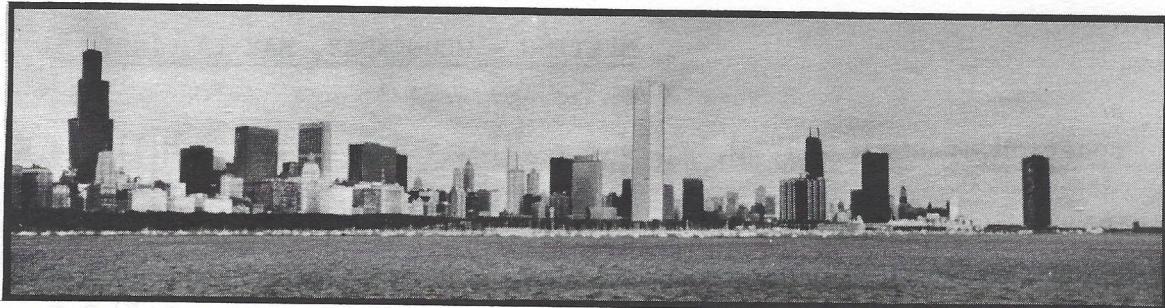


## NEWSLETTER



86 EAST RANDOLPH ST.  
CHICAGO, ILLINOIS 60601

CHAIRMAN'S MESSAGE

This 1980-81 year has gone by so quickly that it's hard to believe that the May meeting is here already. It's been my privilege to serve as your chairman for the past year. I would like to especially thank my board of directors for all of the work that they have contributed to make this year so successful.

We invited speakers for our monthly meetings who are able to address meaningful issues of interest to our members. Since energy is such an important issue, we'll have had three meetings devoted to this topic--coal gasification, oil shale, and nuclear energy. We've also had talks on computer-aided design and on recent trends in process control. An interesting social perspective on the Soviet Union and Peoples Republic of China was provided in a presentation which included movies. We had such an overwhelming response to our Couples Night program that attendance had to be limited due to a request by the restaurant. Lastly, the practice of engineering and serving the public's interest was discussed by one speaker.

Many members of the Chicago Section helped organize the 73rd Annual AIChE meeting held at the Palmer House during November 16-20, 1980. The success of the meeting was due to the many hours spent by these members on this monumental task.

Current indications are that we have been successful in improving the financial position of the Chicago Section. Details will be provided in a future newsletter after the audit committee completes its annual review of the records for the year ending June 30, 1981. We continued to support the Crerar Library by purchasing the AIChE publications package. Your section also continued to be a member of the Illinois Engineering Council. I am happy to announce that our candidate for the Professional Engineers Examining Committee has been endorsed by the IEC.

Thank you for your support of the Chicago Section of AIChE this past year. I hope that you have an enjoyable summer, and I look forward to seeing you again next fall.

Bob Schaefer

ACKNOWLEDGMENT

The editor wishes to acknowledge the cooperation of the Chicago Section Board Members who have provided newsletter copy, the excellent efforts of Charlene McCauley, Mardy Lamski, and especially Susan Junkerman who typed the newsletter copy, and Klines Printing and Letter Service--our ever-reliable printer.

MEETING - WEDNESDAY, MAY 13, 1981

Location. . . . .	Miller's Kinzie Steak House 33 West Kinzie Street Kinzie and Dearborn Chicago, Illinois 60610
Social Hour . . . . .	5:30 p.m.
Dinner. . . . .	6:30 p.m.
Speaker . . . . .	Larry Leonard Administrative Engineer Commonwealth Edison Corporate Headquarters, Chicago
Topic . . . . .	Nuclear Energy in the 80's: Age of Aquarius or Apocalypse Now?
Cost. . . . .	\$12.00 members, \$13.00 non-members

The map on the bottom of this page indicates the location of the restaurant. Parking is available across the street from the restaurant.

