangement of yellow and bronze mums centered the table covered with a brown cloth. Brass and bronze coffee services were noted at each end and those asked to pour included Mrs. B. W. Pegues, Mrs. W. J. Metrailer, Mrs. Jesse Coates and Mrs. W. H. Carter.

The morning's entertainment included musical selections by Miss Debby Roberts, Marilyn Watts, Margaret White, and Mrs. Eduardo Jenkins.

New Orleans Auxiliary

The members and guests of the WOMAN'S AUXILIARY TO THE NEW ORLEANS CHAPTER OF THE LOUISIANA ENGINEERING SOCIETY will hold their annual luncheon and fashion show today October 25th at a local club. The luncheon follows a meeting at 11.30 A.M. Handmade and decorated candles—trimmed with fall leaves in the fall shades of gold will be nestled among the foliage of bronze to decorate the tables for the 12:30 P. M. luncheon and fashion showing by Maison Blanche. Receiving informally with Mrs. John A. Haase III, President will be Mesdames Francis Favaloro, Anthony J. Bartlett, Samuel H. Hill, Roy E. Johnson and Seymour Cambias, Jr.

LSU Dean Outlines Campaign For $8 Million Engineering Center

Dean Roger Richardson of the Colege of Engineering at LSU outlined plans for a campaign to raise a maximum of $2 million from private sources to help build an $8 million Engineering Center for LSU at Baton Rouge.

Richardson addressed some 150 members of the LSU Foundation and their guests in the Colonnade Theater of the LSU Union. Gov. McKeithen also spoke before the group at its 6th annual meeting, Saturday Oct. 8, 1966.

The LSU Foundation is a non-profit university-connected organization designed to seek and receive private funds for worthwhile projects which cannot be supported by LSU through state assistance. It seeks with this aid to maintain quality education and high research standards at the university.

Economic Report

Gov. McKeithen told Foundation members that federal reserve bank statistics show Louisiana leading all other states in economic growth this year.

The governor, discarding a prepared speech, referred to an instance on his recent industry-hunting trip when he was approached by economic experts from the University of Pittsburgh.

The economic consensus of those experts, he said, was that if this state continued on the path it is now following, Louisiana would in the next 10 to 20 years be the industrial capital of America.

Dean Richardson said that industry depends on quality engineering and top engineering education. He cited the complexities of today's technological age and the challenge put to education to keep pace.

"Our buildings and our facilities at LSU are of the 1925-1930 vintage," Richardson said. "In some areas we have run completely out of space, even old and obsolete space."

Engineering Center Need

The engineering dean said that the Engineering Alumni Association has made a study of the needs of the college, looking to 1980. The study, he said, found that LSU needs a new Engineering Center, probably comprising two buildings which will cost somewhat over $8 million.

"We read of funds being raised on the order of $10 million, $60 million and even $100 million," the dean said. "If other schools in our same area can raise $10 million dollars through alumni, friends, industry and philantrophic foundations, surely LSU can raise $1 to $2 million."

Engineering alumni, he said, have decided to conduct a drive to raise $1-$2 million toward the $8 million program. Then the plan is to ask the state for about $4 million with the remainder of $2-$3 million coming as federal government matching funds.

Carter Brown, Baton Rouge, chairman of the engineering alumni group, said that a renovation program would cost $5½ to $6 million and would not be adequate 10 years from now. It would take four years to complete renovations, he added.

He said that pledges are already under way.

Gov. McKeithen cited the contributions of LSU, university personalities and LSU graduates to industry and governmental affairs.

"I'm proud of what LSU is doing, what its graduates are doing," the governor said.

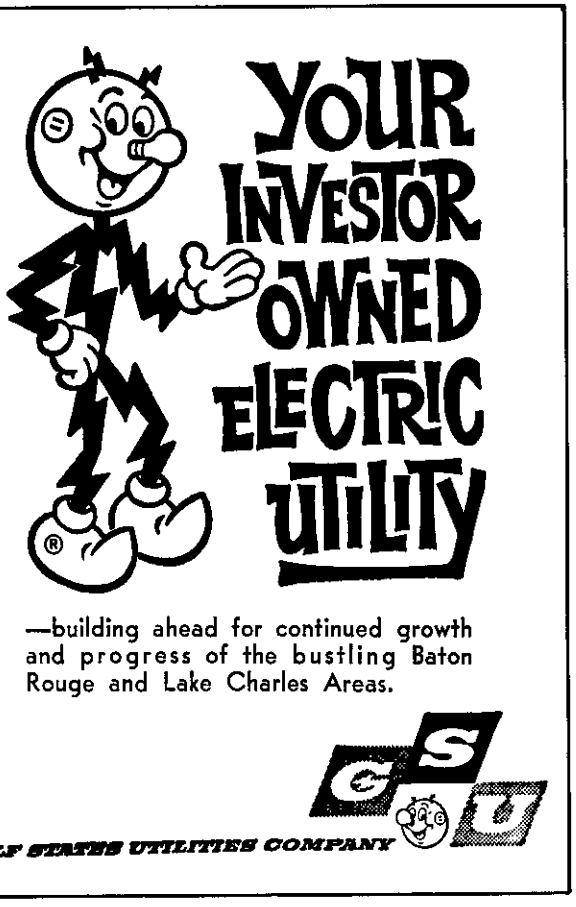
Voorhies Speaks

Henry H. Voorhies, Baton Rouge, president of the LSU Foundation, pointed out that the LSU Foundation has received more than a quarter of a million dollars in gifts since it began active operations in 1961, more than $150,000 annually.

He cited the foundation's part in the construction of the $350,000 Institute of Insurance Marketing at LSU, and credited the state and region-wide insurance industry with sparking the drive for the initial $100,000 for its construction. The remainder is to be paid in bonds through the operations of the institute, he said.

Voorhies said Louisiana bankers made possible the establishment of the Chair of Banking in the College of Business Administration. It's the second chair of learning on the main campus.

Industry, corporations and private philantrophic foundations last year he said, gave $124,790 to the LSU Foundation. Gifts from individuals totaled $96,515. He outlined use of Foundation funds for projects in research, student and faculty aid, cultural events, library acquisitions, workshops, seminars, special lectures and fellowships.



Welcome to Professional Status

The following professional engineers were granted registration August, 1966 by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors:

Accardo, J. F., Pasadena, Texas
Barb, D. E., Albuquerque, New Mexico
Berg, L. L., Denham Springs, La.
Bergstrom, R. N., Arlington Heights, Ill.
Boteler, H. M., Houston, Texas
Bryant, M. W., Mobile, Alabama
Caracausa, A. M., Puerto Oddaz, Venezuela
Chance, B. G., Shreveport, La.
Cook, J. G., New Orleans, La.
Couturie, J. H., Kenner, La.
Craig, W. L., Lafayette, La.
Culpepper, J. S., Monroe, La.
Dowd, B. J., Shreveport, La.
Gray, C. W., Metairie, La.
Hartung, A. F., Kansas City, Mo.
Hiatt, R., Jackson, Mich.
James, W. C., St. Francisville, La.
Jones, R. E., Shreveport, La.
Krick, G. E., Slidell, La.
Lamas, R. J., Rio Piedras, Puerto Rico
Lancaster, J. B. Jr., P. O. Box 280, New Roads, La.
Lorenz, J., New Orleans, La.
Makofsky, D. C., New Orleans, La.
McCorquodale, L. D., Lake Charles, La.
McIver, A. B. Jr., Shreveport, La.
Munilla, F. R., Gretna, La.
Norris, J. M., W. Monroe, La.
Osterholt, W. P., New Orleans, La.
Pence, S. E., Baton Rouge, La.
Smith, C. D. Jr., Lake Charles, La.
Smith, E. A., Parkersburg, W. Va.
Stone, J. C. III, New Orleans, La.
Tillinghast, H. S., 905 Garland, Texas
Williams, J. W., Monterey, La.
Wyszynski, Z. S., New Iberia, La.

Engineers Week Theme For 1967 Announced

"Engineering . . . for the Human Environment" will be the theme of the forthcoming 17th National Engineers' Week February 19-25, 1967, it was announced today by the National Society of Professional Engineers, which sponsors the annual observance.

Fortunately, people in the world today are concerned as never before about the quality of their environment. The world has become universally aware of the degree to which air and water pollution, human safety, transportation and solid waste disposal practices threaten our health and human environment.

The theme for the 1967 Week calls attention to the increasingly vital role engineering plays in our professed aspirations for clean air, water and land, and in the technological advances that carry traffic and mass transportation with greater efficiency, safety and dispatch.

The nationwide observance features high school career conferences, exhibits on engineering achievements, guided tours through industrial plants, talks by engineers before student and civic groups, and other local activities by engineering organizations to call attention to the importance of a sound educational background in mathematics and the physical sciences.

National Chairman for the 1967 Week is Rex P. Merilatt, P.E., Federal Aviation Agency engineering executive in Oklahoma City. State Chairman is Dean Roger W. Richardson, of Baton Rouge, with committee members James M. Watts and Mark Howard from Alexandria; Ralph B. Holloway and Joe G. Richard, Jr., from Baton Rouge; Sylvan J. Richard and W. Gayle Hebert from Lafayette; C. H. Edwards and Joe Herpin, Jr. from Monroe; Robert F. Burns, New Orleans; and Max P. Watson, and W. J. Googe from Shreveport.

EIT Examination Date Set

The State Board of Registration for Professional Engineers and Land Surveyors announced that Engineer-In-Training Examinations will be given **Saturday, December 3, 1966,** at La. Tech in Ruston, U.S.L. in Lafayette, Tulane in New Orleans, and LSU in Baton Rouge.

WANTED: BOOKS

Our Expanding Library Needs Engineering Reference Books, Periodicals, Technical Data, Codes, Standards and Manuals. We Will Purchase or Exchange.

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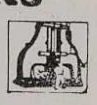

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QUALITY STAINLESS AND HIGH ALLOYS
STEEL FORGINGS FOR WELLHEAD EQUIPMENT
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ROLLED RING FORGING

M. D. Garrison, P.E. La. Engineering Representative

Speaker Highlights PAR Study on Coordination of Higher Education

"Louisiana has created new institutions and allowed older ones to add degree programs and courses without the benefit of statewide planning and demonstrated need." Miss Emogene Pilner, Senior Research Associate, Public Affairs Research Council, told L.E.S. members attending the 10th Annual Planning Conference in Alexandria. Miss Pilner spoke at the Saturday luncheon meeting, following brief reports by committee and section chairman.

Miss Pilner

A review of the history of coordinating boards, their effectiveness, and recent attempts to move forward in Louisiana were made by Miss Pilner, who then outlined the recommendations PAR is making based on the information gathered by PAR. Special emphasis was given on the various engineering schools, what is to be anticipated, and how to make better use of faculties and facilities.

The functional Section meetings were held Saturday morning, with problems concerning engineers in industry, government and private practice given attention, along with planned activities for the year. The PEPP section had several items for discussion, including fee manuals, legislative matters, new members and a joint action group in Louisiana. The PEG section discussed a revision to the section bylaws, a salary comparison of state and federal engineers, and increased participation in the Section. The PEI group discussed a speakers bureau available for meeting programs, availability of a committee to assist engineers facing unionization threat and the formation of a statewide section.

Engineers in Government

After a coffee break, the various state committees, including Public Relations, Membership, Education, Legislative, Ethics and Professional Conduct and Vocational Guidance, began their meetings. The Membership committee had extensive discussion on proposed constitutional changes for a new member grade, plus simplifying admission of new members and increased membership retention. The Education Committee discussed the "Goals Study", and increased support of E.I.T. certification. The Honors and Awards Committee discussed the new Engineers award, its design and final form. The Legislative committee discussed their program for this year, and the effects of pending Federal legislation. The Public Relations Committee discussed Engineers Week activities and a short four point program to accomplish the most good. The Vocational Guidance Committee reviewed the various NSPE scholarships, the JETS program and the providing of speakers to educational groups. The Ethics Committee reviewed the functions of the committee and the scope of its activities. The Ladies State Advisory Committee met and discussed the programs of each Auxiliary in general.

The host Alexandria Chapter did an excellent job on planning and providing for this conference. The attendance and accomplishments of the meeting can only strengthen your Society.

Engineers in Industry

Engineers in Private Practice

LES..... Gaining Strength With New Members

Applications received since July 1, 1966:

Baton Rouge Chapter
John R. Fell
Raymond C. Johnson
Billy N. Banister
Lloyd L. Sevin
Claude K. Elkins, Jr.
John A. Lewis

Lafayette Chapter
Wm. K. Averitt
Richard C. Sealy
Edwin S. Smith
David G. Williams

Lake Charles Chapter
John B. Watts, Jr.
George F. Webb, Jr.
William C. Phillips
Philip L. Whitaker

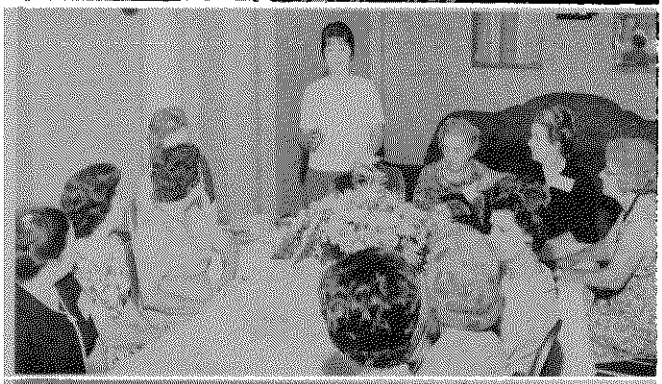
New Orleans Chapter
Frank J. Randazzo
Milton M. Walther
Wm. W. Frye, Jr.
Philip J. Hathaway
Arthur Scheinuk, Jr.
Auther H. Honeycutt
Lawrence R. Bridge

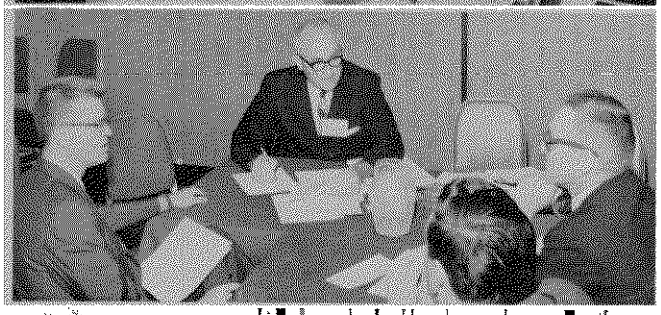
Shreveport Chapter
Don A. Greer
Roland S. Wibker, Jr.
Clyde C. Franklin
Philip J. Haas, Jr.
Sidney T. Gillispie
I. D. Bufkin
Fred W. Wheeler

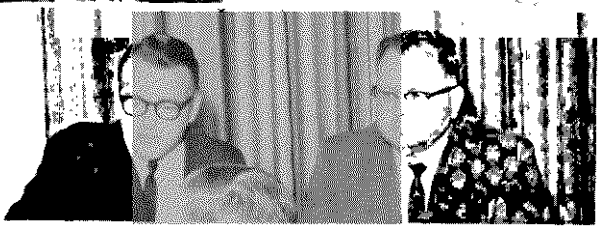
Out Of State
Adam W. Cormier,
Dayton, Ohio
Sidney J. Cormier,
Pekin, Illinois
Harold E. Mortimer,
Beaumont, Texas

Have YOU Asked Another Engineer *To Join LES*

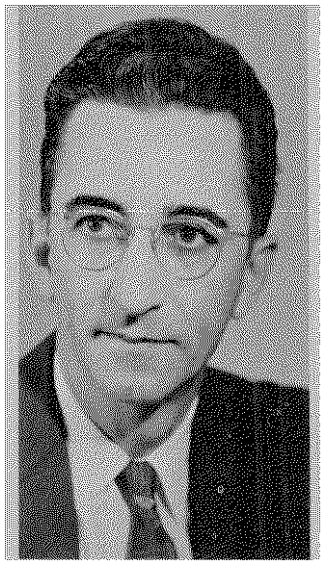
Alexandria Pictures





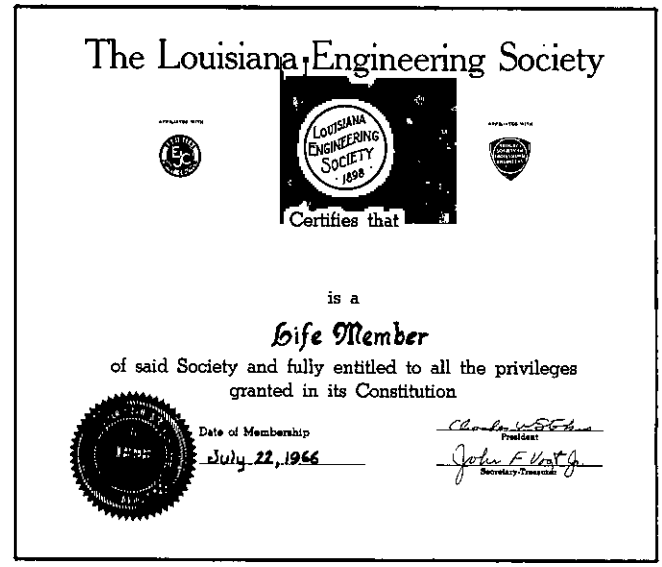


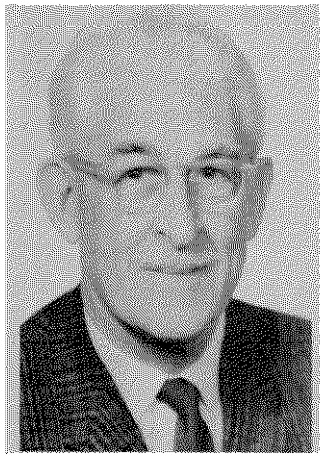
Presented at Annual Meeting



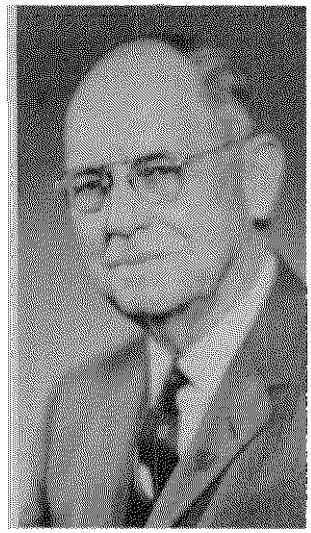
August J. Brodtmann

Lionel E. Flotte, Sr.

