

ENGINEER/S NEWS

THE FORT WAYNE ENGINEER'S CLUB

VOLUME XXVI

NUMBER 7

EDITOR: W. B. HUGHES

Are engineering and science the same? What is the difference between them? Are they related to each other? Are we training and developing engineers or scientists today? What is engineering science?

There is a connection between science and engineering, but there is also a vast difference. Science is concerned primarily with the determination and finding of basic facts without regards to time or cost. Engineering is based on science and art (getting things done), and must at all times meet deadlines and never lose sight of Economics.

The public and many technical people do not understand the term Engineering Science. This phrase relates to science and not engineering. If it is engineering that is referred to, then it should be called scientific engineering.

Maurice A. Biot in his acceptance talk on being awarded the Timoshenko Medal stated: "Doubt about the engineer's function in our increasingly complex technological culture has been expressed by the blunt question 'Is the engineer obsolete? Should he be replaced by the scientist'? Although such a question is the produce of ignorance, the situation is such that, in this country at least, it finds a respectable echo." "----Let us also put new emphasis on engineering as a professional craft, requiring high skill, natural talent, deserving social re-

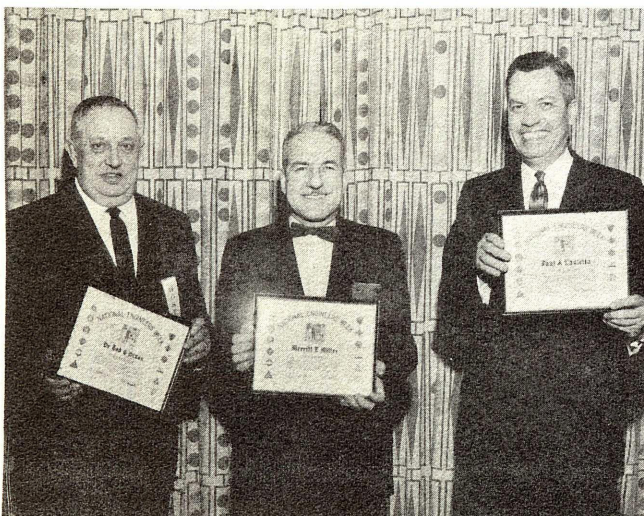
cognition, and distinctly different from scientific professions as such. New stirrings are appearing in this direction.----"

Dr. W. R. Marshall, Associate Dean of Engineering, University of Wisconsin, in a talk "Science Ain't Everything" made these statements. "----Engineering must seize its responsibilities with boldness and imagination." "----Engineering being virtually eliminated from many colleges of engineering." "Among several branches of our profession, notably in education, trends have developed which tend toward subordination if not subjugation of the engineering profession." "Engineering is substantially broader and more challenging in its scope than the science."

Engineers must take an affirmative stand. They must see that the curriculum of colleges develops engineers, that by the public and in the press engineering be fully recognized. All engineers must contribute and do their part to meet this challenge.

Scientists Make It Known
But
Engineers Make It Work

DR. TOD G. DIXON
PRESIDENT FWEC



CITIZEN ENGINEERS

At the annual banquet culminating Engineers' Week in Fort Wayne three local engineers were cited for outstanding contributions to the community. Citizen Engineer of the year awards were given to Dr. Tod G. Dixon, Mr. M. L. Miller and Mr. Paul Lauletta.

Dr. Dixon heads the chemical engineering department at Indiana Institute of Technology and is also President of the Fort Wayne Engineers Club.

Mr. Miller is in the General Electric Laboratory at Fort Wayne.

Mr. Lauletta is assistant plant superintendent at Joslyn Stainless Steel.

All three are registered professional engineers.

WHAT'S IN THE FUTURE?

At the recent Community Betterment Council Meeting Messrs Harry B. Amstutz, President, Board of County Commissioners, Ivan H. McKathnie, City Controller, and J. Robert Arnold, City Attorney presented their views on the activities and plans for the future.

Mr. Amstutz enumerated the duties of the county commissioners:

1. Caring for county property
2. Account auditing
3. Soliciting bids and authorizing contracts
4. Bond issues
5. Leasing county land
6. Supervising construction and maintenance of roads and bridges
7. Preparation and approval of budgets
8. Personnel and payroll
9. Miscellaneous

Mr. McKathnie indicated that the new city administration has spent considerable time recognizing the police force and the City Utilities. Some other projects under study include traffic control construction and repair of streets, financing a city-county building, dis-annexation of Industrial Park and many others.

Mr. Arnold assured the group that the administration was dedicated to the task of keeping the city free from vice and crime.

NEWS FROM FAR AWAY

Ellis R. Bleke and Harold F. Staley, both FWEC members, have indicated they are now with the General Electric Co. in Bogota, Columbia.

