1971—THE YEAR OF THE GREEN PLUS ONE

PRESIDENT'S MESSAGE

Thanks to your support, the Society of Tulane Engineers has met our commitment this year to the school for the air-conditioning of ME 205 and adjoining rooms.

Tulane, as well as most private universities, require the financial support of its alumni to maintain its high caliber of education. Tuition alone is not sufficient. However, most alumni are not aware that Engineering could accommodate over 126 more students without an appreciable increase in faculty or facilities. I would like to urge all alumni to encourage interested students to consider the merits of a Tulane Engineering education.

Recently, the Louisiana Engineering Society published a report on "Engineering Education in Louisiana" wherein a panel of distinguished consultants presented recommendations for specific actions to be taken by the State of Louisiana in coordinating engineering education in state-supported universities and colleges. Your society requested that a supplementary report be made and that Tulane be reviewed. We have agreed to assist in underwriting the cost as we are confident that the report will bring to everyone's attention the leadership and excellence that Engineering at Tulane has demonstrated through the years.

For our Fall meeting this year, we will have a luncheon honoring the past presidents of the STE in this, our 20th year. I hope that as many of you, as possible, will attend. It has been an honor for me to serve as your president the past year, and I would like to express my appreciation to all Alumni who supported the Society this year.

Claude J. Kelley, Jr.

(Continued on page two)

ANNUAL MEETING—A LUNCHEON
STE'S 20TH ANNIVERSARY

This year's annual meeting on Homecoming Day, October 30, will be a luncheon event in honor of the Society's 20th Anniversary. It is scheduled for 12:30 p.m. (with cash bar open at 12:00) in the Faculty Dining Room of the University Center. Tulane's President, Dr. Herbert E. Longenecker, will be the speaker. Also, past Society presidents will be honored. Reservations in advance are necessary so that food arrangements can be made. Please use the reservation form at the bottom of page 5 of the Tulane Engineer or call the Dean's Office (865-6105) no later than October 27. The cost is $5.00.

Let's have a good turnout!

—

Left — Herbert E. Longenecker, President of Tulane University, Speaker at Annual Meeting of Society of Tulane Engineers.

TWO UTILITY ENGINEERS HONORED
BY PI TAU SIGMA

On May 7, 1971 the Tulane University Sigma Chi Chapter of Pi Tau Sigma, the National Mechanical Engineering Honorary Fraternity initiated two highly distinguished engineers and Tulane alumni into the fraternity as Honorary members. They are Henry R. Richmond and Edward A. Rodriguez. The initiation ceremonies were conducted in the University Center on the Tulane campus, and this event was celebrated by a banquet at the Southern Yacht Club on the New Orleans lakeshore.

AIR CONDITIONING PROJECT UNDERWAY

The project of air conditioning Rooms 205, 206, and 208 of the Mechanical Engineering Building is underway. The University is providing some support along with the support coming from the Society to bring this project to a conclusion. The design for the system was done and the drawings prepared by Associate Professor Louis P. Orth. The Physical Plant Department is carrying out the construction. The ducts have been installed in these rooms and the sound-insulated equipment room has also been built. The machinery is expected to arrive momentarily.

(Continued on page two)
UTILITY ENGINEERS — continued from page 1

Mr. Richmond, at present Administrator of the Bonneville Power Administration of the U.S. Department of the Interior, was born at Fort Riley, Kansas. He has had a long and distinguished career in the power production industry. Mr. Richmond was graduated from Tulane University in 1937 with a B.S. degree in mechanical and electrical engineering.

Mr. Rodrigue has had a long and illustrious career in the power generation industry with one company, the Louisiana Power and Light Company. He is now its President and Chief Executive Officer. Mr. Rodrigue was born in New Orleans. He graduated from Tulane University in 1933 with the degree B.E. in mechanical and electrical engineering.

Pi Tau Sigma is indeed proud to have Mr. Henry R. Richmond and Mr. Edward A. Rodrigue as Honorary members of its fraternity.