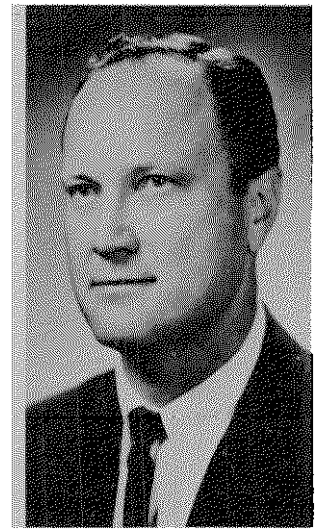




Leon L. deSalignac

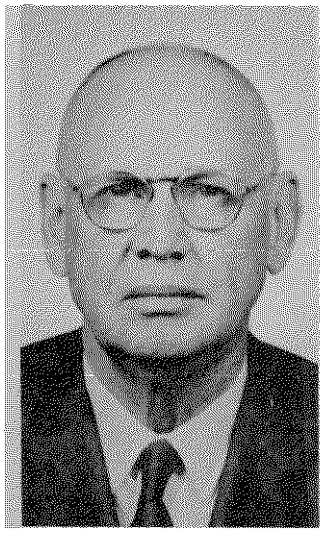


James M. Fourmy

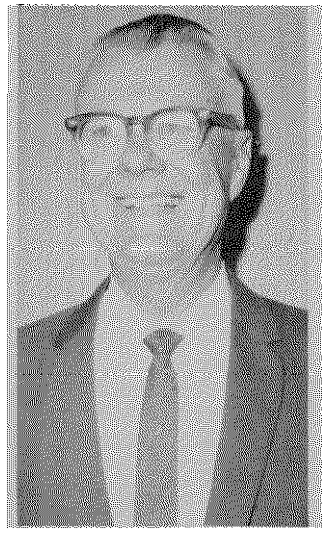


E. J. Hagstette, Jr.

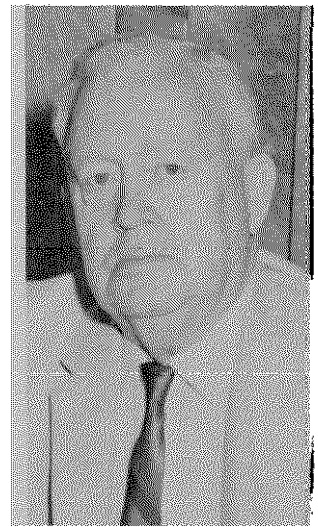
Life Members of LES 1966



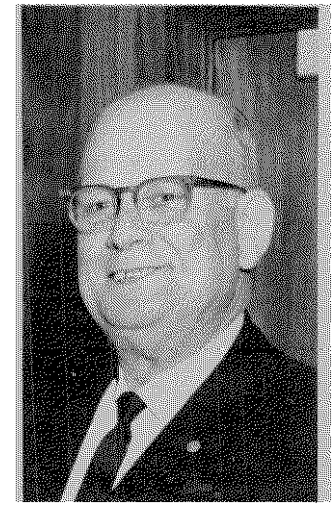
O. H. Elverum



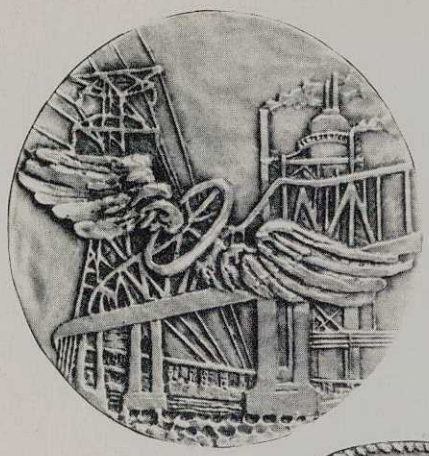
John A. Haase, III



Claude J. Kelly



J. Gilbert Scheib



Louisiana Engineering Society

TECHNOLOGICAL ACCOMPLISHMENT MEDAL

CRITERIA
GOVERNING THE AWARD
of the
LOUISIANA ENGINEERING SOCIETY
TECHNOLOGICAL ACCOMPLISHMENT MEDAL

The Louisiana Engineering Society Medal will be awarded as conditions warrant, but not more often than annually for

Distinguished Service by an Engineer
for
Technological Advancement or Discoveries as contributions to the advancement of Engineering.

The purpose of honoring Engineers with this award is to encourage and inspire other engineers to reach even greater heights of professional achievement.

Nominations Must Be Received in January 1967

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Presentation Address

USL President Dr. Clyde Rougeou Presents Award To Dr. Frederick W. zurBerg, P.E.

Dr. zur Berg and Dr. Rougeou

Gentlemen: In honoring Dr. Frederick zurBurg, Southwestern's Director of Research, you also honor Southwestern, and so I am doubly pleased to have the opportunity to make the presentation of the Technological Accomplishment Medal of the Louisiana Engineering Society to Dr. zurBurg.

The medal, I understand, is awarded annually for distinguished service by an engineer, for technological advancement or discoveries, as contributions to the advancement of engineering.

Such recognition of an engineer has special significance at this time. Forty-six years ago an English author, H. G. Wells, wrote, in his "Outline of History," that human history "becomes more and more a race between education and catastrophe." This is no longer just a rhetorical statement. It may well become a reality.

That is why the trained intelligence of men in the engineering profession is so vital and such a powerful force today. With the range of interests represented by the engineering profession, engineers have a commitment to public service — as well as a commitment to be sensitive to human values in society.

Because of this realization there has been, as I am sure you are aware, a reorientation of engineering to change its image to one associated with social concern. Society needs the knowledge and intelligence of citizens who are also engineers.

The man sometimes referred to as the poet laureate of engineering, Dr. James Rhyne Killian, Jr., chairman of the Board of the Corporation of the Massachusetts Institute of Technology, speaks of this new kind of engineering "as a tie between science and the humanities," whereby engineering stands for "Technology shaped, disciplined and controlled first and last to enhance humanity." This new image of the engineer has given a fresh meaning to the humanistic tradition.

Dr. zurBurg, a chemical engineer with the B.S. and M.S. degrees from the University of North Carolina and the Ph.D. from Virginia Polytechnic Institute, has devoted his entire professional career to being that kind of engineer. He has been in that human history race that Wells spoke of on the side of education and service to society.

Since joining the faculty at USL in 1942 as head of the Department of Chemical Engineering, later Dean of the College of Engineering and now Director of Research at the University, Dr. zurBurg has committed his knowledge and experience to public service. Your honoring him today as the recipient of your society's Technological Accomplishment Medal is further recognition of this.

In addition to his work at Southwestern and prior to that as instructor at Mississippi State College from 1928 to 1929 and professor of Chemical Engineering at Clemson College from 1929 to 1942, he contributed to important work as a consultant. In 1943 he was consultant to the Louisiana State Department of Commerce and Industry; in 1946 he served as consultant to the U. S. Department of Agriculture; and in 1947, 1953 and 1958, and 1959 to date with the U. S. Corps of Engineers.

Dr. zurBurg has also served as consultant for cities and minor industrial organizations. He set up and served as director of the Radiation Laboratory at USL. In 1952 and 1953 he was with Gamma Industries, a Baton Rouge firm. Since 1959 he has served as director of research for the United States Corps of Engineers, studying the control of aquatic weeds in navigable inland waters. He has also been called upon as a consultant on water purification problems.

Before 2-4-D was on the commercial market Dr. zurBurg was employed by the LaFourche Sugar Company to develop a process for making 2-4-D, which was made available to farmers in the area, and to supervise the construction of a plant and put it into operation to make the product available to area farmers.

In 1956 Dr. zurBurg testified before the Rivers and Harbors Committee of the U. S. Congress as to the advisability of providing funds for research on and for control of aquatic vegetation in 13 Southern states. In that year Congress passed enabling acts for this but did not appropriate for these acts until 1959.

Dean zurBurg also suggested while before Congress that it would be advisable to have a law prohibiting the transportation of certain aquatic plants species across state lines. Congress enacted this legislation.

With this cursory survey of Dr. zurBurg's activities, I would like now to take a few moments to cite you some specific examples of his research contributions.

While still at Clemson and with the need to find a source of rubber during the critical war years, Dr. zurBurg was doing research concerned with the extraction of rubber from golden rod. He achieved success, but with the discovery of production of synthetic rubber more cheaply, the project came to naught.

His next research was concerned with making cheap wall board from cotton stalk after the cotton was picked. Once more he succeeded with his end of the research. Harvesting the cotton stalk, however, proved prohibitive.

His first research project in Louisiana was for the Louisiana Department of Commerce and Industry. What was wanted was a loose wall insulation that was fireproof and made from rice hulls. He accomplished this, and by adding borax also made the insulation material toxic to roaches. He gave his findings to industry.

In 1942 and 1943 he began working in the laboratory as part of a team, on the problem of water hyacinth control. His problem was to make a suitable spray from 2-4-D. He made a score of derivatives that were water soluble, tested them on plants in the greenhouse at USL and succeeded in killing them. In late March and April of 1945 he took material he developed in the laboratory, which was a synthesis of potassium salt and 2-4-D, to the pond on the dairy farm at USL, dissolved it in water and sprayed the hyacinths. By the next day, it was evident that the material was effective. He continued his experiment with other plants in addition to the hyacinth, and in the summer of 1945 invited then Congressman James E. Domengeaux and representatives from the U.S. Corps of Engineers and the State Wildlife Commission to observe the effect of the spray. Out of this came funds from the U. S. Department of Agriculture for a continuance of the experiments.

In 1947 Dr. zurBurg was on three months' leave to work in New Orleans for the New Orleans district of the Corps of Engineers on the feasibility of using 2-4-D as operational procedure in the state.

By 1950 the New Orleans District of the U. S. Corps of Engineers declared the procedure operational. The corps is still continuing to use this procedure.

Some idea of the value of this project may be realized from the fact that the money loss to Louisiana because of the hyacinth problem prior to the use of 2-4-D was in the neighborhood of 35 million dollars a year. A survey made in 1964, fourteen years after the adoption of the 2-4-D procedure as operational, revealed that 70 per cent of the waterways previously covered by hyacinths were clean.

The success with hyacinths focused attention on other noxious aquatic vegetation like alligator weed, one of the most noxious plants. Dr. zurBurg has also been quite active on the team of people working in this area of research. Southwestern is in a cooperative project with Auburn University and the U. S. Department of Agriculture, Wild Life and Public Health, under the direction of the U. S. Corps of Engineers to conduct experiments leading to the development of a chemical agent to combat alligator weeds. The pattern of work, according to Dr. zurBurg, is close to that by which the safe chemical control of water hyacinths was developed. Southwestern's function in the experiment is to take a number of laboratory tested weed killers and adapt them to field operating conditions.

At the present time, in the words of Dr. zurBurg, there is only "the light of dawn on a very black horizon," where alligator weed control is concerned. He feels, however, that within the next five years success will be realized here, too.

Dr. zurBurg has done other worthwhile research on projects, supported with funds from private industry, having to do with control of submerged vegetation. A study of duck weed for Cleco revealed that it is beneficial in that it reduced the temperature in the water in which it grows.

In addition to his research and laboratory work, Dr. zurBurg found time to publish his work. Among these have been "A Study of the Action of Certain Herbicidal Chemicals on Water Hyacinth and Alligator Weed" and "Water Hyacinth Obstructions in the Waters of the Gulf and South Atlantic States."

Dr. zurBurg is active in professional engineering societies and is listed in "Who's Who in America," "American Men of Science" and "Who's Who in the South and Southwest." He is also a member of several honor fraternities, including Phi Kappa Phi, Sigma Xi and Tau Beta Pi.

Any one of the many facets of service in which Dr. zurBurg has been engaged would have earned him the right to be considered for this high honor that you are conferring on him tonight.

And so it is a distinct honor and personal pleasure for me to award the Louisiana Engineering Society's Technological Accomplishment Medal to Dr. Frederick zurBurg, USL Director of Research, for his distinguished service as an engineer, for his contributions to technological advancement and discoveries, for his contributions to the advancement of engineering and for his commitment to society . . . Dr. zurBurg.

RECIPIENTS OF THE
L.E.S. TECHNOLOGICAL ACCOMPLISHMENT
MEDAL

1951	A. Baldwin Wood
1952	Edwin L. Dennis
1953	C. Glenn Cappel
1954	Alexis Voorhies
1955	Not Awarded
1956	Wiley D. Poole
1957	Irven E. Hanson
1958	Jesse Coates
1959	William B. Gurney
1960	Robert J. Kuhn
1961	Not Awarded
1962	Not Awarded
1963	Not Awarded
1964	Joseph H. Barnwell
1965	Armand L. Willoz
1966	Frederick William Zur Burg

The Louisiana Engineer Key and Certificate New LES Award

The Louisiana Engineering Society award, The Louisiana Engineer Key and Certificate, will be awarded as conditions warrant but not more often than annually, to an engineer not over thirty-five (35) years of age who has demonstrated to a high degree capabilities in his chosen field of engineering, thereby indicating potential for further advancement and leadership as a professional engineer.

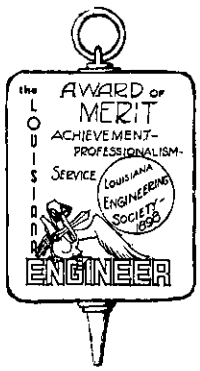
This honor will not go to an individual more than once, in the interest of spreading the encouragement, inspiration and recognition to the maximum number of persons.

The basic objectives of this award are to encourage and inspire young engineers with a desire to reach greater heights of **professional achievement** and **service.**

Persons considered for this award must be members of the Louisiana Engineering Society.

The Board of Direction, through the Honors and Awards Committee, is expected to search, by whatever means available, for those deserving the honor, and see that appropriate selections be made.

Suggested Design For The Key



Those considered for this award must be nominated on a year-to-year basis. Those nominees who are not successful one year will not be carried over to the next year. Each year a new group must be nominated for this award. There is no limit, other than age, to the number of times an individual may be nominated and evaluated.

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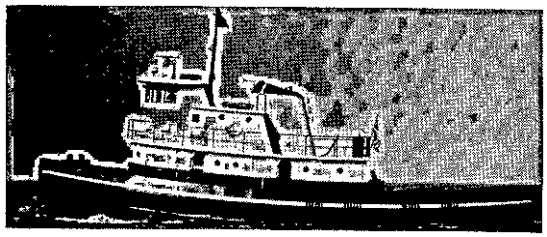

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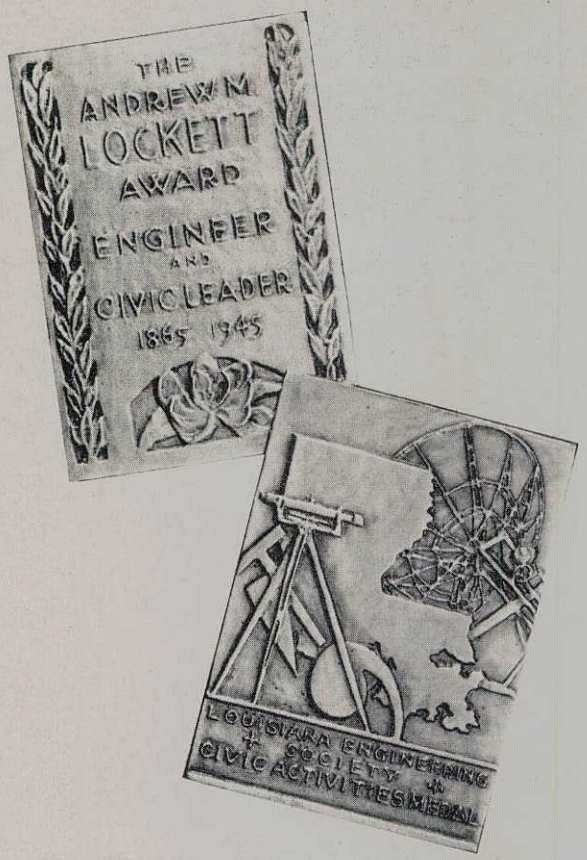


Louisiana Engineering Society

ANDREW M. LOCKETT MEDAL FOR CIVIC ACTIVITIES

CRITERIA GOVERNING THE AWARD of the LOUISIANA ENGINEERING SOCIETY FOR CIVIC ACTIVITIES THE ANDREW M. LOCKETT MEDAL

The Louisiana Engineering Society Civic Activities Award

The Andrew M. Lockett Medal

will be awarded as conditions warrant, but not more often than annually for,

Distinguished Civic Service

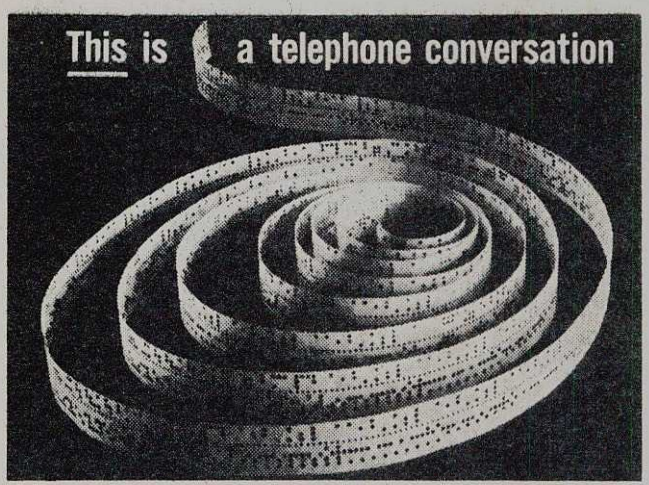
by an Engineer, in the interest of the Public, without compensation for those services.

The character and scope of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments.

The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the civic well being of their communities, parishes and the State of Louisiana.

RECIPIENTS OF THE L.E.S. CIVIC ACTIVITIES MEDAL ANDREW M. LOCKETT AWARD

1951	Lester F. Alexander
1952	Harold C. Leonard
1953	A. B. Paterson
1954	Arthur J. Naquin
1955	Not Awarded
1956	Homer G. Fritchie
1957	Frank Hugh Coughlin
1958	Neville Levy
1959	Not Awarded
1960	Franklyn G. Hornsby
1961	Clayton L. Nairne
1962	Not Awarded
1963	Richard R. L. Ward
1964	W. J. Evans
1965	Edward S. Bres
1966	Jeffrey H. Collins



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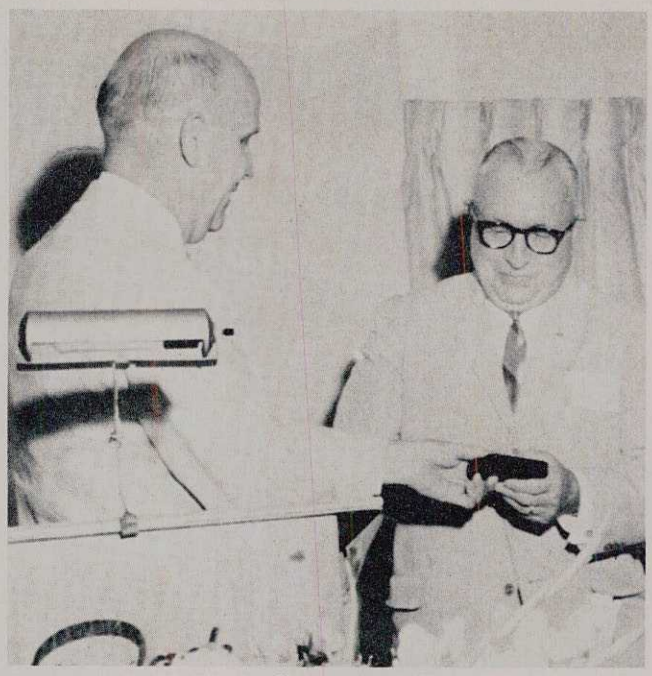
Presentation Address

Lionel Cucullu, NOPSI Vice Pres. Presents Award To Jeffery H. Collins, P.E.



Mr. Cucullu and Mr. Collins

You have invited me to do honor to one of our members by presenting the Lockett Award for civic service by an engineer. In exercising this privilege, I am myself honored because of the nostalgic associations this medal and its recipients represent. Perhaps it would not be presumptuous if I took a minute of your time to explain why.

Andrew M. Lockett was a Louisiana engineer who performed outstanding civic service. He was also a director of my company, — one that we well remember. I had the privilege, as president of your society, of helping to shape the policy for awarding of the medal and of extending to its first recipient in 1951 the society's invitation to accept the honor. This first honoree, Lester F. Alexander, also a director of my company, set a high standard for the society and for our profession in his devotion to civic projects. Glancing through the list of distinguished medalists since that first award in 1951, I find friends and associates and co-workers, and also find assurance that many engineers have not been content with professional accomplishment alone. Civic obligations have loomed large in their concept of life.