## RESERVATIONS

MAKE RESERVATIONS NO LATER THAN MAY 8 BY CALLING 236-3036, BUT PLEASE NOTE: A RECORDED MESSAGE WILL GIVE YOU A NEW NUMBER WHICH SHOULD BE CALLED. THE AMERICAN CHEMICAL SOCIETY WHICH TAKES RESERVATIONS FOR THE CHICAGO SECTION IS IN THE PROCESS OF MOVING ITS OFFICES. IF YOU CANNOT GET THROUGH, CALL THE BACK-UP NUMBER, 420-4965. WE OFFER OUR APOLOGIES FOR THIS INCONVENIENCE.

SOCIAL HOUR, 5:30 P.M.

Host: Brown & Root, Chicago Engineering Division  
Lombard, Illinois

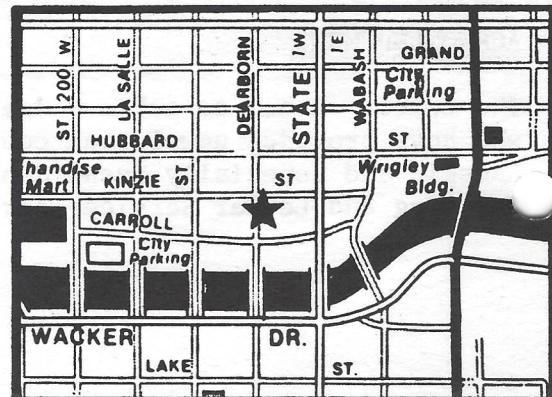
Brown & Root, headquartered in Houston, Texas, is one of the largest engineering and construction companies in the world. Projects carried out by the company extend around the globe and cover such diverse industries as chemicals, petroleum refining and petrochemicals, pulp and paper, heavy civil works, power generation, mining and metals, offshore platforms and pipelines.

The Chicago Engineering Division of Brown & Root was established to serve clients in the Midwestern United States. Last year, the Chicago Engineering Division celebrated its tenth year of operations and moved into its new facility in Lombard, Illinois. Projects performed by the Chicago Engineering Division include an overall refinery expansion; revamps of crude units, FCC, and reforming units; design and construction of a new power ethanol (gasohol) facility; modifications to ethylene, polyethylene, and SNG plants; new chemical waste treatment facilities; additions to several steel mills; and several new fossil fuel power generating stations.

DINNER, 6:30 P.M.

### Entree: Chicken Kiev

## MILLER'S KINZIE STEAK HOUSE LOCATION



## AFTER DINNER PROGRAM

Topic: Nuclear Energy in the 80's: Age of Aquarius or Apocalypse Now?

Speaker: Larry Leonard, Administrative Engineer, Commonwealth Edison

Mr. Leonard is responsible for overseeing and implementing technical information programs for employees, the public, and the media. Previously, he was a manager in one of Commonwealth Edison's seven operating divisions.

Mr. Leonard has a degree in electrical engineering from the University of Illinois at Urbana-Champaign and has a master's degree in finance from Northwestern University. He is a registered professional engineer, serves on the statewide energy committee of the Illinois Society of Professional Engineers, and belongs to several engineering and scientific societies.

## ABSTRACT

The role nuclear power plays in meeting the energy needs of the northern one-fifth of Illinois will be discussed and the fundamental technology of nuclear power plants will be reviewed. Also addressed will be three of the most important issues which currently surround nuclear power: What can be done about wastes? Are nuclear power plants safe? Is nuclear power economical? The outlook for the future of nuclear power will be commented.

## ELECTION OF 1981-82 CHICAGO SECTION OFFICERS

The annual election of officers will take place at the May meeting. Successful candidates will join Chairman-Elect Bill Swift, who will be assuming the 1981-82 chairmanship.

