

# the news



PHILADELPHIA SECTION  
**AMERICAN SOCIETY OF CIVIL ENGINEERS**  
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OUR 68th YEAR

November, 1980

## NOVEMBER LUNCHEON MEETING

Philadelphia Section, American Society of Civil Engineers

**WEDNESDAY, NOVEMBER 12, 1980**

Engineers' Club, 1317 Spruce Street

Luncheon — 12:05 P.M.

Meeting — 12:30 P.M.

**SUBJECT:**

**LOVE CANAL: AN ENVIRONMENTAL CATASTROPHE**

**SPEAKER:**

**DR. ERNEST A. REGNA**, Chief, Solid Waste Branch, EPA Region II

The recent tragic events at Love Canal in New York, as well as, the implementation of the Resource Recovery and Conservation Act, have caused an enormous amount of attention to be focused on the proper handling and disposal of hazardous wastes.

This presentation will provide background on the events of Love Canal, how the situation occurred, how it affected the local population and the remedial program that is being implemented. An overview of the Resource Conservation and Recovery Act of 1976 and the technical requirements of the Facility Standards will also be given.

Dr. Regna, as Chief of the Solid Waste Branch of EPA Region II is responsible for hazardous wastes and solid waste programs under the Resource Conservation and Recovery Act of 1976. He received a B.A. in Chemistry from Columbia University, a B.S. and M.S. in Chemical Engineering from Virginia Polytechnical Institute and a Dr. ChE from Polytechnical Institute of Brooklyn.

He spent 20 years in R&D with Allied Chemicals at various positions. Dr. Regna joined the EPA in 1971 and with the exception of a brief return to Allied Chemicals in 1976, has been with EPA since.

**SPECIAL EVENT:**

**PAST PRESIDENTS' DAY**

The Board of Directors cordially requests all Philadelphia Section Past-Presidents to attend this luncheon meeting.

No Dinner Reservation Mailing Cards will be sent until further notice. Please call Mr. deKovacs at the Engineers' Club immediately. (215) 735-5234.

**STUDENTS** — Plan to attend for Lunch (Half Price) or meeting after Lunch

### NEXT MONTH'S MEETING

**MARK YOUR CALENDAR**

DINNER MEETING

PHILA. SECTION ASCE

Date: **Tuesday, December 9, 1980**

Engineers' Club—7:30 P.M.

Cocktails: 5:30      Dinner: 6:30

Subject: **Segmental Prestressed Concrete Construction as Applied to the Florida Keys Bridges**

Speaker: **Jean M. Muller**, Chairman, Fig & Muller Engineers, Inc., Tallahassee, Florida

**Villanova University Night**

### READING BRANCH

The November meeting of the Reading Branch will be held on **Thursday, November 20, 1980**, at the Green Valley Country Club. **Dr. Fred L. Moreadith** of Gilbert Associates, Inc., will speak on **Delamination of Pre-Stressed Concrete Domes**. Dinner will be at 7:00 P.M., the meeting at 8:00 P.M. Contact Ben Nacar, Program Chairman at Gilbert Associates, Inc., P. O. Box 1498, Reading, PA 19603, 775-2600, Ext. 3422, for reservations. **All Philadelphia Section members welcome!**

### TECHNICAL GROUP ACTIVITIES

**HYDRAULICS AND SANITARY**

Arranging Main Section Meeting  
Wednesday, November 12, 1980

(continued on page 2)

**TECHNICAL GROUP ACTIVITIES**

(continued from page 1)

**GEOTECHNICAL**

Date: **Thursday, November 13, 1980**

7:00 P.M. — Engineers' Club

Subject: **Geophysical Prospecting**

Speaker: **R. N. Specht**, Vice-President and Chief Geophysicist, ARCO Oil & Gas Company, Dallas, Texas

Program Host: **Dr. Ziyad I. Husami**, Chairman, Geotechnical Group

Refreshments are served.

The second lecture in the series on Geotechnical Aspects of Energy will discuss geophysical exploration for fuels (oil, gas, coal and uranium).

Exploration for oil and gas began with "creekology" of western Pennsylvania. From this beginning evolved a basic understanding of the physics of hydrocarbon accumulation and entrapment. After exhausting surface indications of accumulations, geophysical methods became effective using gravity and seismic techniques. From this, the seismic reflection method developed into the prime tool for oil exploration. It has evolved from a crude but effective beginning to a highly complex system with several source and receptor systems, massive computer processing sequences, and highly sophisticated interpretive techniques.

Coal exploration has followed a similar history, but with less sophistication due to economic depth limitations. Uranium exploration has depended on measuring radioactivity and surface indications.