So it is with this background of deep interest in the medal and its tradition, of respect and admiration for men such as Lester Alexander, A. B. Paterson, Hugh Coughlin and the other recipients that I accepted with eagerness the opportunity to represent your society in awarding the medal to this year's honoree. The fact that it will be presented to a co-worker with whom I have been associated for the past 36 years makes the occasion a special privilege indeed.

Although I have known Jeff Collins and known of his civic work for all of those years, it was a revelation to see in print the scope of his activities as tabulated by the committee which proposed him for the Lockett Award. In the committee's words (I quote) "Although we have long known of Mr. Collins' activities and most of us have profited directly or indirectly from them, we were nevertheless astounded at their magnitude." Since the committee required three type-written pages to describe his work, the extracting and epitomizing of this material to its essence is a formidable task. Please forgive any shortcomings in my effort to do so.

Jeff served the New Orleans Community Chest in every conceivable capacity, including director, vice president and president. He has also served its successor, the United Fund, in numerous campaign leadership assignments. His work with Goodwill Industries for the past 13 years has included its highest offices as vice president, president and continuous service as a member of its board of directors. He has served on the boards or advisory boards of the Louisiana Association for Mental Health, the Mount Carmel Academy, the Associated Catholic Charities of New Orleans, the New Orleans Chapter, National Conference of Christians and Jews, and of Members' Council of the New Orleans Chamber of Commerce. Jeff has just completed his service as president of the New Orleans Rotary Club after holding the office of vice president and a member of its board. In addition to his civic work, he has found time for a long and active career in his industry's trade associations, achieving the top position or other high office in these, and he has served your society as chairman of some of its committees.

However, of all of Jeff's achievements, none stands out more prominently than his service to the youth of the nation through the Boy Scouts of America. He has been a member of the board of the New Orleans council for the past 17 years, serving also during some of these years as vice president, president, member of Region 5 Executive Committee and member-at-large of the national council. Scouting has recognized his service by presenting him with its highest honors, the Silver Beaver and the Silver Antelope Awards. But perhaps the most conspicuous aspect of his Boy Scout work is the activity which has been performed with no fanfare by Jeff and a few chosen associates, — the poobah! In the words of your society's committee "- - - it must be mentioned that he is and has been for many years a combination godfather and guardian angel of Camp Salmen, the principal camping area of the New Orleans Council of the Boy Scouts. He has been the power behind most of the improvements and of the maintenance of this important segment of boys' life in this area."

It is therefore with a keen sense of appreciation that I present to Jeffrey H. Collins the Louisiana Engineering Society Civic Activities Medal—the Andrew M. Lockett Award, for distinguished civic service, in the interest of the public, with no compensation other than the satisfaction of achievement and of service before self.

Louisiana Engineering Society

CHARLES M. KERR PUBLIC RELATIONS AWARD

CRITERIA
GOVERNING THE AWARD
of the
LOUISIANA ENGINEERING SOCIETY
CHARLES M. KERR PUBLIC RELATIONS AWARD

The Louisiana Engineering Society Public Relations Award

The Charles M. Kerr Plaque

will be awarded as conditions warrant, but not more often than annually for

Distinguished Service by an Engineer
in
Promotion of the Public Relations Program

for the Engineering Profession in Louisiana.

The character and scope of the contributions to the Society's overall public relations program internally and/or externally is the predominant criteria, rather than strictly engineering accomplishments. Officers of the Society and members of the L.E.S. Public Relations Committee are not eligible for the award.

The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the Society's public relations program in their communities, parishes and the State of Louisiana.

RECIPIENTS OF THE
L.E.S. CHARLES M. KERR PUBLIC RELATIONS AWARD

1965.....J. Mason Guillory

Nominations Must Be Received in January 1965

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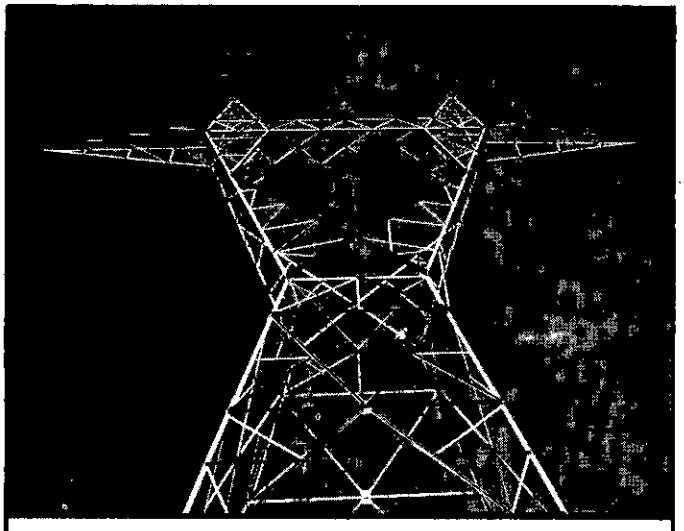

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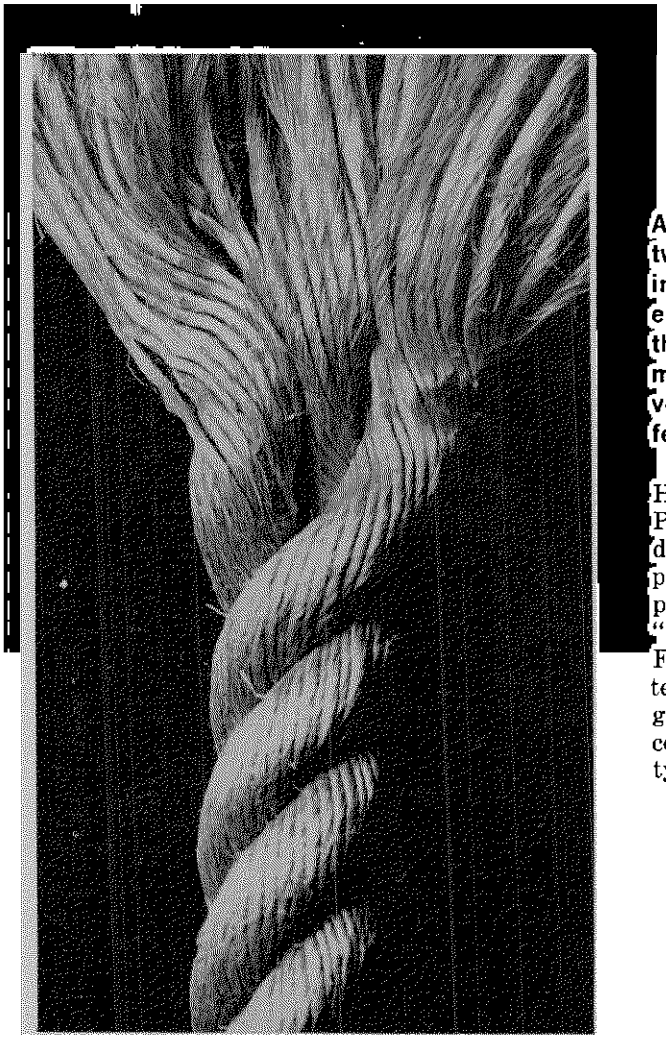

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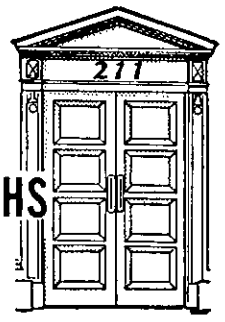

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Louisiana Engineering Society

A. B. PATERSON MEDAL FOR AN ENGINEER IN MANAGEMENT

CRITERIA
GOVERNING THE AWARD
of the
LOUISIANA ENGINEERING SOCIETY
FOR AN ENGINEER IN MANAGEMENT
THE A. B. PATERSON MEDAL

The Louisiana Engineering Society, Engineer-in-Management Award,

The A. B. Paterson Medal

will be awarded as conditions warrant, but not more often than annually for

Distinguished Service in Management
by an Engineer.

Achievements in management rather than engineering or scientific attainments shall be the primary criterion for the selection of the recipient.

The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to greater effort in the field of Business Management.

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Presentation Address

Gov. Sam Jones Presents Award to Harrell R. Smith, P.E.

Mr. Jones and Mr. Smith

The engineering profession has always intrigued and mystified me. This interest, it seems, has been handed down from father to son, over three or four generations.

Somewhere along the line I'm sure my father harbored a desire to be an engineer. And I know for certain that he tried to induce at least one of his four sons to study engineering. But once again fate and destiny misfired.

I came along with no illusions. I knew instinctively that I didn't have enough of the mathematical and scientific leanings to make the grade. So I did the next best thing. My son had a good mathematical mind and his grades in science were good. So I reasoned that here, at last, was our engineer. So I advised and counselled along this line. And the result was that he got his B.S. Degree in Chemical Engineering at Tulane. But I went one step too far.

I said: "Bob, if you're going to be a chemical engineer, you ought to figure on going to the top. So, why not take some courses in business administration?" After thinking this over for three months, he went me one better. And coming back home for a short vacation, he said: "Dad, I've been thinking about what you said, and I've decided to take my Master's degree in the Harvard Graduate Business School."

That was my undoing. He got so interested in the business world that he turned down three engineering jobs; and went with an investment firm selling stocks, bonds and commodities. So this particular Jones family, after three generations of trying, still doesn't have an engineer.

But we're working on the fourth generation now. Bob married Gus Quinn's daughter Sarah; and their first child was a boy, named Sam Houston Jones II. He isn't very old yet, but I already have hopes that he will inherit some of the engineering capacity of his maternal "Grandpa Gus," and that the Jones family will finally get itself an engineer — after four generations.

I suppose my interest in your profession derives from a part of my philosophy that there are in reality only two kinds of people — the builders and the non-builders. And the engineers are both by profession and inclination builders.

I further divide the builders into two camps: the constructive and the destructive — the progressive and the reactionaries; the men of vision and the laggards; those willing to swim against the tide, and those who drift with the current, for good or for ill.

And I, admiringly, place the engineers among "the good guys"; and against "the bad guys." I classify them as constructive, progressive, as men of vision; and those who are willing to swim against the tide. As those, in brief, who leave a better world than they found.

But as I told DeWitt L. Pyburn when, as Governor, I made him Louisiana's first Director of Public Works: There are two kinds of engineers, too. Those who can tell you why a project can't be accomplished and those who can make it work, come hell or high water.

Pyburn's vision of the great drainage program which Louisiana now has, and which was his brain child, was one of the greatest engineering accomplishments of our time. And there isn't a day that passes that more incredibly rich farm land is not added to our farms and pastures, simply because of the vision and ingenuity of one engineer.

But what a lot of people don't stop to consider is that this one example is being duplicated in a dozen walks or our economic life; in the marvelous development of transportation, in the incredible discoveries in the petrochemical world, which, in the main, is the rearranging of the molecules of hydrogen and carbon; in the giant construction of dams to supply the ever increasing demands for fresh water; in the development of electric power; in the construction of the modern home, the modern office building, and the modern industrial plant.

The mind of the engineer is giving us, in the South, the same needed lift in air conditioning that was given the North many decades ago in central heating. And by this development alone, the efficiency of Southern workers is to be increased and multiplied. And thus a new economic revolution is transforming an entire region.

Then came the engineering marvels that have changed completely the methods and processes in the production, refining and transportation of petroleum and its products. One result of these efforts are the incredible things that are happening in the oil of the Tidelands, destined by the predictions of some to become the richest source of petroleum in the world.

The significance of engineering to the State of Louisiana can never be overestimated. This is true because

we have far more resources, both in quantity and diversity, than the average state or the average region. Thus we have more to gain from engineering than other states.

More than a hundred years ago we were the richest state in the Union, in both per capita income and per capita wealth. We are on the way to becoming so again. And during the lifetimes of most of us assembled here tonight, Louisiana will be in the top ten — economically speaking — of the American states.

For the better part of a century we have been a sleeping giant. But now we have awakened. We are flexing our muscles, and we are commencing to develop the richest piece of real estate in the world, in the most strategic geographical location in the Western Hemisphere.

You have heard it said that all we lack is brains; that all we lack are trained and skilled men; that all we lack are top-flight executives on the top level. These deficiencies are being rapidly corrected.

There is an awareness today that our principal need is, indeed, the supplying of the training needed to meet the requirements of a modern industrial world; training that will place skilled men all the way up the ladder from the assembly line to the front office.

This awareness is already resulting in great accretions to the ranks of the highly skilled and the highly qualified. In some respects we are already better off than we, perhaps, realize. I had occasion, a year or so ago, to point out that the two largest industrial complexes in Louisiana were headed up not by people brought in from the loutside but by our own native, home-grown products.

One of these was born on Bayou Teche and educated at L.S.U.; the other was born in the hills of North Louisiana and educated at Louisiana Tech. These two headed our two biggest Louisiana industrial complexes. It is the latter who is one of our principal honorees tonight.

He is an inspiring example — "a home grown engineer in management" — the type of which you have chosen to honor from those among your ranks who have succeeded in the field of management as well as engineering.

And you have chosen well. I have known this man for almost a quarter century. During that time I have seen him progress from Assistant Process Superintendent to the position of General Manager of one of the largest industrial complexes in the world. This is a tribute to the man, to the engineering profession, and to the State of Louisiana which produced and educated him.

For his remarkable record as an engineer-in-management has been with one company and within the borders of his native state. His company is Cities Service Oil Company; and his career has been with that company and the subsidiaries and affiliates of the parent, Cities Service Company.

His record is all the more remarkable when you consider that the scope of his company's activities requires the services of more than 23 thousand people. And a great number of these are professional engineers, with varied and complete backgrounds, from practically every college and university in the United States.

Harrell R. Smith was born in Ruston, Louisiana. He was graduated from Louisiana Tech with a B.S. in mechanical engineering. He joined Cities Service in 1923 at the age of 19 years. He started as a refinery engineer of Louisiana Oil Refining Corporation. Three years later, at the age of 22, he began his management apprenticeship as Assistant Chief Engineer and was promoted to Chief Engineer a year later.

Management promotions followed in quick succession. He was named Assistant Refining Superintendent of Loreco and Arkansas Fuel Oil Company in 1930 and was promoted to Superintendent in 1933.

He entered the big league of the oil-refining industry in 1942, when his company moved him to Lake Charles, where it was building one of the most modern oil refineries in the world. He was assigned the complicated duties of Assistant Process Superintendent. In this position he had the responsibility of supervising the installation of newly engineered operating units and equipment. Two years later, in 1944, he was named Process Superintendent and faced the problem of starting up, and operating, the giant plant at maximum production.

Testimony of his success as engineer-in-management was his promotion to General Superintendent, with total managerial responsibility. He was made Vice President in 1960.

During the past four years Cities Service has been characterized by its rapid expansion and diversification. All domestic petroleum operations have been consolidated into one subsidiary, Cities Service Oil Company.

Its Lake Charles operations, consisting of the refinery, a lube and wax plant, a petrochemical plant, and butyl rubber plant, present an engineering and managerial challenge which precludes any but top talent — and an expert grasp of its widely diversified problems. "Harry" Smith, as he is more popularly known, has that assignment as general manager of the entire complex.

To give you some idea of the size of this operation, some 330 million dollars has been invested by Cities Service in the complex.

In the recent big merger and consolidation of the Cities Service operating companies, many new and unique problems were created. These necessitated a broad knowledge of labor relations, accounting, engineering in all its phases, operations, maintenance, technical services, marketing, transportation and public relations.

Fortunately, Cities Service had on hand, in Harry Smith, an engineer-in-management with the proper qualifications to take over as general manager of all its Lake Charles operations.

In general appearance and conduct Harry Smith impresses one as a soft-spoken, mild-mannered man. And all that is true, up to a point. But when he reaches that point, those of us who have worked with him have found out, he can be as tough and determined as they make 'em.

So when you add this to his other qualifications, you can understand why his progress has been so fast, and why he is so highly regarded as an important executive in one of the major oil companies of the world.

The average person might also reach another erroneous impression. He might come to the conclusion that our

honoree has been so dedicated to his job that he has not had the time to participate in his civic and public duties as a citizen. Nothing could be further from the truth.

Through the years he has made himself available for successful participation in numerous organizations and movements concerned with his community, his state, his industry and his profession. Some of you may know that he was a vice president of the charter organization of the Lake Charles section of this society. He served on its board of directors for a number of years. And he has continued his interest in all its activities.

He has, moreover, at every opportunity, stressed to his fellow engineers the importance of professional development through emphasis on registration and the professional responsibilities of the individual engineer.

His business and professional activities include service on the boards of the Louisiana Manufacturers Association, the Louisiana Petroleum Council, the Louisiana-Arkansas Division of Mid-Continent Oil and Gas Association, and of the Gulf States Utilities Company.

His community and civic activities include service on the boards of Lake Charles Association of Commerce, Southwest Louisiana Hospital Association, Public Affairs Research Council, Calcasieu Parish Airport Authority, Calcasieu United Appeals, Louisiana Boys Village, and the McNeese College Foundation.

He is on the board of the Lake Charles YMCA; serves on the board of Trustees of Trinity Baptist Church and as Chairman of its Finance Committee.

Thus it will be observed that he is not only a good engineer, and a good executive; he is also a good citizen of his community and state. True, he was educated as an engineer, but it is evidenced that he was born an executive.

His successes as a member of Cities Service management during the past 40 of 43 years he has spent with that company, in its Louisiana subsidiaries, have more than illustrated his potential in the still growing company he serves.

What then could be more appropriate than your presentation to him tonight of the A. B. Paterson Engineer-in-Management Award, the second recipient since the establishment of the award. It is presented because of his achievements in management, rather than engineering, in both of which he excelled. But let it not be forgotten that it is presented to him **because he is an engineer,** with a record of distinguished service in management.

And let me conclude by saying, as one outside your profession, that by this presentation you not only honor Harrell R. Smith, you honor the Louisiana Engineering Society as an organization.

RECIPIENTS OF THE
L.E.S. AWARD FOR ENGINEER-IN-MANAGEMENT
THE A. B. PATERSON MEDAL

1965.....John R. Gangler

1966.....Harrell R. Smith

Nominations Must Be Received in January, 1967

LOUISIANA ENGINEERING SOCIETY
Board of Direction Meeting
Jack Tar Capitol House, Baton Rouge
July 22, 1966

President Stokes called the meeting to order with the following present: Messrs. Duclos, McNamara, Nelson, Fernandez, Bubenzer, Odom, Johnson, Walk, McCain, Hurstell, Capozzoli, Sellers, Poulan, Cade, Hogue, Huffman, Kirby, Kellerman, Jolly, Ewing, Szabo and Myers. Also present was Earl Martin, L.E.S. Executive Secretary and Calvin Watts, Chairman of the Honors and Awards Committee, and Ferrell Adams, Secretary Treasurer of the Shreveport Chapter.

Minutes of the June Board meeting were accepted with corrections, as mailed to Board Members, on a motion by Mr. Duclos and seconded by Mr. McNamara.

The financial statement as of June 30, 1966 was read by Mr. Martin, who announced that the audit for the year was not complete, but would be ready for the next meeting and wuold be published in the Engineer.

The report of the Tellers Committee was read, with 425 ballots received and the following oficers were elected:

President-Elect 1967-68—**E. J. McNamara**
Second Vice President—**Leo M. Odom**
Secretary-Treasurer—**John F. Vogt, Jr.**
National Director for two years—**W. S. Nelson**
State Director for two years—**Michael J. Cade**
State Director for two years—**M. B. Ewing**

A copy of the ballot is attached to these minutes.

The membership report for the year was read and the June ballot for election of new members was accepted on a motion by Mr. Fernandez and seconded by Mr. Bubenzer. A copy is attached to and becomes a part of these minutes.