1971 FRESHMAN CLASS

The 1971 entering class in Engineering is modestly smaller (139 students versus 155 in 1970) than the two previous classes but matches these classes in talent and diversity. The students come from 21 states including Louisiana, Texas, Florida, Mississippi, Illinois, Tennessee, Missouri, New York, Georgia, Arkansas, California, Pennsylvania, Oklahoma, in that order and one each from New Hampshire, New Jersey, Kentucky, Maryland, Wisconsin, Michigan, Alabama and Hawaii. Foreign students in the freshman class are from Aruba (Netherlands Antilles), El Salvador (2), Republic of Panama (2), Venezuela, Hong Kong, and Pakistan while several undergraduates who entered as transfers are from Greece (2) and India. The territory of Puerto Rico is the home of two freshmen students.

This is undoubtedly the fanciest class to enter the School of Engineering with seven young ladies starting as freshmen. Two other girls transferred from Newcomb at the sophomore and junior levels bringing the total of women undergraduates in the School to 12 — an all-time high. Their academic and extra-curricular credentials are of the highest order and they are a stunning addition to the student body.

The undergraduate enrollment figures show 139 freshmen, 110 sophomores, 198 juniors, 196 seniors and two special students for a total enrollment of 465 — identical to last year's figure. In view of generally declining engineering enrollment, maintenance of this enrollment figure is surprising.

L. to R.: Dean Johnson, Mrs. John L. Martinez, and Mrs. C. J. Sperry, Jr.

WOMAN'S AUXILIARY OF THE NEW ORLEANS CHAPTER OF THE LOUISIANA ENGINEERING SOCIETY INCREASES FELLOWSHIP FUND TO OVER $20,000

A check for $1000 was presented to Dean Lee H. Johnson of the School of Engineering by the Woman's Auxiliary to the New Orleans Chapter of the Louisiana Engineering Society. The presentation was made by Mrs. John L. Martinez, Chairman of the Auxiliary's Fellowship Fund, and Mrs. C. J. Sperry, Jr., President of the Auxiliary at that time. The $1000 has been added to the endowment fund for the Graduate Fellowship in Engineering that was set up by the Woman's Auxiliary in 1962 to provide financial aid for graduate students in the School of Engineering. This is the ninth contribution that the Auxiliary has made to this fund since it was established. It is very impressive to know that contributions from the Auxiliary together with the accruals from the University have raised the endowment of this fellowship to a present value of $20,259.85.

It is also quite noteworthy that the Auxiliary established in 1950 an annual scholarship in memory of its founder, Selina Elizabeth Bres Gregory, the wife of the noted late Tulane professor, William Benjamin Gregory. The scholarship has an annual value of $800 per year. The Auxiliary also maintains a student loan fund of approximately $1800 for undergraduate students in the School of Engineering.

The Woman's Auxiliary to the New Orleans Chapter of the Louisiana Engineering Society is to be complimented most highly upon the marvelous use it has made of the resources that have come through the annual dues in providing such wonderful support for engineering students at both the undergraduate and graduate levels.

AIR CONDITIONING — continued from page 1

and installation should be completed sometime this fall. The faculty and the students of the School of Engineering take this opportunity of expressing their warmest thanks to the members of the Society of Tulane Engineers for helping to keep them cool.

0
NEW AWARDS PRESENTED LAST SPRING

The annual awards night program sponsored by the Society of Tulane Engineers last spring included four awards, each made for the first time.

One was the Francis M. Taylor Award, established by the faculty of the Department of Chemical Engineering and hopefully to be supported in coming years by Chemical Engineering alumni. It was set up to honor Emeritus Professor Francis M. Taylor and is presented to the senior in Chemical Engineering who in the judgment of the faculty is deemed to be an outstanding citizen based upon his professional attitudes and accomplishments, ability to interact harmoniously and effectively with his colleagues and the faculty, and his positive contributions to departmental and university programs.

The second award was established by the New Orleans Group of the Society of Automotive Engineers. It was to the senior engineering student selected by the faculty of Mechanical Engineering for outstanding aptitude, interest, and achievement in areas related to the goals of SAE.