**STRUCTURAL**

Date: **Thursday, November 20, 1980,**

Dinner Meeting, Engineers' Club, 7:30  
Cocktails: 5:30 Dinner: 6:30

Subject: **Effective Depth of Slabs and Footings**

Speaker: **Dr. S. Tauquir Haider Zaidi**, Bechtel Power Corp., San Francisco Power Division. (Dr. Zaidi is Chairman of the Structural Group, Phila. Section, ASCE)

Program Host: **David M. Barr, III**, Vice Chairman, Structural Group

A simplified method will be presented for finding the effective depths using Zaidi's equation, design charts and curves. Comparisons with other methods and experimental test results will be made.

For dinner reservations and full information, please call Mr. Barr at (215) 755-4805.

**PLEASE PAY SECTION DUES!!**

When you pay the \$10.00 Phila. Section annual dues, you become a full Active Member and are eligible to reap the benefits of the many professional services and prestige which that classification provides.

In addition, your payment of Section dues significantly helps the Section in its ongoing search for revenues to finance its numerous and varied programs. National ASCE allots \$3.00 for each assigned member who pays the Philadelphia Section dues.

In a policy initiated in 1979 ASCE National Headquarters will include Philadelphia Section dues in its National billing. In this way, your one check will pay both National and Local Philadelphia Section dues. (National ASCE will reimburse the Phila. Section for the Local dues). **You will receive your bill from National ASCE, with appropriate instructions, shortly after October 1, 1980.** Please send your checks in promptly to National Headquarters in accordance with their instructions.

Another important function of the billing is for Phila. Section members to include their preferences for membership in Technical Groups @ \$1.00 annually per Group. The bill from National will include these choices. The total annual Phila. Section dues will therefore be \$10.00 plus \$1.00 per Technical Group membership.

**YOU NEED THE PHILADELPHIA SECTION, ASCE FOR YOUR PROFESSIONAL FULFILLMENT. THE SECTION NEEDS YOUR SUPPORT CONTINUOUSLY. IT ALSO THANKS YOU FOR YOUR PARTICIPATION AND COOPERATION IN ALL ITS PROGRAMS AND ACTIVITIES.**

**A CORRECTION**

The October, 1980 issue of THE NEWS mistakenly identified the late **William F. Lotz, Jr.** (whose obituary appeared on page 4), Chairman of William F. Lotz, Inc., Horsham Building Contractor, as a former Engineer of the Year and member of the Phila. Section, ASCE. William's brother, John J. Lotz was 1977 Engineer of the Year of Delaware Valley and a prominent Phila. Section member.

We regret the error and are happy to report that Jack Lotz is alive and well. (A profile of John J. Lotz — as 1977 Engineer of the Year — appeared in the January, 1977 issue of THE NEWS).

**CLUB FACILITIES AVAILABLE**

During the Holiday Season the Members of ASCE are cordially invited to use The Engineers' Club facilities on a cash basis. Guest cards can be picked up at the Club office.

—Thanksgiving Day Dinner, Thursday, November 27, 1980, Noon until 5 P.M.

Complete dinners including appetizer or soup, entree, family style vegetables, salad, beverage and dessert, \$5.50 to \$7.00. **Children's platters available at half price.**

—New Year's Day, Open House, Thursday, January 1, 1981, Buffet.

Call the Club office (215) 735-5234 and make your reservations.

**PHILADELPHIA SECTION  
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**SEND COPY TO:**  
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64 Nancy Drive  
Richboro, Pennsylvania 18954  
Phone: (215) 222-7464

**COPY DEADLINE FOR  
DECEMBER, 1980 ISSUE  
NOVEMBER 12, 1980**

## OCTOBER MEETING

October 14, 1980 Engineers' Club

### The Press Meets Us

THE NEWS thanks **Thomas J. Lauer**, President of the Associate Member Forum, for his capable assistance to the Editor Sidney Robin in preparing the following article.

The opening game of the Phillies-Fever World Series notwithstanding, a respectable turnout of Philadelphia Section Members and guests inaugurated the 1980-1981 year at the October 14th dinner-meeting. The attendees' generous sacrifice of full-game viewing was not in vain. The discussion of the topic: "Can Public Works Work? — A View From the Press," was penetrating, controversial and rewarding. The panel of speakers consisted of three outstanding journalists of the press media: **Doug Bedell**, Editorial Writer, the Philadelphia Bulletin; **Mary Jo Melone**, Feature and City Hall Reporter, KYW Radio; and **George Wilson**, Chief Editorial Writer, the Philadelphia Inquirer.

### Swarthmore and Widener College Night

The ASCE Student Chapters and Civil Engineering Departments of Swarthmore and Widener Colleges were honored at the meeting. On behalf of Widener, **Dr. George N. Bathish**, Professor of Civil Engineering, introduced Student Chapter officers and members present. Chapter President **Barbara Bingman** reviewed briefly the Student Chapter events, current and planned.

**Dr. Thomas McWilliams**, recently-installed Dean of Engineering, described the inter-disciplinary program in engineering, integrating the areas of specialization (civil, mechanical, electrical and chemical engineering) with business and economics degree courses. Happily, Dr. McWilliams reports, there has been a substantial increase in enrollment this year.