Mr. Watts explained the proposed new engineer award and distributed the guidelines prepared for use in consideration of nominees. Mr. Walk moved that the new award information be distributed to the chapters and that the committee go ahead with the preparation of the award. Mr. Nelson gave the second and the motion carried.

Mr. Odom gave the Board some comments on activities during the recent Legislature, particularly regarding the "Selection of Architects and Engineers for State Work" bill, since the Governor had vetoed this measure after passage thru both Houses. Mr. Nelson moved that the "Letter of Recommendation to the Governor" outlining a suggested procedure for the selection of engineers for state projects, which was prepared by PEPP and held up pending the results of this legislation, be referred back to the Section for a final recommendation to the Board for further action. Mr. Fernandez gave the second and the motion carried.

Mr. Jolly issued an invitation on behalf of the Shreveport Chapter for the L.E.S. to hold its 1967 Annual Meeting in Shreveport. Mr. Duclos announced that with the Board's approval, the next meeting would be held in New Orleans, August 11, at 6:00 P.M. at the Hilton Inn, and that invitations for the Annual Meeting would be received at that meeting.

Mr. Duclos asked approval of a Building Committee composed of Messrs. McNamara, Nelson, Odom, Sellers and Stokes. There were no objections, and Mr. Duclos requested that this committee meet at 5:00 P.M. on Thursday August 11, preceeding the Board Meeting.

Mr. Jolly asked that a map showing the boundaries of each chapter be sent to all Chapters, and recommended that there should be chapter areas that include complete parishes, and not cut across parish lines. Mr. Adams commented that all other organizations used parish boundaries, and the L.E.S. should consider similar chapter boundaries. Mr. Fernandez commented that the Board has the authority to change or alter chapter boundaries as it may deem necessary. Mr. Duclos made a motion that Chapter Presidents form a Committee to set the boundaries of the chapters and report their recommendations to the Board for consideration. Mr. Nelson gave the second and the motion carried.

There being no further business the meeting adjourned.

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Looking Back— 50 Years Ago

Excerpts from the October 1916 issue of The Proceedings of the Louisiana Engineering Society.

REGULAR MEETING OF THE SOCIETY, SEPTEMBER 11, 1916

The meeting was called to order with President Young in the chair and 37 members and guests present.

Mr. Shaw, chairman of the Library Committee, reported that the cards suggesting new books for the library had started coming in, but no tabulation of books to be purchased would be made until all the cards were in.

The technical exercises of the evening were then held. Mr. Charles W. Okey read a very interesting paper entitled, "Recent Storm Tides on the Gulf Coast." A lengthy discussion followed, during which Mr. Shaw of Gulfport, Mississippi, described the work of coast protection that was under construction at Gulfport.

Mr. A. M. Shaw moved that Mr. Okey be tendered a rising vote of thanks for his carefully prepared paper, and Mr. Hobart D. Shaw of Gulfport for his interesting description of the work of coast protection at that place. The motion was seconded and carried.

There being no further buisness, the meeting adjourned to the collation.

W. T. HOGG, Secretary

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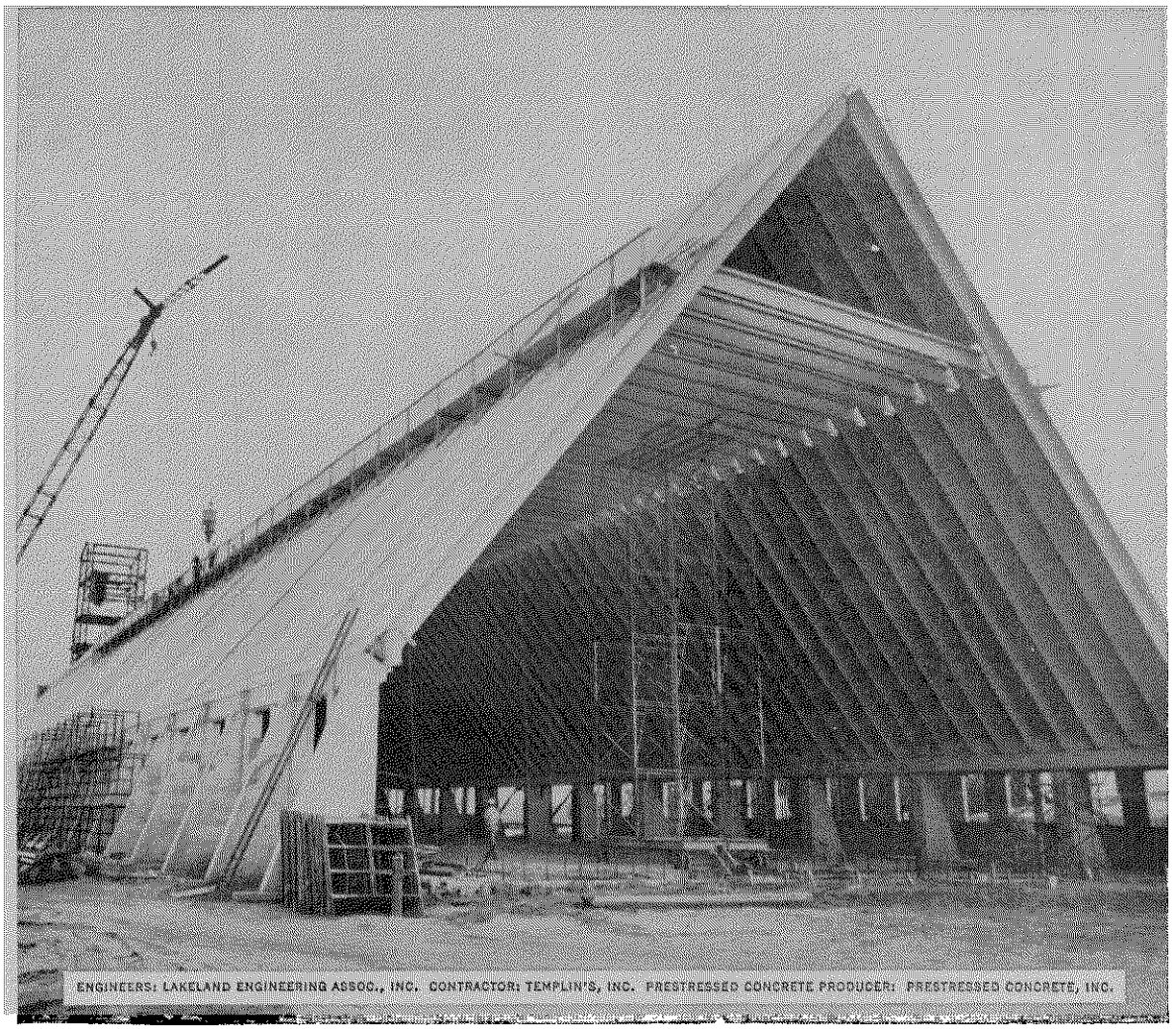

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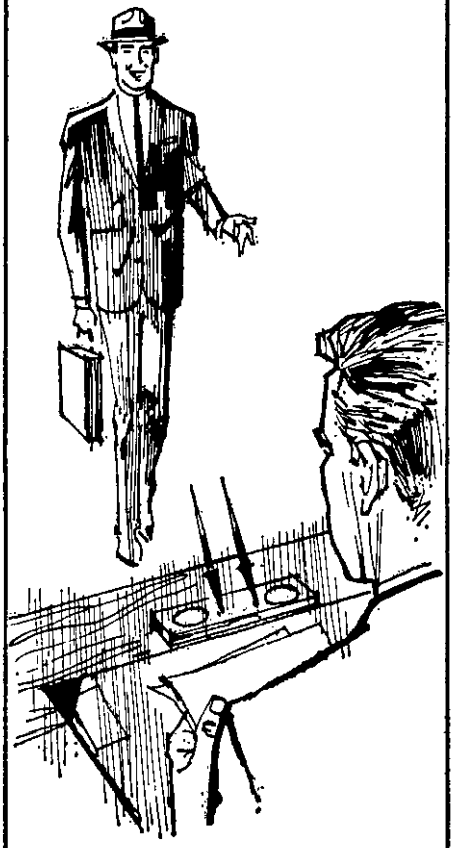

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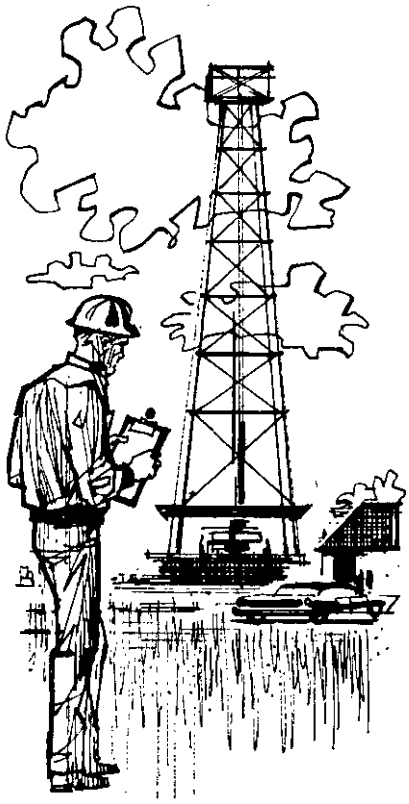

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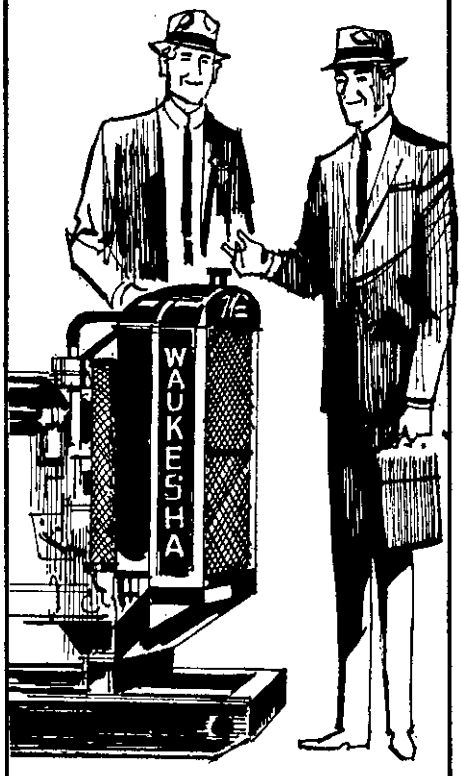

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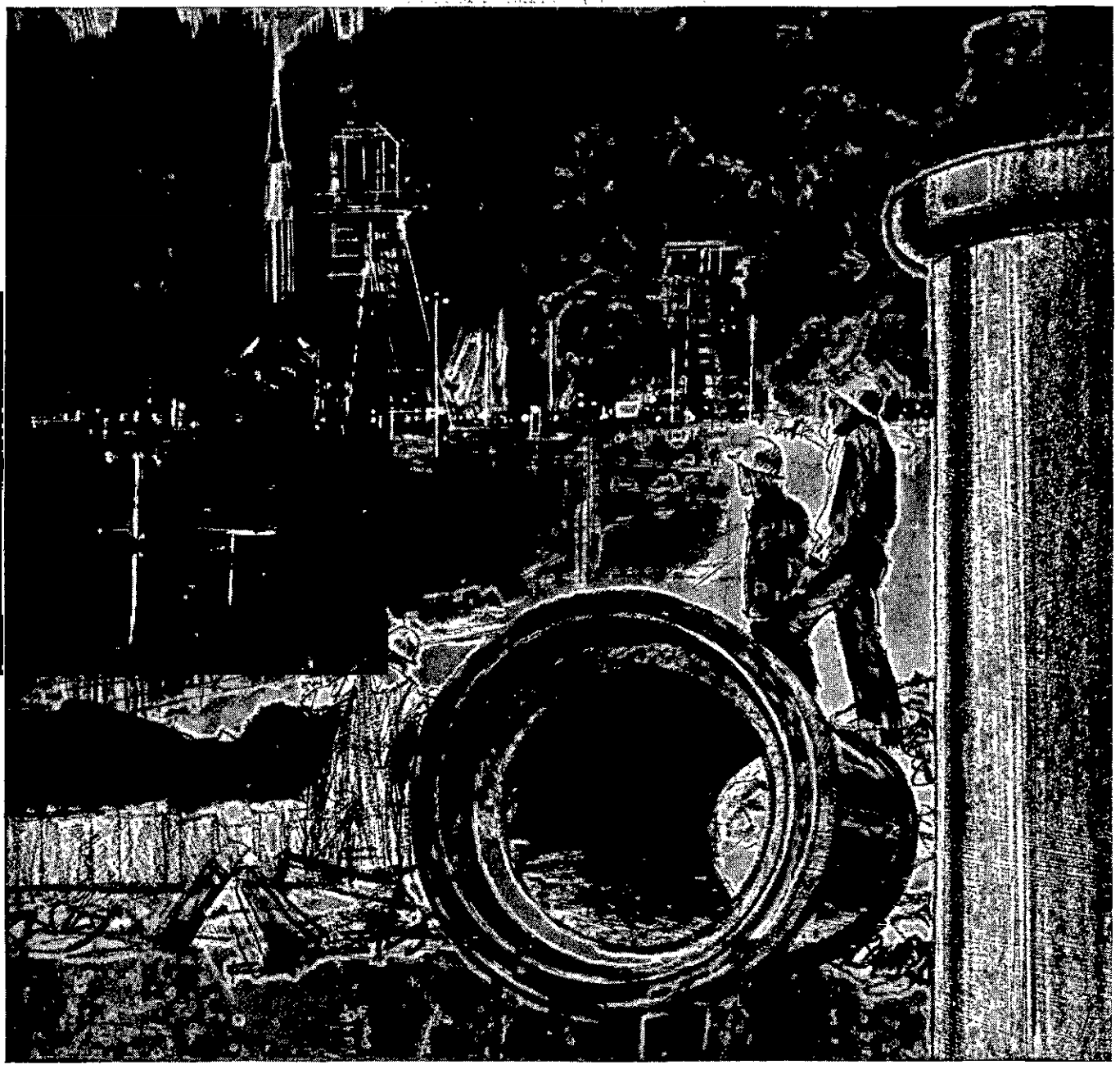

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LOUISIANA ENGINEER

DECEMBER, 1966

Volume 52 No. 6

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9-14 WINTER MEETING SET FOR SHREVEPORT

To acquaint you with the programs of the various state committees and functional sections, the activities planned at Alexandria for each are reproduced in this issue.

15 CHAPTER NEWS

16, 17 THE 1967 SPRING CONVENTION

Plans and arrangements for the Spring Convention are almost complete. The fine programs and speakers are shown on page 17.

19 HONORS AND AWARDS

Members are urged to consider applicants and make recommendations for the various LES Awards.

20, 21 SECRETARIES DAY AT ENGINEERS CLUB

28 MEETING DATES

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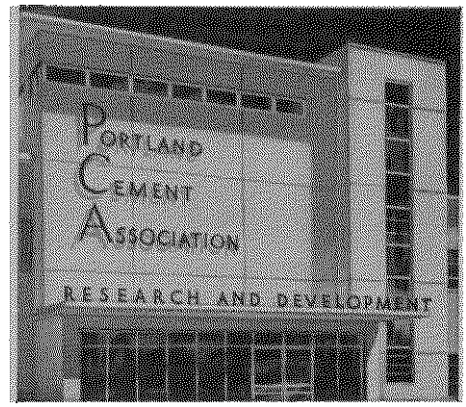

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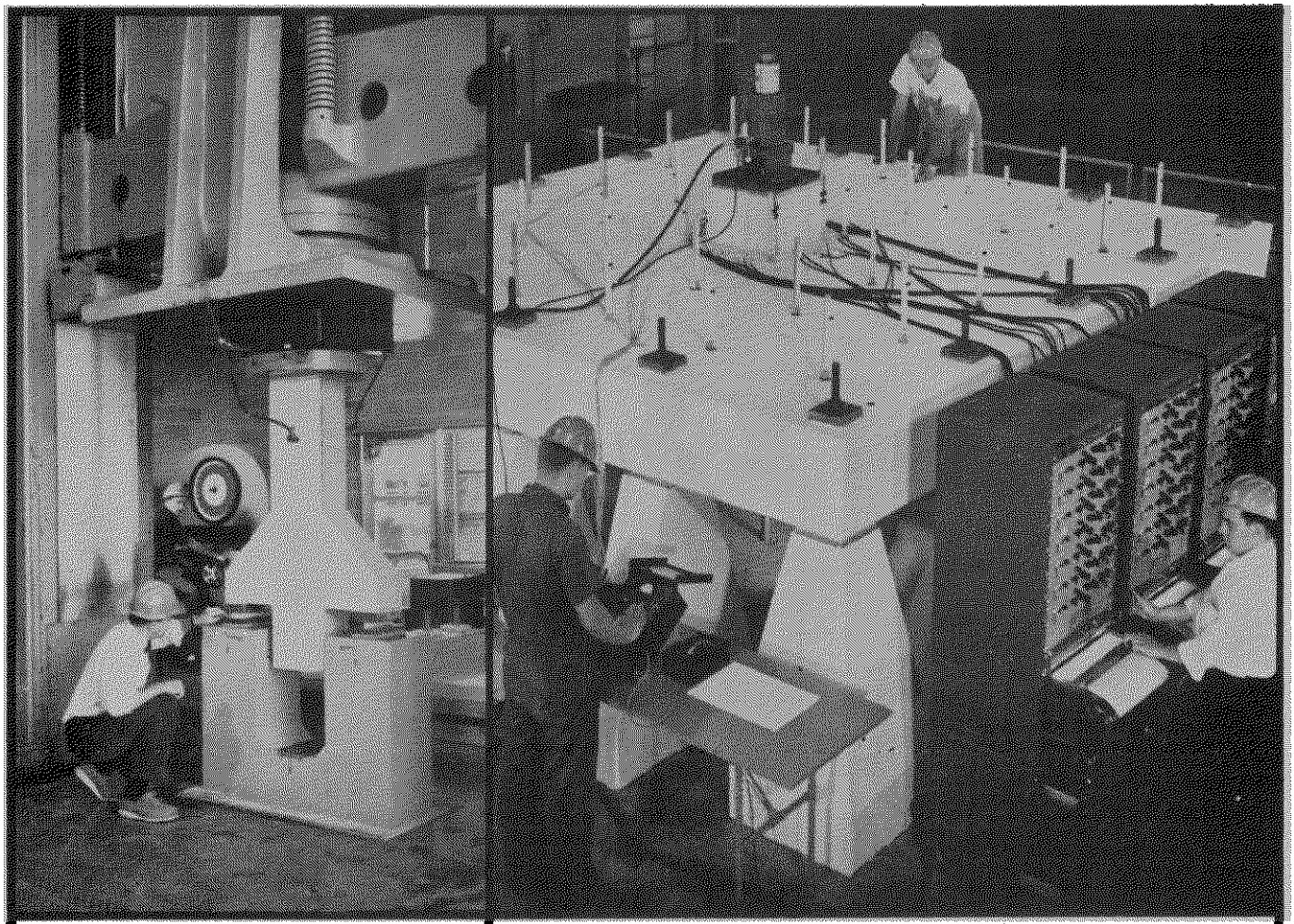

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LECTURER

LAWRENCE MANN, JR., Associate Professor of Industrial Engineering, Louisiana State University. He holds the B.S. degree in Mechanical Engineering from Louisiana State University; the Master's and Ph.D degrees in Industrial Engineering from Purdue University.

