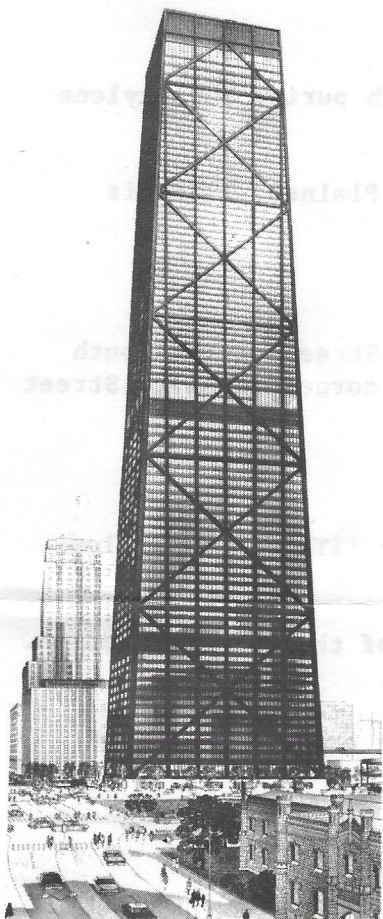


NEWSLETTER



NOVEMBER
1971

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS



CHICAGO SECTION

NOVEMBER MEETING

DATE: November 10, 1971

PLACE: Illinois Institute of Technology Research Institute

TIME: Pre-dinner Program 4:30 P.M.
Social Hour 5:30 P.M.
Dinner 6:30 P.M.

COST: \$6.00 for Chicago Section members
\$7.00 for non-members

PRE-DINNER PROGRAM: "Computer Retrieval of Technical Information"

Place First floor auditorium

Speaker Robert W. Harrington

Mr. Harrington received a B.S. degree in Chemistry and Biology from John Hopkins University in 1961. He is presently a research scientist at IITRI and specializes in computerized technical information retrieval. He will discuss the information retrieval services of IITRI.

AFTER DINNER PROGRAM: "The Future of Nuclear Energy: Projections, Prospects and Policies"

The prospects of nuclear energy, economically and technologically, are very bright; the projections indicate widespread growth, but assume both lesser acceptance and higher cost than is likely; and policies are affected by overly pessimistic resource estimates and overly optimistic development expectations. We are entering an era in which energy resources must be considered as complementary rather than competitive, and the complementarity of nuclear energy with other forms must be established.

Speaker Dr. Bernard I. Spinrad

Dr. Spinrad received his Ph.D. in Physical Chemistry from Yale University in 1945, and has worked in the fields of nuclear reactor physics and reactor design since then. He has served as Director, Division of Nuclear Power and Reactors, for the International Atomic Energy Agency, Vienna, Austria; Director, Division of Reactor Engineering, at Argonne National Laboratory, and is currently a senior physicist in their Applied Physics Division. He holds several patents in reactor design and was responsible for the design of the production reactors at the Savannah River facility.

RESERVATIONS:

Please fill out and return the prepaid postcard if you plan to attend the meeting. Your cooperation will be appreciated as these reservations are required for proper scheduling of serving facilities. If your plans change or it is impossible to

return the postcard, please inform the telephone operator at CPC International, Inc., 312-581-6800.

HOST: Universal Oil Products Company, UOP Process Division

Since the development of the Dubbs cracking process in 1914, UOP has seen the use of its technology grow throughout the international petroleum and petrochemical industries. Today UOP has over 2500 licensed units having a total capacity in excess of 15,000,000 barrels per day and has designed more than 25 complete refineries. In conjunction with the development and licensing of its processes, UOP has also become a leading developer and supplier of petroleum refining and petrochemical processing catalysts and additives.

Throughout its history UOP has offered processes to meet the industry's needs. Among those offered in response to the current demand for lead free fuels are:

Continuous Platformer - Catalytic reforming process for the production of high octane motor fuel. This innovation permits continuous high severity operation, leading to maximum utilization of UOP's recently developed bimetallic reforming catalysts.

Penex - Catalytic isomerization process for economical upgrading of the pentane and heptane fractions from naphthas and gasolines.

In the petrochemical area, the most recent process is:

Parex - A continuous adsorption process for the production of high purity para-xylene from a mixture of the xylene isomers.

The Company's headquarters and research facilities are located in Des Plaines, Illinois with development and manufacturing situated at McCook, Illinois.

LOCATION AND PARKING:

IITRI is located just west of the Dan Ryan Expressway at 10 West 35th Street on the South side of Chicago. Free parking is available in the parking lot on the corner of State Street and 35th Street.

NEXT MONTH:

The next meeting of the Chicago Section will be held on December 8, at IITRI. The following is a preview of the planned programs:

Pre-dinner Program . . . Open meeting of the Board of Directors of the Chicago Section. You are encouraged to bring and air your views to the management.

Post-dinner Program . . . Panel discussion on employment problems and prospects for chemical engineers.

JOLIET SUB-SECTION:

Details on the coming Joliet Sub-section meeting are as follows:

Date: November 17, 1971

Place: Holiday Inn, Route I-80 and Larkin Avenue, Joliet, Illinois

Time: Social Hour 6:30 P.M.
Dinner 7:30 P.M.