The third award was to a member of the faculty of the Department of Mechanical Engineering. It was set up jointly by the Student Chapters of Pi Tau Sigma and ASME. The student members sponsored the purchase of a plaque to give recognition to a member of the Mechanical Engineering faculty for not only superior performance in delivering course material but also for the instructor's ability to relate, to motivate, and thus add quality to a course through the use of the intangible human aspects of teaching. The 1971 award went to Associate Professor Louis P. Orth.

The fourth award was one also established by students. The Senior Class of 1971 wished to express its appreciation to the ladies on the staff of the Dean's Office for sympathetic and understanding help that they had received from them during their time at Tulane. The class presented a plaque which read as follows:

"In appreciation for friendly and helpful service.
Mrs. Beth Hoffmann
Mrs. Betty Schmitt
Mrs. Charlotte Aubert
Mrs. Betty Hazen
Senior Class '71"

The dean also thinks it would be appropriate at this time for him to express his deep and genuine appreciation for the wonderful assistance of these four ladies.

---

SOCIETY OF TULANE ENGINEERS

Nominations for 1971-72 officers:
President:  
William R. LeCorgne, CE '59
1st Vice President:  
John L. Niklaus, CE '55
2nd Vice President:  
Daniel E. Kirkley, EE '55
Secretary:  
Roger K. Battle, ME '55
Asst. Secretary:  
E. Carlton Guillot, Jr., CE '65
Treasurer:  
Lawrence C. Grundmann, Jr., ME '61
Asst. Treasurer:  
George A. Swan, III, CE '69
Director & Publication Chairman:  
Leon H. Herkes, ME '57
Director & Historian:  
Frank M. Denton, CE '59
Nominating Committee:  
Jay W. Oppenheim, Chairman
Frank S. Foster, Jr.
Waldemar S. Nelson
Elections will be held at the Society's Annual Meeting on Sat., Oct. 30, 1971.

---

HOMECOMING GAME
7:30 P.M., OCT. 30
SEND YOUR
STE DUES
THE "EARLY BIRD" MASTER'S DEGREE PROGRAM IN MECHANICAL ENGINEERING

A brief description of the early bird program is given at the end of this article for the benefit of those alumni who are not already familiar with it.

In 1970-71 (the first year of the program) 22 early bird and 12 full time students satisfactorily completed the first year of the program. In August 1971, 21 returning students and 24 new students were registered in the early bird program. Our 14 full time Master's students and 23 full time doctoral students added to the 45 early bird students constitute a total graduate student population of 81 in the School of Engineering.

Only those who have have experienced it know just how much courage and tenacity are required to successfully make the transition to student life after having been out of school for 5 to 20 years. We at Tulane are very proud of the performance of these men and the faculty has especially enjoyed working with the early bird group. Not only does this program provide assistance to the local engineering community and give satisfaction to the school for having performed a useful function, but, in addition, the tuition (amounting to about $56,000 in 1971-72) will aid in our goal of solving our financial problems. We are elated at the response the program has received.

A recapitulation of the genesis of the program follows. In September 1970, the Mechanical Engineering faculty initiated a new Master's degree program designed for engineers in industry who are "practice" oriented in contrast to the previous Master's program that was "research" oriented. The requirements for the new degree are 24 semester hours of technical graduate courses in engineering plus six semester hours of additional work in either business administration courses or a special project in engineering design and analysis.

Prior to September, 1970 only one or two working engineers participated in our Master's degree program. In an attempt to accommodate these men and women we started offering two new courses each semester from 7:30 to 8:15 a.m. on either Tuesday and Thursday or Wednesday and Friday. This early morning program later acquired the name "Early Bird". In addition to substituting six hours of course work for the thesis, generating practice oriented graduate courses, and offering courses at the early morning hour, a change was also made in the admission policy. Whereas formerly a B— or better average in the undergraduate work was required for admission to the graduate program, now the policy is to admit anyone with a B.S. degree in engineering regardless of his grade average and use his performance during the first semester of graduate work as the criterion for full admission as a graduate student in the program. Student performance in the first year of the program has proven this admission policy to be satisfactory.