His work experience includes seven years experience in the petroleum refining industry and three years in the consulting field. He is or has been a consultant in the fields of plant layout, work measurement, industrial statistics and environmental design in the refining, chemical fabricated steel industries.

Dr. Mann's primary interest is in the statistical and quantitative solutions to production control and maintenance problems. He has conducted sponsored research in this field over a period of five years. He has published numerous articles and papers on maintenance problems.

GENERAL INFORMATION

REGISTRATION: The final date for registration will be December 20 1966. The class will be limited to approximately 20 students. Persons are urged to register in advance by submitting their fees which are $125.00. Advance registrants who find that they cannot attend the seminar after having paid their fees, may apply to the Short Courses and Conference Office for full refund of their fees.

Textbooks and all materials will be furnished to participants.

OTHER INFORMATION: For additional information concerning the Academic aspects of this institute, write:

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Baton Rouge, Louisiana 70803

For information concerning registration or housing, write to:

Mr. Ed Boudreaux, Coordinator
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New Chapter Areas

The LES Board of Direction has approved the recommendation made by a committee of Chapter Presidents which changes the boundaries of each Chapter to coincide with Parish boundaries. The map on the opposite page shows the parishes included in each chapter. Listed below are the parishes in each chapter.

Alexandria
Avoyelles
Rapides
Vernon
Sabine
Grant
LaSalle
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Concordia
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Iberville
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Bossier
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Claiborne
Bienville
Red River

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Orleans
Jefferson
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Plaquemines
Saint Charles
St. John
St. Tammany
Tangipahoa
Washington
Lafourche
Terrebonne

Lafayette
Acadia
Vermilion
Evangeline
Saint Landry
Lafayette
Saint Martin
Iberia
Saint Mary

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Map Outlines New Chapter Boundries

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A Printing Correction

The Lafayette Chapter of the LES Auxiliary presented a check to Dr. Wayne P. Wallace (left) Dean of the College of Engineering and professor of Civil Engineering at the University of Southwestern Louisiana at Lafayette. It was stipulated that this check would be applied to the purchase of an air-conditioning unit for a classroom in the Engineering building. It is hoped this will eliminate the Summer School enrollment in the School of Engineering. Making this presentation to Dr. Wallace are (center) Mrs. James E. Reed, Jr., Auxiliary President and (right) Mrs. E. Raymond Desormeaux, Treasurer. Other projects for the year include a membership drive and assisting the Lafayette Chapter of LES with plans for Engineering Week.

Editors Note: In the October issue of the ENGINEER, a word was misspelled in the above caption. The word should read "stimulate" instead of "eliminate". Our apologies to Southwestern and to the Lafayette Ladies Apxiliary.

JACKSON, Miss. (Special)—A guaranteed power cost program primarily for stationary engines operating 24 hours a day is proving a unique attraction at Reagan Equipment Company's Jackson, Miss. branch.

Roy Tipton, District Manager for Reagan, distributor for Waukesha natural gas and diesel engines, described the program.

"Our engine contract maintenance includes all lubricants, anti-freeze, parts, labor and overhauls at a fixed cost," he said. "This gives the customer a predictable power cost."

Reagan will also lease the engine with maintenance tailormade to the user's requirements at a flat rate. These power package programs are becoming increasingly popular with the engine user, said Tipton.

A new Reagan service is building heat recovery units. These units cut the customer's energy cost by recovery heat lost through the engine's exhaust and radiator.

"Typical uses in this area," said Tipton, "are power oil heating, tank heating to control paraffin, and flow line heating for low gravity crude oil."

The Reagan shop at Jackson, Mississippi boasts the most complete heavy engine shop in the state.

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1967 Winter Meeting Set For Shreveport

Marion Bubenzer, State Director from Shreveport, Mr. and Mrs. Fred C. Culpepper, Monroe Chapter, Farrell Adams and E. M. Jolly, Shreveport Chapter, shown at the 1966 Winter Meeting.

The 2nd Annual Winter Meeting of the LES will be held at the Captain Shreve Hotel in Shreveport on Friday and Saturday, February 24, 25 1967. Hosting this meeting will be the Shreveport Chapter, and the agenda will be similar to the Alexandria Conference held in September.

LES President Louis Duclos will preside at The LES meeting and urges all state and chapter committees and functional section members to attend and help promote and increase the fine LES programs and activities begun in September. "With the new committee membership requirement which provides for 2 members from each chapter, continuity of committees and their programs have to improve," said Ed Jolly, Shreveport Chapter President.

So that you may become more familar with the activities of our functional sections and state committees, the minutes of each meeting in Alexandria are reproduced on this and succeeding pages.

A highlight of the meeting will be the participation of LES members who may elect to stay over and attend the final event of the Shreveport Engineering and Scientific Council's Engineers Week Program, a banquet at the East Ridge Country Club on Saturday evening. Featured speaker at this banquet will be Dr. Wernher von Braun, Director of the George C. Marshall Space Flight Center at Huntsville, Ala.

Make your plans now—Mark your calendar!

PROFESSIONAL ENGINEERS IN GOVERNMENT

Chairman: Hu B. Myers, P.E.; *Vice Chairman*: Roger Guissinger, P.E.; *Secretary*: D. V. Cresap, P.E.; *Alexandria*: R. M. Primeaux, P.E., K. V. Stewart, P.E.; *Baton Rouge*: G. R. Dyson, P.E., Sidney L. Poleynard; *Lafayette*: Elliot H. Hewes, P.E.; *New Orleans*: Paul Andry, P.E.

Chairman Hu B. Myers called the meeting to order at 8:30 A.M. The following members were in attendance: R. L. Bennett, G. R. Dyson, E. H. Hewes, O. T. Ice, T. C. Morgan, Hu B. Myers, C. K. Oakes, M. A. Pistorius, P. J. Plaisance, R. M. Primeaux, and K. V. Stewart.

Chairman Myers reviewed proceedings of the last meeting, which was held on June 25, 1966, in connection with the annual LES meeting.

Mr. Myers reported that there has been considerable interest indicated in changing the name of the Functional Section to include engineers employed by federal and local governments, other than state government. After discussions by most of those present expressing views on the proposed change, it was moved by G. R. Dyson and seconded by C. K. Oakes that the name of the Functional Section be changed to "Functional Section for Professional Engineers in Government," and, further, that the bylaws be revised, approved by the Functional Section Executive Board, and submitted to the Board of Direction for approval. The motion was unanimously approved. It was further recommended that all known government employees who are members of LES be contacted by letter informing them of the Functional Section change and inviting them to participate and recruit new members. The need for additional chapter delegates to the Functional Section to represent local, federal, or state engineers was discussed.

The Chairman reported that a salary comparison of state and federal engineers had been prepared and mailed to known members of the Functional Section. After some discussion, on motion by M. A. Pistorius, seconded by O. T. Ice, it was approved that a study be made to compare engineers' salaries of the state government, industry, consultants, and federal government. Chairman Myers stated that a committee would be appointed to carry out this study. Mr. Ice submitted information and data regarding the salary range of the State's Engineer IV rating and recommended that the Civil Service Department be asked to make an adjustment for this rating to be compatible with the salary range of Engineer III and V ratings.

The Chairman invited comments as to what the objectives of the new Functional Section should be. All persons present participated in this discussion. Mr. Stewart pointed out that there are two main objectives confronting the Section presently; these are, the salary comparisons of Professional Engineers in government and that of recruiting new members as well as promoting participation in the Section. Mr. McNamara suggested that one of the objectives for the year could well be that the Section prepare a program and take it to the local chapters and other groups to inform them about PEG. Mr. Plaisance suggested that any adverse publicity concerning engineers that has been published should have the attention of the Functional Section, and a constructive rebuttal provided. Chairman Myers pointed out that in addition to this, the Functional Section could undertake the preparation of letters or articles in support of engineering projects, etc., and upon approval by the Board of Direction they could be published.

(Continued on Page 10)

FUNCTIONAL SECTION
ENGINEERS IN PRIVATE PRACTICE

Chairman: A. J. Szabo, P.E.; *Vice Chairman*: Charles P. Barnard, P.E.; *Secretary*: Ralph Caffery, P.E., *Alexandria*: Claude Boutte, P.E.; *Baton Rouge*: A. B. Williamson, P.E.; *Lake Charles*: Ernest Levingston, P.E.; *Monroe*: Fred C. Culpepper, Asa M. Ray, P.E.; *New Orleans*: Frank H. Walk, P.E., Warren G. Moses, P.E.; *Shreveport*: Edward M. Jolly, P.E.

The first order of business was the reading of the minutes of the meeting held during the 1966 Annual Meeting of the Louisiana Engineering Society on July 23, 1966, at the Capitol House Hotel in Baton Rouge. The minutes were adopted as read.

Mr. Szabo announced the following schedule of future meetings of the PEPP Board:

Nov. 3, 1966		Baton Rouge
Feb. 24, 25, 1967	Mid-Winter LES	Shreveport
March 17, 1967		Lafayette
April 27, 28, 1967	LES Convention	New Orleans
July, 1967	Annnual Meeting of LES	Undetermined

Mr. Szabo reviewed the joint meeting of the Consulting Engineers Council and the PEPP on August 30, 1966. The CEC was not in favor of the On Site Fee Schedule. The matter was referred to the PEPP National Board.

There followed a discussion concerning the formation of a Standing Committee on Fee Schedules for the purpose of reviewing all problems arising which related to fee schedules. It was brought out that the ASCE had issued a revised fee schedule after that published by the LES, and that the LES schedule needs reviewing to update. Mr. Szabo appointed the following Standing Committee Members:

Albert J. Mayers, Chairman	—	Baton Rouge
Edward M. Jolly	—	Shreveport
Fred C. Culpepper	—	Monroe
Howard L'Heureux	—	Alexandria
A. J. Szabo	—	Lafayette
Joe T. Montgomery	—	New Orleans

Mr. Szabo mentioned efforts by NSPE to get the Farmers Home Administration to adopt a new contract form, and that the FHA had agreed to use the ASCE Manual No. 45. Mr. Joe Richard discused his contacts with Senator Ellender and Representative Morrison regarding FHA contracts and procedures, and his efforts to get design criteria changed also.

There followed a discussion of the 6% limitation on engineering fees by the Federal Government, with comments on the NSPE investigation of same.

A motion was made by Mr. Joe Richard to write a letter to the LES Board recommending that the LES Board adopt a Resolution of concurrence with the NSPE and ASCE recommended fee schedules for Federal Government Projects. Seconded by Mr. Barnard and carried.

The views of the Consulting Engineers Council at the August 30 meeting relative to the proposed Guide to the Selection of Engineers by Public Bodies was discussed. The following committee was appointed by Mr. Szabo to study the problem and make recommendations:

Leo Odom — Baton Rouge
Christ Demopulos — Shreveport
Anthony Morovich — New Orleans

There was then discussed the formation of an engineers joint action group in Louisiana, with members of the ASCE, CEC and PEPP represented. Mr. Szabo announced his intent to appoint John McCain to represent the PEPP Section, subject to review of minutes of January, 1966, meeting in New Orleans.

Services offered to municipalities on Federal assistance programs by the Urban Programming Corporation of St. Louis, Missouri, was discussed.

The following Committees were appointed:

Standard Specifications and General Conditions,
Edward M. Jolly, Chairman — Shreveport
Joe Richard — Baton Rouge
Waldemar Nelson — New Orleans
Charles P. Barnard — Baton Rouge
Emery Domingue — Lafayette
Tom David — Alexandria

Membership,
Ralph Caffery, Chairman — Lafayette
James Mohr — Shreveport
Ernest Levingston — Lake Charles
Asa Ray — Monroe
John Grosch — Baton Rouge
Earl Martin

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PROFESSIONAL ENGINEERS IN INDUSTRY

Chairman: Malcolm Hurstell, P.E.; *Alexandria*: Newton Himel, P.E., Leigh Brown, P.E.; *Baton Rouge*: Raymond E. Pillow, P.E., J. W. Affolter, Jr., P.E.; *Lafayette*: S. J. Richard, P.E., Allen Bonnet, P.E.; *New Orleans*: W. T. Edwards, P.E.; *Shreveport*: L. D. Myers, P.E.

Chairman Hurstell reported on the PEI Workshop held in Houston on April 1 and 2, 1966. The general theme of this year's workshop "PEI Action Programs" was designed to present to the participants a cross section of the successful activities engaged in by national and local sections. Reorganization of PEI was discussed, PEI programs for 1966 were outlined and some of the research projects on problems of the profession were presented.

Chairman Hurstell read a letter from Ed Misegades, Vice Chairman of Southwest Region, who reported on the PEI Executive Committee Meeting held in Minneapolis, Minnesota. Mr. Misegades reported that the most significant action taken by the PEI Board of Directors at this meeting was the recommendation to adopt new Rules of Government and Operation for the PEI Functional Section. This recommendation has been accepted by the NSPE Board of Directors. The importance of this action is that a Board of Governors shall be established as the administrative group of PEI, with representation from each of the 50 states and 4 territorial organizations of NSPE. At the present time, the PEI Functional Section is administered solely by a Board of Directors with one director from each of the six regions of the United States.

Mr. Misegades called particular attention to the fact that, if our state society does not have a PEI Functional Section, now is the time to organize. In an effort to obtain as much guidance as possible in organizing a PEI Functional Section in LES, Chairman Hurstell will ask Mr. Misegades for assistance is organizing a PEI Section in LES.

Chairman Hurstell reported that plans are underway for the 4th Annual National Conference of PEI to be held at the deVille Motor Hotel in St. Louis on October 14 & 15, 1966. A program of interest to industry's engineers as well as administrators has been formulated around the topic "Utilization of Engineers for Greater Productivity." The PEI slide presentation promoting membership in PEI will be shown during this conference. PEI Promotional Committee Chairman, Arther A. Kasper has asked that the program be presented at the general meeting during the Annual Winter Meeting in Puerto Rico. The slide program will generally discuss what NSPE through PEI does for engineers in industry and will be aimed primarily at non-member engineers in industry.

Chairman Hurstell reported that a proposed operating policy for PEI for LES has been prepared. A committee consisting of S. J. Richard and T. J. Hogue, with guidance from Past President Stokes, will review this proposed policy and make their recommendations at the LES Winter Meeting.

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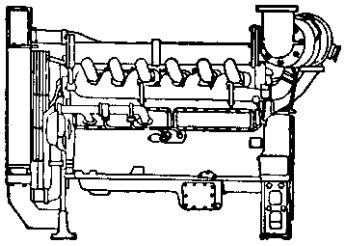

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Committee Activities

EDUCATION COMMITTEE

Chairman: H. L. Henry, P.E.; *Baton Rouge*: Dr. Bernard S. Pressburg, P.E., L. R. Daniel, Jr., P.E.; *Lafayette*: R. E. Jenkins, P.E., Briant J. Fournet, P.E.; *Monroe*: Milton R. Johnson, Jr., P.E., George H. Heller, P.E.; *New Orleans*: Claude Sperry, P.E.; *Shreveport*: J. L. Lewis, P.E., W. E. Heffington, P.E.

The Chairman reviewed the constitution and what it had to say about the function of the Education Committee. The constitution implies that the work of the Education Committee is limited to the formal education programs in the state. The committee agreed that the Louisiana Engineering Society and its Education Committee should be very much interested in continuing education for practicing engineers. The Chairman exhibited a report of the Joint Advisory Committee, sponsored by ECPD, the Engineers Joint Council, the American Society for Engineering Education, and the National Society of Professional Engineers. It was pointed out that a successful continuing engineering education program must be a joint effort of industry, academic institutions, engineering societies, and government agencies that employ engineers. The committee voted unanimously to recommend that the Louisiana Engineering Society immediately initiate and become active in obtaining funds and establishing a program of continuing education for practicing engineers in the state.

The committee discussed the preliminary report of the "Goals Study." The committee recommends that the Louisiana Engineering Society support strongly the recommendation that was published in the "Engineer in Education Newsletter," "The educational experience of students shall include knowledge of the meaning, responsibilities and ethics of engineering as a profession.

The committee voted unanimously to rescind a resolution passed by the 1965-1966 Education Committee, which read as follows: "Resolved that the LES go on record as favoring strengthening currently authorized engineering programs in the state-supported institutions, and that no other state-supported institutions be allowed to start an engineering program until the existing programs are all accredited by the ECPD." The reason for rescinding this resolution is that there appeared no good way to implement this resolution to any satisfactory degree. To accomplish the intent of this resolution, the committee believes that a high-level advisory board be created that would have ready access to the governor and the legislature. The committee did not attempt to establish the details of such an advisory board at this meeting, but adjourned with the understanding that each committee member would give serious thought to establishing the advisory board and communicate in writing his thoughts on this to the committee chairman. It is hoped that this matter can be firmed up in the next few months.

The committee noted that EIT certification is increasing in the engineering schools in the state. The committee believes that the Board of Directors of LES should encourage this program.

MEMBERSHIP COMMITTEE

Chairman: Farrell Adams, P.E.; *Alexandria*: John Leggett, P.E., K. V. Stewart, P.E.; *Baton Rouge*: Leo J. Odom, P.E., Glynn P. Gautreau, P.E.; *Lafayette*: J. D. McGuirt, P.E.; *Monroe*: Grover J. Trammell, Jr., P.E., Clifton C. Boyd, P.E.; *New Orleans*: L. C. Grundmann, Jr., P.E.; *Shreveport*: E. H. Tooley, E. V. Fisher, P.E.

The Membership Committee held its first meeting at the Alexandria Planning Conference on September 10, 1966, at the Bentley Hotel.

The following recommendations from this committee are presented for the Board's consideration and action:

1. That a new easy-to-carry wallet-size application form be printed and made available to members.
2. It is recommended that acknowledgment of applications and acceptance of new members be individually typed rather than mimeograph letters.
3. That the Louisiana Engineering Society give free LES membership certificates for the different grades of membership. Also, that NSPE members be informed that they may purchase NSPE membership certificates if they desire.
4. That an up-to-date box score by chapters of the applications received by the state office be printed in each issue of the Louisiana Engineer. Also, the membership contest rules should be printed.
5. It is recommended that the Chairman and Vice-Chairman of this Committee receive a monthly report of the applications received by the state office, in order that they may assist chapters that are lacking in membership promotion.
6. It is recommended that the state office notify the chapter membership chairman of any delinquent members in order that they may be contacted on the local level prior to being notified by the state office.
7. It is recommended that the state office handle the preparation of new LES handout pieces of literature for membership promotion.
8. It is recommended that the Membership Contest continue and rules be changed to allow any chapter winning the award three consecutive times to retain permanent possession.

This Committee also appointed a sub-committee consisting of the following members: Sellers, Adams, Fisher, Tooley, and McNamara. This sub-committee is to work on a proposed constitutional change for simplifying admission of new members in LES; and also, to study the creating of a new member grade whereby this member would not be required to be a member of NSPE.

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PUBLIC RELATIONS COMMITTEE

Chairman: Dr. Roger W. Richardson, P.E.; *Vice Chairman*: Robert F. Burns, P.E.; *Alexandria*: James M. Watts, P.E., Mark Howard, P.E.; *Baton Rouge*: Ralph B. Holloway, Joe G. Richard, Jr., P.E.; *Lafayette*: Sylvan J. Richard, P.E., W. Gayle Hebert, P.E.; *Monroe*: C. H. Edwards, Jr., P.E.; Joseph Q. Herpin, Jr.; *Shreveport*: Max P. Watson, P.E.; W. J. Googe, P.E.

The State Public Relations Committee of the Louisiana Engineering Society had a meeting in the Bentley Hotel in Alexandria on September 10. The following members were in attendance: James W. Watts, Richard M. Primeaux, Alexandria; Joe G. Richard, Jr., Baton Rouge; S. J. Richard, Thurman C. Morgan, Lafayette; M. C. Geiberger, Shreveport.