The Nominating Committee, chaired by Ed Fochtman, and including Phil Lindahl and Bill Swift, has proposed the following slate of candidates:

George McConaghy, nominated for Chairman-Elect, holds BS and Ph.D. degrees in chemical engineering from the University of Illinois and an M.S.Ch.E. degree from the University of Washington. He joined Amoco Research Center in 1974 and is currently Research Supervisor in the Chemical Feedstocks Division of Amoco Chemicals. He has served the Chicago Section as Publicity Chairman, as a member of the Meeting Arrangements and Technical Program Committees for the 1976 and 1980 Annual AIChE meetings, and is currently Vice-Chairman of Programs.

David Hacker, nominated for Vice Chairman of Programs, holds a Ph.D. degree in chemical engineering from Northwestern University and a M.S.Ch.E. degree from MIT. He is Professor of Energy Engineering at the University of Illinois, Chicago Circle and is a consultant to several commercial firms and non-industrial research laboratories. Currently on sabbatical, he is a scientist in residence at Argonne National Laboratory. He has a strong interest in student affairs and has been the AIChE student chapter advisor at UICC. In addition, he has been active in arranging the student committee activities at the 1976 and 1980 annual AIChE meetings in Chicago. He has served the national AIChE program committee technical groups on reaction kinetics and heat transfer. He is currently Treasurer of the Chicago Section.

Dennis Leppin, nominated for Treasurer, holds bachelor's and master's degrees in chemical engineering from C.C.N.Y., has an M.B.A. from the University of Chicago, and is a Registered Professional Engineer in Illinois. He is currently Research Supervisor at the Institute of Gas Technology which he joined in 1974 and is involved with the Industrial Fuel Gas Demonstration Plant Program. He has served the Chicago Section as Constitution and By-Laws Chairman, Publicity Chairman, House Chairman, and as Registration Chairman at the 1976 and 1980 Annual AIChE meetings. He is currently Acting Secretary of the Chicago Section.

John Forgac, nominated for Secretary, holds B.S., M.S. and Ph.D. degrees in chemical engineering from Case Western Reserve University. He joined the Amoco Research Center in 1977 and is currently Research Engineer in the Synthetic Fuels Division of Amoco Oil. He has served the Chicago Section as House Chairman and is currently Publicity Chairman.

Phil Lindahl, nominated for Director-at-Large, holds a BSChE from Iowa State University and an Advanced ChE degree from Armour Tech. He is a registered P.E. in the State of Illinois. He presently holds the position of Environmental Officer for the City of Des Plaines. Phil was General Chairman for the 1976 and 1980 Annual AIChE meetings held in Chicago. He has served the Section as Environmental and Ecology Chairman, Secretary, Treasurer, Vice Chairman-Program, Chairman, and is currently Past Chairman.

#### ABSENTEE BALLOTS

If you will be unable to attend the May 13 meeting but wish to vote, you may obtain an absentee ballot if you are a member of the Chicago Section in good standing. To obtain a ballot, please write or call the Section Secretary:

Dennis Leppin  
Institute of Gas Technology  
3424 South State Street  
Chicago, Illinois 60616  
(312) 567-3704

LEGISLATIVE HOT LINE MEETINGS. During sessions of the Illinois legislature, telephone conference calls are held every two weeks with the engineers' lobbyist in Springfield. All engineers are invited to attend, to learn what bills have been introduced that concern engineers, and to express views on bills that should be supported or opposed. The meetings are held at noon at 55 East Washington St. in Chicago. For information on the date of the next meeting, call Dick Snow at 567-4255, or the Chicago office of the Illinois Society of Professional Engineers at 332-0107.

#### OBJECTIVES OF THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

- To advance chemical engineering in theory and practice
- To maintain a high professional standard among its members
- To serve society, particularly where chemical engineering can contribute to the public interest.

This newsletter is published by the Chicago Section of the American Institute of Chemical Engineers. Copy for inclusion in the newsletter must be received not later than five weeks before the next meeting date.

HAVE A PLEASANT SUMMER!!

Editor:

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