William G. Sikle, FWEC member (former president), is in Turkey. His address is:
U. S. Royal Lastik T.A.S.
P.K. 27 - ADAPAZARI
Turkey

JETS PROGRAM ACTIVE

The National search for engineering aptitude in pre-college students is being continued this year by JETS (Junior Engineering Technical Society). This aptitude search is open to boys and girls in grades 7 through 12.

Locally, D. P. Strang, an FWEC member coordinated the aptitude tests given to 213 students on February 27 at North Side High School. Aiding Mr. Strang were

R. R. Berghoff	R. L. Hollar
*R. J. Brehn	E. Jorgensen
R. I. Eddy	*D. E. Neuhouser
E. J. Geiger	M. Sherdinsky
R. J. Griffiths	J. W. Worman
*A. R. Hallay	

*FWEC Members

The engineering profession will benefit from the fact that these tests will help more qualified students to chose this field, and help guide those less qualified into other areas, at an early age.

MARCH 19 MEETING

FRONTIERS IN SCIENCE AND ENGINEERING

TO BE DISCUSSED AT MARCH 19, FWEC MEETING

We will have a surprise for you at the March 19, dinner meeting. So please come early, enjoying the social hour and a prime rib dinner to be followed by a talk by a well known and qualified speaker.

Time; Social hour 6:30
Dinner 7:00

Place: Hall's Gas House

Cost: \$ 3.30

APRIL MEETING FEATURES "EDUCATION"

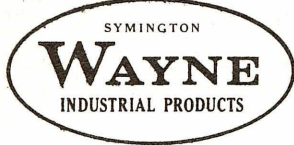
At the April 16 dinner meeting Dean McEachron from Case Institute of Technology will speak on "Continuing Education" for Engineers in Industry.

ATTENTION
ENGINEER'S
WIVES



FORT WAYNE
ENGINEER/S
NEWS MAR
1964

You'll want to cancel your husbands bowling dates, traveling plans and all other engagements for May 21 so he can take you to the Club Olympia for an outstanding banquet planned specifically for you. Watch the April issue for more information.



WAYNE PUMP CO.

Division
Symington-Wayne
Corp.
70 Years of Progress
FORT WAYNE, INDIANA

- Rotary Pumps**
- Hose Reels**
- Air Compressors**
- Industrial Lifts**
- Elevators**
- Military Lifts**
- Special Products**

ELGY says.....
"See me for
fast-complete
Reproduction Service"
* Tracing Reproductions
* Photographic Silk Screens
* 16-35-105mm Microfilm
Service and Equipment
* Film Negatives
* Photostats
* **K&E** and **POST** Drafting
Supplies
LG LINCOLN-GRAPHIC
CORP.
715 Clay St. 742-2484

PHOTO EQUIPMENT

- for
- **Laboratory Applications**
 - **Industrial Photographers**
 - **Engineer Hobbyists**

**Free consultation in all
phases of Macro and
Micro Photography.**

SUNNY SCHICK

407 W. Washington 742-9119
*Specialists in equipping and
supplying industrial photo labs.*

LAFAYETTE
**RADIO ELECTRONICS
ASSOCIATE STORE**
CITIZENS BAND EQUIPMENT
TAPE RECORDERS
HI-FI
COMPONENTS
STEREO

PHONE 3101 N. Clinton Street
743-2218 Fort Wayne, Indiana

**COLE
REALTY CO.**
744-4107
If No Ans. Call 744-2752
Multiple Listing
Service
ROMANE COLE
Always Deal With
A Realtor
SO. BRANCH FT. WAYNE
3813 S. CALHOUN

Contact Representatives

- K. A. RENNO Bowmar Instrument
- W. P. SIMERMAN City Utilities
- F. T. CARLSON General Electric
- W. K. GREGG General Electric
- J. D. WOODWARD International Harvester
- R. J. TUPPER Indiana & Michigan Electric
- D. L. TIMMERMAN Indiana & Michigan Electric
- A. B. PRICE Indiana Technical College
- F. A. BUUCK ITT Laboratories
- N. E. HOAG ITT Laboratories
- C. A. RICHARDS Magnavox