There were no representatives present from Monroe, New Orleans or Lake Charles.

The first items discussed had to do with Engineers Week. The following were assigned responsibility for Engineers Week in their particular locations:

Mr. Mark Howard, Alexandria; Mr. Joe Richard, Baton Rouge; Mr. Sylvan Richard, Lafayette; Mr. M. C. Gieberger, Shreveport.

In the general area of public relations it was decided to have a limited number of objectives and to try to carry them out well rather than to have a wide scope of activities which would be too difficult and time consuming to handle. These objectives include:

1. Cooperate with industry public relations groups to emphasize engineering contributions in news releases, etc.
2. Set up local speakers bureaus to provide speakers for service clubs, high schools, and other local organizations.
3. Seek opportunities to bring engineering into prominence in public events such as dedications, ceremonies, etc. where engineering has made a contribution.
4. Cooperate with local chapters in publicity for meetings, special events, etc.
5. Prepare a list of qualified engineers who are willing and able to serve in various public service activities such as boards, committees, etc.

It was recommended that each local chapter try to carry on these activities in their particular areas.

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COMMITTEE REPORTS (Cont'd)

LEGISLATIVE COMMITTEE

Chairman: Charles P. Barnard, P.E.; *Vice Chairman*: Frank M. Heroy, Jr., P.E.; *Alexandria*: Bill Rountree, P.E., William J. Thevenote, P.E.; *Lafayette*: Robert E. Miller, P.E., Ralph Caffery, P.E.; *Monroe*: Ben T. Bogard, P.E., Homer H. Mullins, P.E.; *New Orleans*: Walter H. Scales, P.E.; *Shreveport*: L. Alexander, P.E., B. J. Guin, P.E.

The first order of business was the review of two NSPE Legislative Action Reports on which we as a committee were requested to submit our comments. The first report reviewed pertained to "Portable Pension Bill" (H.R. 16832 submitted to the Congress by Representative John B. Dingell, Democrat - Michigan). This bill was designed to protect employees covered by private pension plans from loss of their pension credits when they resign or are released from their jobs. The bill has two main provisions which in one instance vested certain rights to employees in pension plans after a specified number of years of employment. In the other instance, the bill will create a special fund within the Federal Department of Health Education and Welfare for deposit of these vested funds when an employee leaves his present employer. The Committee felt that the affects of such a bill would be very far reaching and could bring Federal control into an area that was not felt desirable. For this reason, the Committee voiced their opposition to this bill.

The next item considered was the Inter-governmental Personnel Act of 1966 (S3408). This bill, now ready for Senate hearings, provides Federal Grants and Aid to States, Counties and Municipalities to attract and train shortage category employees, improve personnel administration, and to extend merit system coverage. After some discussion on this bill, the Committee was unanimous in their opposition. Though not opposed to training of shortage category employees, the Committee felt that this was again an extension of Federal authority in an area that is not desirable. It was further felt that State or local governments could effectively carry on such training within their own systems as it is now done in the State of Louisiana.

The next item of business concerned the plans for the Committee's activities for the coming year. The 1967 session of the Louisiana Legislature will deal mainly with fiscal matters and a special session of the Legislature which is proposed to be held this fall will for the most part consider reapportionment of the legislature. The Committee felt that this year afforded a good opportunity for the society to get better acquainted with our Representatives in the Legislature. We felt that each member of the Legislature should be contacted by a member of the LES in an effort to let them know who we are, what our society interests are, and that we, as a society, are available as their counsel on matters of engineering.

In order to effectively cover all the members of the Legislature, the Committee recommended that we divide the State into seven (7) areas of responsibility surrounding each local chapter of the LES. Each chapter will be requested through their Legislative Committees to contact each member of the Legislature in their area.

The Committee felt that there was a need for a legislative bulletin to be prepared and submitted to the membership at various intervals during sessions of the Legislature. This bulletin would generally contain extracts of those bills which are of interest to the engineering profession, with comments as to the society's position on same. In order to be effective, the legislative bulletin would have to be published at random intervals as the need required. A sub-committee was appointed with Mr. Ralph Caffery as the Chairman, assisted by Mr. Walter H. Scales, and Mr. F. M. Heroy to investigate the matter of the preparation and issuance of the legislative bulletin and to suggest means by which information can be gathered for the bulletin.

(Cont'd Page 26)

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Chapter News - - -

EDITOR'S NOTE: Chapter Secretaries are urged to send in reports of their Chapter's meetings, social functions, or other interesting activities.

Baton Rouge

Members of the Baton Rouge Chapter of the Louisiana Engineering Society heard Dr. David W. Wall, local cardiologist, discuss the human heart as a pump, very durable and flexible as to pumping capacity. In a 100 year lifetime, it might pump 92 million gallons. It weighs usually 14 to 16 ounces, and produces possibly one thousandth part of a horsepower in ordinary operation.

The meeting was held at Sherwood Forest Country Club. Attendance was 37.

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Mr. John Fell and Mr. Claude Elkins were announced as new members. Mr. "Boo" Kaufman won the gift certificate, and Mr. James W. Justice would have won the jackpot if present.

Lafayette

The regular meeting for the month was held November 21, 1966, at Lafayette Oak Grove Restaurant with eighteen members present.

Mr. Huffman gave a report on business discussed at the Board of Directors meeting in Monroe.

Mr. Earl Martin, Executive Secretary of L.E.S., gave a report on thoughts and investigations into construction of a central engineering facility for L.E.S. The building is proposed to provide office space for the State Chapters of all engineering societies as well as the State Board of Registration for Professional Engineers and Land Surveyors.

Mr. Sylvin J. Richard introduced our guest speaker, Mr. Roland Troxler.

Mr. Troxler spoke on trends in enrollment in engineering colleges. He stated that enrollment in Engineering is decreasing while it is increasing in other scientific fields. However, more engineers are acquiring advanced degrees. Most studies indicate that we can expect a continued shortage of engineers in Industry, Government, Education and Private Practice.

It appears that by 1970 there will be a shortage of 266,000 engineers. This will require the use of more scientists in what are now considered engineering jobs.

Mr. Troxler supplemented his talk with color slides showing charts on trends in enrollment and salaries.

The meeting was adjourned by Mr. Huffman.

Lake Charles

The regular monthly meeting of the Lake Charles Chapter, Louisiana Engineering Society, was held at the McNeese College Library General Purpose Room.

Tom Kirby, President, conducted the meeting.

President Kirby discussed proposed action by the State Board in regard to assigning parishes to each chapter.

Program Chairman, R. M. Singleton, Jr., introduced the guest speaker, Mr. Ralph Peal. Mr. Peal is Training Assistant in the General Office Training Department of United Gas Corporation in Shreveport. Mr. Peal's topic for the meeting was "Upgrading Employees Through Training."

The speaker outlined the reasons for training employees. Due to the great technical advances in distribution equipment used by United Gas, it became necessary to accellerate their training program. By means of this program, they operate with fewer personnel today than fifteen years ago and still handle many times more gas now than then.

Mr. Peal then outlined methods which his company follows in training their personnel. (1) They use the facilities provided by the manufacturers of the various items of equipment. (2) The most productive method of training, however, is the company-conducted classes held at the various centers. (3) Is the use of Colleges and Universities.

The meeting was adjourned at 9:00 p.m.

1967 SPRING CONVENTION

JUNG HOTEL

The LES Board of Direction, at its September meeting, accepted the recommendation that the main meeting of the Society be moved to the Spring, since the two summer meetings were lacking in attendance. This recommendation came from a special committee set up to study all aspects of the Annual Meeting, to provide guidelines for future meetings.

A questionnaire was sent with the September Membership Ballot at the request of this special study committee. The results of this questionnaire, with the questions, are as follows:

1. What time of year should the Annual Meeting be held? Winter **92**; Summer **28**; Fall **81**; Spring **126**.
2. Where should the Annual Meeting be held?
   In New Orleans every year **127**.
   Alternate New Orleans and other chapters every other year **90**; Every two years **73**; every three years **37**.
3. What type of meeting do you prefer?
   Technical Papers **21**; General Interest **108**; Mixed **198**.
4. How many days should the meeting last?
   1½ days **54**; 2 days **196**; 2½ days **52**; 3 days **25**.
5. What days do you prefer for the meeting?
   Thursday, Friday, Saturday **261**; Monday, Tuesday, Wednesday **54**; Other **12**.

Raymond P. Maddux was appointed chairman of the Spring Convention, and, with the above results in hand, scheduled the Convention for Thursday and Friday, April 27, 28, 1967 at the Jung Hotel in New Orleans. Hoyt W. Brown, Jr. was appointed Program Chairman, and Al J. Adoue Exhibits Chairman.

"Program topics that would be attractive to at least one or more of the technical societies are planned," said Brown, "Along with a roundtable discussion on Registration of Sales Engineers." The tentative program is shown on the next page, and, while most companies have agreed to furnish a speaker on these topics, names of speakers are incomplete.

"Prospective Exhibitors have been mailed a folder with information, and returns to date indicate increased interest in this part of the Convenion program," Adoue said. "But Exhibitors Information is shown on this page for those who might be interested, but not contacted."

Convention Chairman Ray Maddux said, "All engineers, from all disciplines should find these topics most interesting and timely, and you are reminded that **all** engineers are invited to participate, be they LES members or not."

Exhibitors Information and Schedule

ALLOCATION OF EXHIBIT SPACE

Exhibit booths will be allocated on a first come first served basis. Requests for two or more adjoining booths will be granted as far as possible. The booth layout has been planned to provide equally good access to all booths. The exhibit committee reserves the right to make such changes and additions to the exhibit booth layout as are desirable or necessary. No changes in the floor layout or partitioning of space may be made without approval of the exhibit committee.

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EXHIBITORS SCHEDULE

A. Set-up—Exhibits may be installed between the hours of 10:00 A.M. and 10:00 P.M. Weednesday, April 26, 1967, ready for opening.

B. Show Hours—Thursday, April 27—9:00 A.M.-8:00 P.M. Friday, April 28—8:00 A.M.-2:30 P.M.

C. Dismantling of exhibits may start after 2:00 P.M. Friday, April 28, and the area must be cleared by 12:00 noon Saturday, April 29, 1967.

Special Note: The Exhibit area is open, no registration is required to visit the exhibitors.

EXHIBITS CHAIRMAN:

Al J. Adoue, Jr.
1600 S. Peters St.
New Orleans, La. 70130

Area Code 504
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SET FOR APRIL 27-28, 1967

NEW ORLEANS

TENTATIVE PROGRAM

Thursday, April 27, 1966

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ENVIRONMENTAL POLLUTION SYMPOSIUM

ENVIRONMENTAL POLLUTION—WHAT IS IT?
W. Byrne and E. Pavia
Pavia, Byrne & Associates

GOVERNMENT AND INDUSTRY RELATIONSHIPS IN ENVIRONMENTAL POLLUTION
Dr. E. J. Martin, Asst. Chief Basic & Applied Science
Health, Education & Welfare Department

AIR POLLUTION
John Buss, Mgr. of Utility Section, Research & Engineering
Monsanto Chemical Company

LUNCHEON
Speaker—
"HOW TO GET NEW INDUSTRY FOR LOUISIANA"

WATER
Robert Marks, Managing Editor
Power Magazine

ROUND TABLE ON POLLUTION
With all of the speakers in symposium. Questions from the floor at round table only

Thursday, April 27, 1966

(IEEE Sponsored)
COMPUTERS—USES IN YOUR PLANT
Speaker—General Electric Corporation

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RECLAIMING WASTE HEAT IN YOUR PLANT
Speaker—Combustion Engineering, Inc.

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DESALINIZATION
Speaker—Westinghouse Corporation

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SPRAY ON INSULATION IN PETROCHEMICAL PLANTS
Speaker—Johns-Manville Corporation

LUNCHEON
Speaker—
"HOW TO GET NEW INDUSTRY FOR LOUISIANA"

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PLANT SITE SELECTION AND PREPARATION IN LOUISIANA
Speaker—Bechtel Corporation

(ISA Sponsored)
CONTROL SYSTEMS IN THE PLANT—SOLID STATE OR RELAY
Speaker—Bailey Meter Company

(ISA Sponsored)
ESTHETICS IN ENGINEERING SYSTEMS
Speaker—Dr. Rudolfo J. Aguilar; Dept. of Civil Engineering, LSU

(IEEE Sponsored)
POWER GENERATION—ON SITE OR PURCHASED
Speaker—Michael Larinoff, Ebasco Services, Inc.

Friday, April 28, 1967

A Round Table Discussion—
"Should Sales Engineers Be Registered—If So, as What?"
With Panelists Representing—
Consultants for Government
Consultants for Industry
Engineers in Government
Engineers in Industry
Purchasing Agents for Government
Purchasing Agents for Industry
Sales Engineer
Manufacturers Agent
Mfg. Agent and Company
Company Sales
Moderator—Dr. Jesse Coates, Chairman of Registration for Professional Engineers and and Land Surveyors

Luncheon at 12:00—Cocktails in Exhibit Area
Afternoon free for exhibits, pleasure or committee meetings

Golf—Green Fee Basis
Ladies Tour
Evening—Dinner-Dance

Welcome to Professional Status

The following professional engineers were granted registration October 11, 1966 by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors:

Alleman, J. F., Bossier City, La.
Alvy, R. R., N. Hollywood, Calif.
Arceneaux, P. M., Huntsville, Ala.
Arceneaux, R. C., Lafayette, La.
Arena, J. P. P., Middletown, R. I.
Arrington, T. O. Jr., Beaumont, Texas
Baca, D. E., Shreveport, La.
Balentine, J. H., Shreveport, La.
Barnett, F. V. Jr., USAF Academy, Colorado, 80840
Barrow, W. R. Jr., Lafayette, La.
Beier, F. L. Jr., Lake Charles, La.
Bishop, G. E., Baton Rouge, La.
Bolourchi, Z., Baton Rouge, La.
Bordelon, T. R., Baton Rouge, La.
Brogden, R. K., Saxonville, Mass.
Brown, D. W., Lake Charles, La.
Brown, G. E., New Orleans, La.
Burch, D. O., Dallas, Texas
Burns, B. M., Shreveport, La.
Butel, F. C. Jr., Houston, Texas
Butts, T. A., Baton Rouge, La.
Cahoon, R. C., Oakton, La.
Campbell, B. W., Lake Charles, La.
Carlton, J. B., Mount Vernon, Ohio
Cassels, W. P. Jr., Shreveport, La.
Cassidy, F. M., W. Monroe, La.
Centanni, A. J., Eunice, La.
Chapman, C. J., Bellaire, Texas
Christian, W. W. Sr., Eunice, La.
Cornelius, P. T., Birmingham, Ala.
Crocker, J. E., Birmingham, Ala.
Daigle, E. B. Jr., New Orleans, La.
Darnell, G. S., Metairie, La.
Dawkins, B. W., Lafayette, La.
Decoteau, N. J., Baton Rouge, La.
Doyle, R. K., New Orleans, La.
Durrett, R. I., Little Rock, Ark.
Dyle, C. E., Lake Charles, La.
Earle, J. S., Baton Rouge, La.
Edwards, F. W., Albuquerque, New Mexico
Elmhorst, R. G., New Orleans, La.
Faulkner, J. L., Richardson, Texas
Ferran, R. I., Santa Fe, N.M.
Foster, G. A., Miami, Florida
Freyou, S. J., New Iberia, La.
Fridge, B. W., Arlington, Va.
Garb, F. M.,Lafayette, La.
Giadrosich, C. E., Gretna, La.
Glaze, J. R., Vidor, Texas
Grafe, A. K., Dallas, Texas
Gulledge, M. J. Jr., Knoxville, Tenn.
Hale, J. W., Houston, Texas
Hardy, R. J., Chalmett, La.
Hebert, R. M., Metairie, La.
Hebert, M. D., Baton Rouge, La.
Hendrick, R. P., Lawton, Oklahoma
Henson, K. W., Houston, Texas
Hill, D. P., Lake Park, Florida
Hill, J. D., Moss Point, Miss.
Hobbs, J. F., Pampa, Texas
Hornsby, B. A., Englewood, Colorado
Howard, W. L., New Orleans, La.
Jones, R. W., Huntsville, Ala.
Kaelber, N. F., Anchorage, Alaska
Lambert, H. J. E. Jr., New Orleans, La.
Laurent, S. V., Houston, Texas
Lawson, R. L., Shreveport, La.
Lee, C. R., Va. Beach, Va.
Linney, F. A., Va. Beach, Va.
Love, S. D., New Iberia, La.
Mamer, P. G., Lafayette, La.
Manno, J. C., Baton Rouge, La.
McDonald, P., Metairie, La.
McElroy, H. F., Springhill, La.
McLamb, N. H., Metairie, La.
Mead, E. Q., Milwaukee, Wis.
Menning, R. H., Seattle, Washington
Mitchell, E. B., Houston, Texas
Mohr, H. O., Houston, Texas
Moody, M. M. Jr., Marrero, La.
Moore, R. J., Newark, Del.
Murphy, D. R., Lafayette, La.
Neumann, D. E., Lafayette, La.
Nolan, W. C. Jr., ElDorado, Ark.
Norris, O. E., New Orleans, La.
O'Donnell, R. H., Metairie, La.
Pelkey, R. D., New Orleans, La.
Pletcher, H. G., Metairie, La.
Pletsch, Q. G., Metairie, La.
Porter, D. G., Baton Rouge, La.
Price, D. D., Houston, Texas
Ramey, J. F., Houston, Texas
Randazzo, F. J., Metairie, La.
Reed, I. E., Alexandria, Va.
Reilly, J. F. Jr., Houston, Texas
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Robards, B. N., Denham Springs, La.
Roberts, J. F., Pineville, La.
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Schurch, P. H., Mt. Vernon, Ohio
Scoggins, R. M., Minden, La.
Smith, P. L., Baton Rouge, La.
St. John, R. K., Dallas, Texas
Sullivan, R. A., Houston, Texas
Summerford, R. W., Mobile, Ala.
Sun, P-C. P., Baton Rouge, La.
Swan, G. V., Shreveport, La.
Teghtmeyer, M. G., Baton Rouge, La.
Timm, R. J., Rapid City, S. D.
Tipton, R. E., Jackson, Miss.
Tucker, E. L. Jr., APO 96557, San Francisco, Calif.
Tucker, W. P., Arabi, La.
Varner, T. L., Birmingham, Ala.
Volkert, D. G., Middleburg, Va.
Walker, H. M., Frankfort, Ky.
Wall, J. A., Houston, Tex.
West, C. P., Metairie, La.
Wiltz, F. P., Mobile, Ala.

LAND SURVEYORS

Anyan, J. R., Baton Rouge, La.
Fontenot, P. N., Mamou, La.
Gilchrist, J. A., Alexandria, La.
James, C. R., DeQuincy, La.
Jones, B. H. Jr., Houston, Texas
Kent, M. T., Shreveport, La.
McKay, K. M., Archibald, Louisiana.
Scranton, J. C., Lafayette, La.
Theriot, J. M., Baton Rouge, La.
Wilson, H. H., Winnfield, La.

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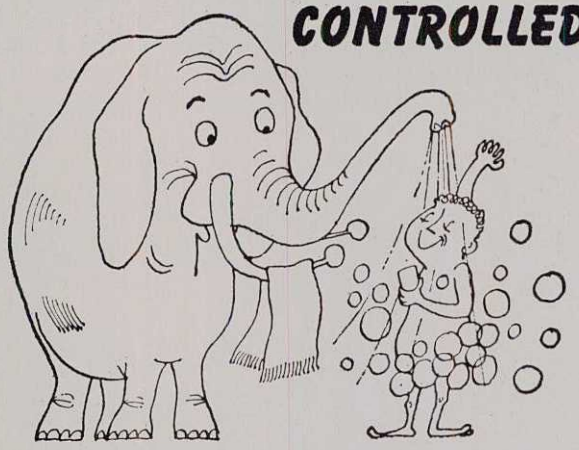

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Nominations Due

Nominations for our Society's awards are now being received, and I as Chairman of the Honors & Awards Committee, invite you to submit candidates. The awards are as follows:

I. **The Civic Activities Medal—Andrew M. Lockett Award,** presented for distinguished civic service rendered by an engineer in the interest of the public without compensation for such service.

II. **The Technological Accomplishment Medal,** awarded in recognition of attainments or discoveries contributing to the advancement of engineering.

III. **The A. B. Paterson Engineer-In-Management Award,** presented to an engineer with a record of distinguished service in management.

IV. **The Charles B. Kerr Public Relations Plaque,** awarded to an engineer who has contributed the most to promote good Public Relations for professional engineering in Louisiana.

V. **The Louisiana Engineer Award of Merit Key,** awarded to an engineer not over 35 years of age who has demonstrated to a high degree capabilities in engineering, indicating potential for further advancement and leadership as a professional engineer.

Nominations should be forwarded to the ommittee on Honors & Awards prior to February 1, 1967 and should be supported by the following information:

1. The present company connection and title of the candidate and his present permanent address.
2. A full statement of the training, experience and notable contributions of the nominee.
3. A statement of the basic reasons for submitting the nomination and for believing the nominee to be eligible for the honor.
4. Other information and supporting data that may assist the committee to consider and act upon the case.

In drafting the citation, care should be taken to see that the specific reason for bestowing the honor is clearly stated. Please refer to the October issue of the LOUISIANA ENGINEER to see reasons why nominees are selected.

The committee will be pleased to receive your nomination(s) on or before February 1.

Col. J. T. Knight, Jr., P.E. Chairman
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Engineers Club

The Engineers Club of New Orleans held its Annual Secretaries Luncheon at the Club's quarters at 920 Gravier Street on Wednesday, November 30. A full house of 80 (40 secretaries and 40 engineers) attended and enjoyed themselves immensely. The arrangements for this event were handled by Jim Janssen (who acted as M. C.), Bill Horrell and Howard Reed. There were cocktails and food and entrance prizes for the secretaries and their bosses. There was even an impromptu birthday cake whipped up at the last minute for one of the girls. The jokes and engineers were old and stale, but the secretaries were young and fresh!

Chatting before lunch were left, seated, Miss Mary Giardina, Mrs. Susan Bevon, Miss Ruth Carol. Standing behind is Francis Favalora and Harvey Martin.

Jovial group included (from left) Bill Little, Miss Jeanne Long, Jim O'Donnel, Miss Kay Nobile, Miss Doris Eckelmann and Mrs. Jeanne Veron.

Enjoying the festivities were Mrs. Lorraine Wilson, W. T. Edwards, Miss Elaine Ragas, "Chuck" Cambias, W. A. Gillentine and Mrs. Beverly Muller.

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Holds Annual Secretaries Luncheon

Among those present were (from left) Walter Cooke(Mrs. Rosalie Diard, John Elstrott, Miss Jo Ann Weaver, Mrs. Rosemary Pique and Larry Miller.

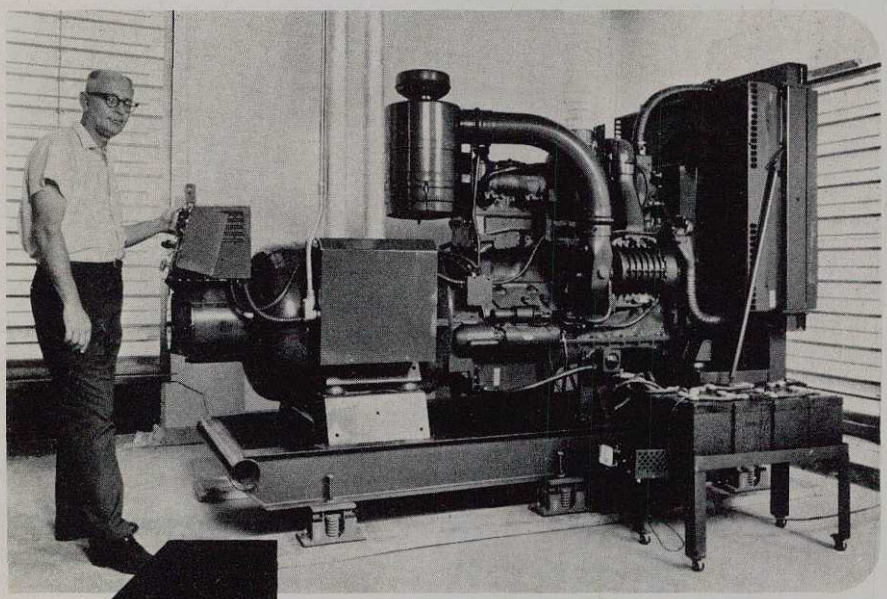
Secretaries enjoying the annual gathering were (from left) Mrs. Sandra Soileau, Mrs. Audrey Holden, Miss Anne Franche, Miss Pat Seeber and Mrs. Judy Ridge.

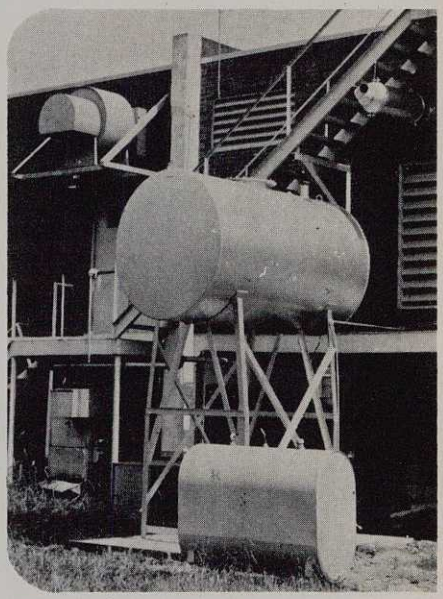
An NSPE operation of importance to consulting engineers is the Board of Ethical Review. Shown at work during the BER's April Meeting, Waldemar Nelson, a New Orleans consulting engineer (left) and Kurt F. Wendt, dean of engineering, University of Wisconsin (right) are making a point to BER Chairman A. C. Kirkwood, a Kansas City private practitioner.

Auxiliary Notes

New Orleans Auxiliary

Mrs. John A. Haase III, will entertain the members of her Board of the Woman's Auxiliary to the New Orleans Chapter of the Louisiana Engineering Society at a luncheon, following the December Board Meeting, which will be held at the home of Mrs. Haase on Vicksburg Street, Wednesday December 7th 10:30 A.M. The following Board members will attend; Mesdames Daniel H. Vliet, Edward N. McNamara, David L. White, Donald P. Cressy, William Herbst, Jerry Dickson, G. J. Groh, Seymour Cambias Jr., C. J. Sperry, Jr., Francis Favaloro, Bernard Huckstuhl, John W. Roach, Jr., Raymond K. Goode, Blaise Carrier, Lee H. Johnson, Edward J. Welsch, Landry Murphy, Thomas A. Fromherz.





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NSPE NEWS

The National Society of Professional Engineers' 10-year struggle to have self-employed engineers placed on substantially the same tax basis for retirement purposes as employed engineers reached a successful conclusion this year when President Johnson recently signed into law the Foreign Investors Tax Act.

Although completely unrelated, amendments tacked onto the Foreign Investors Tax Act at the last minute by Congress now permit consulting engineers and other self-employed persons to contribute ten percent of their income—up to $2,500—to their pension plans, and take a tax deduction for the full amount contributed. Previously, only 50 percent of such contributions were considered deductible.

The self-employed retirement admendments, added to the Foreign Investors Tax Act in order to get through Congress this year, also liberalize the definition of "earned income" under the Self-Employed Retirement Act where both the taxpayers' personal services and capital are "material income-producting factors" in his trade or business.

The National Society has been working continuously for liberalization of the Self-Employed Retirement Act and has coordinated its efforts with those of other professional groups through the American Thrift Assembly, according to Paul H. Robbins, P.E., NSPE executive director.

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Chapters Membership Contest

The 1966-67 quotas have been established as 10% based on the number of members in each Chapter as of June 30, 1966. (See below)

Rules of the Contest

1. A Chapter must reach its 10% quota to qualify as the contest winner.
2. The Chapter with the greatest percentage increase, based on applications and re-instatement requests received by the State LES Office prior to July 1, 1967, will be the winner. (Student applications, transfers into a Chapter, or grade changes will not be counted as part of the quota or increase.)

The Prize

A portable rostrum with the winning Chapter's name and the date engraved on a plaque on its front. A Chapter winning the rostrum three years in a row will retain permanent possession.

—o—

Contest Standings

Here is your Chapters stand on new members as of December 12, 1966—

Chapter	Quota	Applications	% of Quota	Rank
Shreveport	15	15	100	1
Lake Charles	9	5	56	2
Lafayette	14	6	43	3
Monroe	9	3	33	4
Alexandria	9	3	33	4
Baton Rouge	35	10	29	6
New Orleans	76	11	15	7

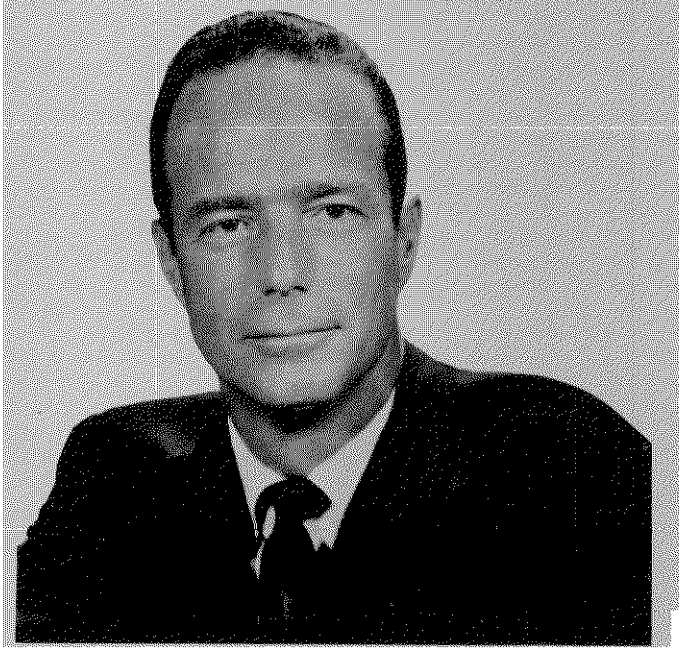
Let's not kid ourselves—this is a poor showing!

As little as 10 minutes one day by every member could make every chapter quota if you would devote that much time to the job. The quota could be surpassed in less than one month with any kind of real effort. If it develops that you cannot find the small amount of time for this job, then don't hesitate—ask your Chapter Membership Chairman to assist you and furnish him the prospect's name.

Farrell Adams, P.E.
Chairman

Have YOU Asked Another Engineer *To Join LES*

Oceanography Society Hears Carpenter



Commander M. Scott Carpenter, U.S.N.

The first meeting of the New Orleans Area Chapter of the American Society for Oceanography, was held at the Loyola Field House, Freret Street, on Thursday, November 17th, 1966, at 7:30 P.M.

The program for this meeting featured our guest speaker, Commander M. Scott Carpenter, U.S.N., who discussed his work in the underwater laboratory "SEA-LAB II". His discussion was accompanied by some film taken during this mission. Mr. Harold Geis, President of the National Society, and Mr. Robert Bybee, President of the New Orleans Area Chapter, were also speakers.

The American Society for Oceanography is national in scope and objective. Its members include Marine Scientists representing the whole spectrum of oceanographic disciplines; Educators, both administrative and research oriented; Industrialists-executives, employees and research staffs—whose concern either lies in or includes the oceans; Government personnel engaged in marine activities; and—very emphatically—citizens who have a sincere interest in oceanography.

The oceans contain vast resources of food, and even more would result through cultivation. Essentially inexhaustible supplies of chemicals and minerals are trapped in buried marine sediments deposited on the ocean floor or held in solution in sea water. These great resources are partially available now but the needed research and the development of new techniques for the expoitation of these resources are progressing much too slowly to meet the impending demand.

It is the Society's goal to help stimulate a greater interest in the field of Oceanography which will result in the utilization of these natural resources. Not enough oceanography instructors are being trained; too few students are being recruited; and too little research is being done by universities, institutions, industries and government.

The American Society for Oceanography welcomes the membership of all interested and concerned citizens who realize the extreme importance of the oceans to the continued survival and growth of our civilization; the active participation of those sympathetic with its purposes; and the advice or assistance of any of its members.

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Daily Business Trends . . . WDSU—5:25 PM • Daily Business News . . . WWL—5:40 PM

HONORS AND AWARDS

Chairman: Col. J. T. Knight, P.E., *Vice-Chairman*: Charles W. Stokes, P.E.; *Alexandria*: Daniel D. Sanlefur, P.E., Arthur E. Meyer, Jr., P.E.; *Baton Rouge*: Dr. Louis J. Capozzoli, Jr., P.E., Trudeau J. Hogue, P.E., *Lafayette*: Eugene M. Sellers, P.E., John H. Huffman, P.E.; *Lake Charles*: James F. Williams, Jr., P.E., T. W. Kirby; *Monroe*: J. J. Thigpen, P.E., Henry T. Poulan, P.E.; *New Orleans*: Michael J. Cade, P.E., G. Harvey Kellerman, P.E.; *Shreveport*: Richard O. Beckham, P.E., Edward M. Jolly, P.E.

Inasmuch as this is a "committee of presidents", I took just a few moments to pass on the information received from you that the Council of Past Presidents reaffirmed their last years' recommendation that the chapters utilize the NSPE format of Chapter Evaluation dan be ready to submit their respective chapters' evaluations before the end of the administrative year.

Another brief bit of business brought up was the question of setting up new awards mainly to carry the name of and honor members of LES who had contributed much to the Society and who were responsible for much of the Society's present standing. No time was taken for a full discussion nor for a formal recommendation by the Committee, but it was suggested, and I believe the suggestion receive general concurrence, that a new series of articles in the Louisiana Engineer would be in order to describe these persons respective contributions and their dedication. We stressed the importance of chapter presidents seriously considering candidates for all the LES awards and submitting these early.

We are especially anxious to obtain a very outstanding young engineer as the first recipient of the Louisiana Engineer of Merit.

Pamphlets describing the Civic Activities Award, the Technological Accomplishment Award, the Engineer in Management Award, and the Award of Merit were given those in attendance.

With the exception of only a very few minutes spent on each of the above matters, all available meeting time was devoted to consideration of the Louisiana Engineer Award of Merit. Mr. Ed McNamara supplemented the information in the monograph with a brief outline of the purpose, and of the work that has been done toward establishing the award. We emphasized that any suggestion should be offered without reservations for excellence, because it has been found an inappropriate suggestion often suggests an excellent idea in a train of thought that otherwise might have been missed. Of course, when the list of brainstorm-type ideas is complete, the majority are discarded and the appropriate ones evaluated. We had just started the elimination when our time ran out.

We agreed to meet for lunch at noon November 8 in Monroe to continue the evaluation.

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VOCATIONAL GUIDANCE

Chairman: Col. Ferdinand Tate, P.E.; *Vice Chairman*: M. A. Steele, P.E.; *Alexandria*: Joe T. Simms, Jr., P.E., John C. Tucker, P.E.; *Baton Rouge*: Charles E. Craig, Jr., P.E., Roy H. Odom, P.E.; *Lafayette*: Dr. Tom B. Metcalfe, P.E., Harry L. Dula, P.E.; *Monroe*: John D. Calhoun, P.E., R. G. Hart, Jr., P.E.

COMMITTEE

The Vocational Guidance Committee met on September 10, 1966, in Alexandria.

The following recommendations were approved and presented to those LES members present at the noon meeting of the State Planning Conference. It was recommended that:

1. Each chapter president working through the vocational guidance committee select a chapter winner and alternate winner for the NSPE scholarship competition, give assistance to schools in the Junior Engineering Technical Society aptitude search tests, and place pertinent information of the engineering profession in schools and libraries;
2. Each vocational guidance committee continue and expand the practice of providing engineers as speakers to educational groups; and
3. The society give consideration to establishment of an engineering scholarship sponsored by an engineering college in the State of Louisiana.

ETHICS AND PROFESIONAL CONDUCT

Chairman: Truman E. Pounds, P.E.; *Vice Chairman*: Earl S. Dobbs, P.E.; *Alexandria*: Bill Terry, P.E., James L. Meyer, P.E.; *Baton Rouge*: Robert D. Hall, P.E., Domingo Correa, P.E., Alfred Mayers, P.E.; *Lafayette*: A. W. Endris, Jr., P.E., Gerald A. Dubroc, P.E.; *Monroe*: James S. Tarbutton, P.E., Dr. X. Ellett, P.E.; *New Orleans*: John P. Gidden, Jr., P.E.; *Shreveport*: Clifton A. Frey, P.E., S. W. Beaty, P.E.

General discussions were held as to the manner in which the Ethics Committee is supposed to function. A review was made of past activities of this committee, including review of minutes of recent meetings. A copy of the Society's Bylaws were reviewed with particular attention being given to the Ethics Committee's responsibilities and functions. It was decided that the membership of the Ethics Committee would be reviewed to assure that active representatives from each of the chapters would be available to participate in this committee's work.

In general, it was believed that with a slight reorientation of the Ethics Committee, and with a clear understanding of the scope of activities by all members, that the committee could be strengthened and could perform an effective function in the Society.

It was also decided that a review should be made of other State's Engineering Ethics Committees with the aim to establish liaison for mutual interest.

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LES CHAPTER MEETING DATES

Alexander Chapter — Third Tuesday Monthly (evening)

Baton Rouge Chapter — Third Thursday Monthly (evening)

Lafayette Chapter — Third Monday Monthly (evening)

Lake Charles Chapter — Second Monday Monthly (evening)

Monroe Chapter — First Tuesday Monthly (evening)

New Orleans Chapter — No regular monthly schedule

Shreveport Chapter — First Tuesday Monthly (noon)

Editor's Note: Chapter meeting dates may vary to accommodate speakers or for special occasions.

LES MEETING DATES

January 17, 1967 — Board Meeting — New Orleans

February 24-25, 1967 — Winter Meeting — Shreveport

April 27-28, 1967 — Spring Convention — New Orleans

GENERAL MEETINGS

January 4-7, 1967 — NSPE Winter Meeting, Americana Hotel, San Juan, Puerto Rico.

Registration of Other Professions

Engineers in private practice need to be interested not only in the revisions or interpretations of the engineering registration laws, but also in the efforts of other professions to secure registration laws which might impinge on the rights of engineers.

The New Jersey planners registration law is one case in point (PPN, March,'66), but it is not the only one. The court decision in that case is now on appeal. Meanwhile, a planners registration law has been introduced in Michigan.

A few states have adopted licensing laws for landscape architects, and a bill for this purpose has been introduced in Arizona. The Arizona Society of Professional Engineers is studying it to determine whether it would, if enacted, create problems for registered engineers.

The geologists in some states are also pressing for state registration and a committee of the American Geological Institute has prepared a model statute for the guidance of those who want to move in the direction of state licensing. Severe controversies have developed in some states over the wording or interpretation of the jurisdiction of land surveyors to the exclusion of registered engineers.