FWEC Council

- | | | |
|---------------------------------|------------------------------|-------------------------|
| PRESIDENT | T. G. DIXON | 4755 Trierwood Park Dr. |
| VICE-PRESIDENT | F. T. CARLSON | 2516 Cambridge Blvd. |
| SECRETARY | C. A. KRASIENKO | 4226 Lillie St. |
| TREASURER | A. H. KRUCKEBERG | 4021 Warsaw |
| JR. PAST PRESIDENT | G. I. DUNCAN | 4008 Mound Pass |
| 3RD YR. DIRECTOR | W. R. HUNT | 2001 Franklin |
| 3RD YR. DIRECTOR | D. L. FOLAND | 429 French |
| 2ND YR. DIRECTOR | D. K. MOE | 3124 Grandview |
| 2ND YR. DIRECTOR | S. J. ANTALIS | 4020 Rosewood |
| 1ST YR. DIRECTOR | L. E. CLEMENTS | 4144 Vance |
| 1ST YR. DIRECTOR | W. W. WAREHAM | 9527 Saratoga |
| MEETING & PROGRAM | D. R. CASTRO | 306 E. McKinnie |
| MEMBERSHIP & CONTACT | L. D. TEMPLE | 5235 Sherrill Dr. |
| CIVIC AFFAIRS | ERWIN A. V. HORIAK | 603 Ravenswood Dr. |
| FINANCE | DON WINDMILLER | 7335 Denise Dr. |
| AUDITING & PROCEDURES | R. E. SUNIER | 4505 S.W. Anthony Wayne |
| PUBLICATIONS | W. B. HUGHES | 1909 L. Huntington Rd. |
| PUBLICITY | ERIC HOPPE | 4113 Rosewood |
| HISTORIAN | C. W. KRONMILLER | 7721 Aboite Center Rd. |
| 2ND YR. ENGINEERS WK. | D. E. NEUHOUSER | 5818 Langford Dr. |
| 1ST YR. ENGINEERS WK. | R. G. WALKER | 4217 Buell Dr. |
| ADDRESSOGRAPH PLATES | R. S. LANGDON | 1524 Park |
| ENGINEERS BALL | L. F. MAYLE | 261 E. Fleming Ave. |
| RESIDENT AGENT | L. J. DOCKAL | 4612 Arlington |
| AWARDS & NOMINATIONS | D. F. WARTZOK | 3919 South Dr. |
| STUDENT AFFAIRS | W. R. HUNT | 2001 Franklin Ave. |

MY RESOLUTION

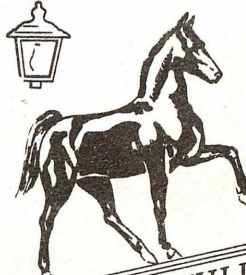
A New Member

For The Club

In '64

Mar 64

Liberty Hills



Suburban Living - City Facilities
 Wooded or Open Lots
 Community Sewage Facilities
 City Telephone - City Gas
 Near New School
 Off U S 24 West

Call Lawrence D. (Larry) Bishop
 Development Engineer And Builder
 745-2581

LIBERTY HILLS

Distributors for
 Famous Names In Marking

DYMO - FORCE - BATES
 PRYOR - CROWN - AJAX
 ELECTROMARK - PULLMAN

INDIANA STAMP
 & SEAL COMPANY

127 E. Columbia-742-5315

Art Irmischer—Purdue '15 Aldon Irmischer—Purdue '43

IRMSCHER & SONS, INC.

BUILDERS & ENGINEERS

1030 OSAGE 742-8325

YOUR ONE STOP
 HEADQUARTERS FOR
 500 BLUE CHIP
 INDUSTRIALS
 CALL 743-7388

FT. WAYNE
Electronica
 SUPPLY, INC.

3606 Maumee Ave.
 everything in
 ELECTRONICS

YOUR SOURCE of DEPENDABLE
ELECTRIC POWER!



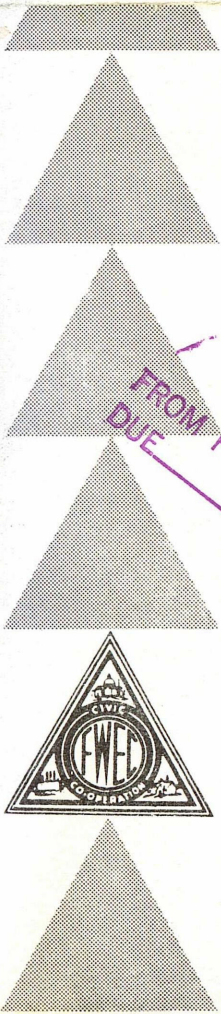

INDIANA & MICHIGAN
 ELECTRIC COMPANY

An Investor-Owned Public Utility AMERICAN ELECTRIC (AEP) POWER SYSTEM

ENGINEER/S NEWS

Official Publication
 THE FORT WAYNE ENGINEERS CLUB
 Chamber of Commerce Building
 826 Ewing Street Fort Wayne 2, Ind.
 Form 3547 Requested

Sec. 34.66, P. L. & R.
 U. S. POSTAGE
PAID
 Fort Wayne, Ind.
 Permit No. 165



FROM FORT WAYNE, IND
 DUE
 RETURNED TO SENDER

1726 Mayflower Rd
 46807

Wendell Hughes
 1909 L. Huntington Rd.
 Fort Wayne, Indiana