The engineering profession does not and should not expect to have a monopoly on state registration for technical occupations, but it should and must be alert to these developments and be prepared to take effective steps to see that the registration of other professions does not lead to the ousting of the engineer from his rightful function.

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L.E.S. BOARD OF DIRECTION MEETING

Friday, September 9, 1966

Bentley Hotel, Alexandria, La.

President Duclos called the meeting to order with Messrs. McNamara, Odom, Vogt, Cade, Bubenzer, Ewing, Stokes, Meyer, Hogue, Huffman, Poulan, Kellerman, Jolly, Hu Myers and Szabo present. Also present was Malcolm Hurstell, Earl Martin, Executive Secretary and Messrs. James Mohr, Farrell Adams and O. T. Ice from the Shreveport Chapter, Messrs. Guy Seghers, Walter Scales and David Fried of the New Orleans Chapter, and Dean Roger W. Richardson, Chairman of the L.E.S. Public Relations Committee.

The minutes of the August meeting were accepted as sent to Board Members.

The Financial report for August was read by the Secretary.

The Building Committee did not meet prior to the Board Meeting, but President Duclos read a letter from committee member Gene Sellers outlining his recommendations to the committee. Committee member Charles W. Stokes read his letter of recommendations to the committee. President Duclos asked for comments from those present on the activities of the committee. Mr. Odom pointed out that these were only discussions by Board members, and that the committee would make a formal report to the Board for further action when it was ready.

The Secretary gave a report on the status of Incorporation Papers for the Society. A letter received from Mr. Fernandez was read transmitting material that had been filed in 1898 with the deputy recorder in New Orleans, indicating his feeling that we have a valid act of incorporation even though papers had not been filed with the Secretary of State. Mr. Szabo moved that the Secretary take necessary action to see that our papers were properly field with the Secretary of State. Mr. McNamara gave the second and the motion passed.

Mr. McNamara reported on the Annual Meeting Investigating Committee suggesting that the meeting be moved to Spring, since two summer meetings were lacking in attendance. He also pointed out past successes of the old January meetings. Mr. McNamara moved that a Spring Convention of the L.E.S. be held on May 11, 12, 13 at the Jung Hotel in New Orleans, it was seconded by Mr. Stokes and passed unanimously.

Mr. Jolly, Shreveport President, reported that an official proposal for the Winter Meeting from the Shreveport Chapter should be sent next week, pending the meeting of the Engineering and Scientific Council on Tuesday.

President Duclos announced that nominations for the State Board of Registration would be accepted and prepared for presentation to the Governor. Mr. Stokes nominated Marion Bubenzer, seconded by Mr. Hogue. Mr. Szabo requested that Dr. zurBurg be included on the list, seconded by Mr. Huffman. Mr. Bubenzer nominated Mr. Charles W. Stokes, seconded by Mr. Odom. Mr. Hogue nominated Dr. Roger Richardson, seconded by Mr. Bubenzer. Mr. Stokes nominated Dr. Thomas S. Leary, seconded by Mr. McNamara. Mr. Vogt nominated Mr. Fernandez, seconded by Mr. Cade. President Duclos said that these names would be sent to the Governor.

The Board heard the resolution prepared by the outgoing Education Committee and it was noted that this resolution had already been referred to the new Education Committee for recommendations as to whom this should be sent.

On motion by Mr. Bubenzer, seconded by Mr. McNamara it was decided to hold the next board meeting in Monroe on November 8th.

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LOUISIANA ENGINEERING SOCIETY

Board of Direction Meeting, November 8, 1966
Paragon Club, Monroe, La.

President Duclos called the meeting to order with Messrs. Odom, Vogt, Nelson, Bubenzer, Cade, Walk, Hogue, Huffman, Poulan, Jolly, present. Also present were Malcolm Hurstell, PEI Chairman, Earl Martin, Executive Secretary, Farrell Adams, Shreveport Chapter Secretary-Treasurer, John T. Knight, Jr., Honors and Awards Committee Chairman and Fred Culpepper, Monroe Chapter Vice President.

The minutes of the September meeting were accepted as mailed to members on a motion by Mr. Nelson, seconded by Mr. Walk and passed.

The financial report for September and October was read by the Secretary-Treasurer.

Mr. Vogt requested that the Board:

(a) Advise Earl Martin regarding his activities in connection with the Special Session and the fiscal session of the Legislature, since no funds have been budgeted for this expense. It was agreed that some time could be spent at these sessions, to become better acquainted with state legislators.

(b) Consider or make recommendations relative to the contract with Allen Johnson on fees and commissions. Mr. Walk moved that a committee be appointed to make a recommendation to the Board concerning the contract with Allen Johnson and payment of advertising commissions. It was seconded by Mr. Bubenzer and passed. President Duclos appointed Mr. Walk chairman and Messrs. Vogt and Cade members of this committee.

Mr. Martin requested that the Board:

(1) Approve the results of the September membership ballot. Mr. Nelson so moved, seconded by Mr. Hogue and passed.

(2) Make any comments or suggestions based on the report of his visit to NSPE headquarters.

(3) Be advised of the time extension to June 1967 for Zip Coding LES mail and that the computer cards were being prepared for use by that date.

(4) Approve a roster questionnaire to be included with dues statements. Mr. Bubenzer so moved, seconded by Mr. Cade and passed.

(5) President Duclos requested authorization to poll the membership for an opinion on where the headquarters of LES should be located. Mr. Walk moved that the authorization be granted and that a statement of purposes and reasons for the poll be included, Mr. Hogue gave the second and the motion passed. President Duclos asked Mr. Nelson and Mr. Walk to assist in the preparation of this letter and that Building Committee be sent copies for approval.

(6) Approve the addition of paragraph 4.03 "Program Committee" to the By-Laws of the Shreveport Chapter. Mr. Bubenzer so moved, seconded by Mr. Nelson and passed.

(7) Hear Mr. Fernandez's comments regarding proposed changes in the EJC Constitution which had been received and studied for possible effects on LES affiliation. Since the changes had no effect on LES affiliation with EJC, no further action was taken.

(8) To consider the possibility of a Group Insurance Program. The Board did not approve any action on this matter.

Mr. Martin reported that the L.E.S. Incorporation Papers have been duly filed and recorded with the Secretary of State, and that the names of two registered agents are needed to complete the requirements for filing. Mr. Nelson moved that the names of Mr. McNamara and Mr. Vogt be listed as the registered agents of the Society. Mr. Odom made the second, and the motion passed.

The Committee of Chapter Presidents recommended that the Chapter Areas by Parishes be as follows: **Alexandria**—Avoyelles, Rapides, Vernon, Sabine, Grant, LaSalle, Catahoula, Concordia, Winn, Natchitoches; **Baton Rouge**—Pointe Coupee, Iberville, West Baton Rouge, East Baton Rouge, West Feliciana, East Feliciana, Saint Helena, Livingston, Ascension, Saint James, Assumption; **Lafayette**—Acadia, Vermilion, Evangeline, Saint Landry, Lafayette, Saint Martin, Iberia, Saint Mary; **Lake Charles**—Allen, Beauregard, Jefferson Davis, Calcasieu, Cameron; **Monroe**—Tensas, Madison, East Carroll, West Carroll, Richland, Franklin, Caldwell, Ouachita, Union Morehouse, Lincoln, Jackson; **New Orleans**—Orleans, Jefferson, Saint Bernard, Plaquemines, St. Charles, St. John, St. Tammany, Tangipahoa, Washington, Lafourche, Terrebonne; **Shreveport**—DeSoto, Caddo, Bossier, Webster, Claiborne, Bienville, Red River. Mr. Odom made a motion that these parishes for each chapter be approved, seconded by Mr. Walk and passed.

The financial report on the Alexandria Planning Conference was read, showing a deficit of $76.55, as compared to a deficit of $255.88 the previous year. Mr. Nelson moved that the Alexandria Chapter be congratulated for the fine work in staging the conference, it was seconded by Mr. Vogt and passed.

Mr. Martin explained: The change of dates for the Spring Convention of L.E.S. to April 27, 28, 1967 and tentative program for the meeting; That the results of the questionnaire sent to all members indicated a preference for a meeting in the Spring, with a mixed program of technical and general interest topics, and Thursday, Friday and Saturday the preferred days of the week.

The Membership Committee recommended Board Approval of:

1. A new wallet-size application card.
   Mr. Walk moved that the Committee submit a format for a new card and its cost, seconded by Mr. Cade and passed.
2. The Executive Secretary was instructed to replace form acknowledgements of new applications with individually typed letters.
3. Free L.E.S. certificates for new members, and notification to NSPE members that NSPE certificates may be purchased. Mr. Nelson moved that certificates be provided new members, seconded by Mr. Poulan and passed.
4. The Executive Secretary was instructed to provide an up-to-date box score by chapters of applications received and that the Chapter Membership contest rules be printed in the **Engineer.**
5. A monthly report be sent from the state office to the Chairman of the Membership Committee.
6. The Executive Secretary was instructed to report delinquent members to the chapter membership committee prior to notification by the state office.
7. The Executive Secretary prepare a new L.E.S. handout piece of literature for membership promotion. Since copies of a rough draft for all Board Members were not available, the membership committee will study and make recommendations.
8. continuation of the Membership Contest, with any chapter winning three consecutive times to retain the Award. Also that the award be made during the Annual Meeting by the outgoing state president. Mr. Vogt so moved, seconded by Nelson and passed.

The new Bylaws for the PEG functional section were presented for Board approval. Mr. Odom so moved acceptance of the PEG Bylaws, seconded by Mr. Walk and passed.

The PEPP Section recommended that:

1. The Board approve a letter to the Governor commonding him for his Executive Order #50, regarding the selection of engineers and architects for state work.
2. A letter be written to all consulting firms with a Manual of Practice, requesting change comments, central listing information, invitation to participate and a reduction in the cost of the manuals.
   Mr. Walk moved that the letter be sent, seconded by Mr. Poulan and passed.

Mr. Bubenzer proposed a resolution for Engineers Week to be submitted to the Governor. Mr. Hogue moved that the Governor be asked to make the resolution and declare the Week of February 19-25 Engineers Week. Seconded by Mr. Huffman and passed.

Mr. Stokes sent a recommendation that the Board approve and encourage Chapter participation in the Chapter Evaluation Program. Mr. Nelson moved that Chapter President's be encouraged to participate in the Chapter Evaluation Program. Mr. Vogt gave the second and the motion passed.

The Baton Rouge Chapter recommended that the Board consider Biloxi for the 1968 Annual Meeting. This was referred to the Study Committee on Annual Meetings.

President Duclos reported on attempts to finance a Survey of the Needs of Engineering Education. Mr. Odom moved that LES sponsor such a survey in Louisiana providing proper financing can be arranged with no expenditure of Society funds. This was seconded by Mr. Nelson and passed.

Mr. Odom made the following motion:

"BE IT RESOLVED, That in view of the fact that accuracy in determination of true elevations of the ground and structures is of extreme importance to the public as well as to the engineering profession and that new surveys to establish the accepted datum more accurately throughout South Louisiana are now in progress by the United States Coast and Geodetic Survey, which surveys are being financed in part by the State Department of Public Works, that the State Department of Public Works be requested by a letter addressed to the Director by the President of L.E.S. to make a study to determine the causes for the discrepancies between the elevations which the United States Coast and Geodetic Survey are reporting as a result of this survey of its bench marks and the elevations of these bench marks which were established on the basis of previous surveys and that the Department prepare a report setting forth its findings and make the report available to the profession; and

BE IT FURTHER RESOLVED, That the Director of Public Works be informed that the Society will cooperate in any way possible and that a committee be appointed by the President to work with the Department in the planning and prosecution of this study, the names of which committee members shall be made known to the Director."

Mr. Nelson gave the second and the Resolution passed.

Mr. Odom made the following motion:

BE IT RESOLVED, That in view of the fact that the system of control of horizontal measurements on the earth's surface which was instigated by the State Highway Department is of great usefulness to many of the industries and private engineers in this state and that it fulfills a great public need in the control of surveys for establishing boundaries, servitudes, and alignments, the State Department of Highways be requested by the President of L.E.S. by a letter addressed to the Director to undertake a definite and continuous program for extension of the Lambert grid coordinate system of the Louisiana Geodetic Survey and to restore previously established markers which have been destroyed; and

BE IT FURTHER RESOLVED, That the Director be informed that the L.E.S. will assist him in any way possible and that a committee be appointed to work with the Department in the planning and prosecution of this work, the names of whom shall be made known to the Director.

Mr. Walk gave the second and the resolution passed.

President Duclos requested board approval for the following to the nominating Committee: Charles W. Stokes, Chairman, with Messrs. Knight and Watts as members. The board so approved.

Mr. Poulan made a motion that this Board give an interpretation on the Qualifications for members to the Membership Committee and to so advise the Admissions Committee. It was seconded by Mr. Jolly and passed.

Col. Knight reported that the Honors and Awards Committee would present a design for the Key and Certificate to the Board for approval, and that they would recommend that a certificate be awarded with all L.E.S. Awards, retroactive to include past recipients.

President Duclos announced that the Board would study this matter at the meeting, scheduled for December 8, 1966 in Baton Rouge, and that the membership committee would be invited to attend and participate.

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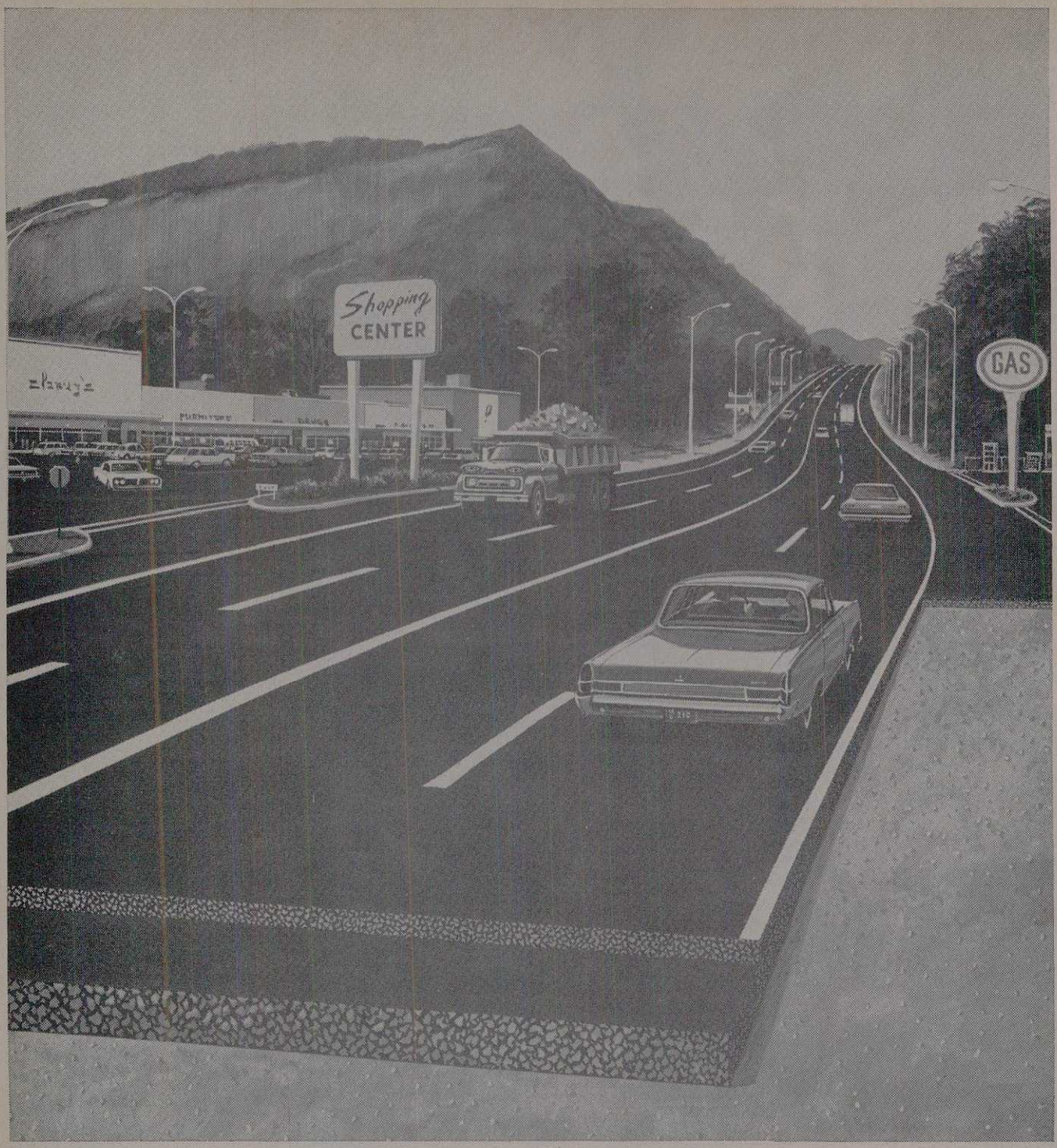

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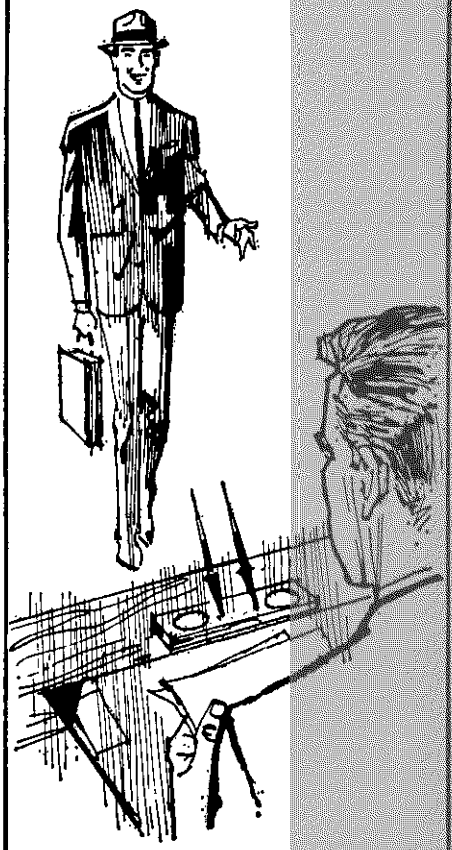

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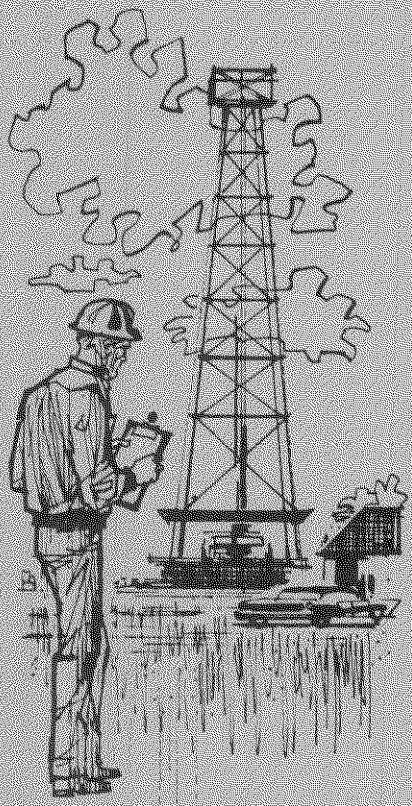

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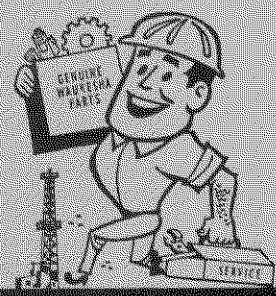

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