Swarthmore College Student Chapter President **Thomas Schuchart** spoke briefly. He thanked the Section for its courtesies and introduced Swarthmore students in attendance.

### The Journalists Speak

Moderator for the program was **Ira N. Pierce**, Chief, Public Transportation Planning Division, Delaware Valley Regional Planning Commission. Mr. Pierce is Meetings - Programs Advisor of the Phila. Section this year, and he acquitted himself well in directing the panel discussions. Mr. Pierce first invited the panelists to outline their views on how the media can "interface" their

reporting with the engineers' objectives and the people's responses to public and private works which affect their daily lives.

(Mr. Pierce's less than grammatically faithful use of the term "interface" later drew restrained criticism from Ms. Melone when she explained her views on the integrity of communicating to the public).

The title: "Can Public Works Work? — A View from the Press", was borrowed from a similar Section meeting which some members may remember (October 9, 1973). As before it was an invitation to a meaningful dialogue between engineers, and outstanding representatives of the powerful and persuasive news media through which public understanding may be gleaned. In light of the Three Mile Island emergency this meeting served as a serious review of professionals, their projects and how their integrity and trust are developed and perceived by the public.

### Mr. Bedell Comments on T.M.I.

The panel members spoke in "round table" style. **Mr. Bedell**, who will shortly be leaving The Bulletin to head for General Public Utilities Corp., the Media Public Relations Department, at the Three Mile Island Nuclear Power Plant, began the discussion by characterizing T.M.I. as a communications failure as well as a technical failure. In the arena of democracy, engineers must communicate straight-forwardly and maintain credibility. T.M.I. did not. In Mr. Bedell's opinion, poor communications at T.M.I. plunged the country into a much greater nuclear crisis than was justified.

The failure of technicians and engineers at the T.M.I. plant, State and Federal regulatory experts and public officials to clarify the series of terrifying, unsubstantiated events which spread near-panic in the area, was a tragic consequence of unconscionable complacency and indifference to the imperatives of accurate public communication, concluded Mr. Bedell.

### Ms. Melone

#### —The Perspective of a Generalist

**Mary Jo Melone**, popular KYW Radio News Reporter, with no pretense of technical knowledge beyond laymen's texts, responded to Mr. Bedell's comments on the general emergency declaration at T.M.I. by replaying a tape of her original news bulletin. She admits that because of the spontaneity and absence of technical expertise by the writers of the bulletin, it was full of inaccuracies and ambiguities. Ms. Melone detests the gobbledy gook (which so

often masquerades as technical literature) that emerges in controversies engendered by public works proposals. She also emphasized the important quality of a discerning press reporter to detect the politics which inevitably interweaves with publicly-financed projects such as highways, expressways, commuter tunnel, etc. The political factors are real, and cannot be ignored in the reporting.

Defining newsmen's views of public works, Ms. Melone said that reporters are paid to be skeptical, and naturally take a dim view of public works. Most reporters view public works as Pork Barrel Projects. Politicians tend to use them to advantage, and there is little or nothing engineers can do to prevent this. Ms. Melone counseled that engineers, when dealing with the public must labor with much ignorance and misunderstanding. We must be plain and clear in our descriptions and explanations, and remember that few reporters have technical backgrounds.

### Mr. Wilson—The Integrity of Informing

**George Wilson**, Chief Editorial Writer of the Inquirer, injected into the subject as much personal bias as he did objectivity. And it is refreshing to be reassured that reporters and editorialists are, after all, human; not reflecting mirrors or sculptured figurines with movable parts!

On the T.M.I. issue, Mr. Wilson commented as a defender of nuclear power. He did not deny the traumatic effect of the incident on the public's view of the safety of the entire nuclear concept. But he does not apologize for the amalgamation of his personal preferences — or prejudices — with his editorial practices of integrity, candor and absence of discrimination. As an editorial writer, he wants to be informed — and to project to the reading public the balance between the good and bad (of nuclear power generation or any other facet of major technological impact).

Yikes!! Mr. Wilson even admits that he **supports** the Center City Commuter Rail Connection, and the famous — or infamous — Blue Route Bypass! But he hastens to add that his personal opinions on issues of this kind exert no influence on his prerequisites for unbiased, accurate reporting. News media people, said Mr. Wilson, need the information from engineers so that they can convey that information in layman's language to the public. Engineers, doctors and scientists are best qualified to write in technical journals, but the news-projecting media should be staffed by capable

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**OCTOBER MEETING**

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**non-technical** writers and announcers. Thus can various points of view be explained when projects — public or major privately financed — are in controversy: the advocates on why they are needed, and the opponents on why they should be rejected.

**Credit Where It Is Due**

Mr. Wilson is acutely aware of the need for — and justness of — public recognition and credit lines to the designers of major projects, particularly public works; and not to the politicians and hangers-on whose names are splattered in big letters on signs and placards all over the place. He advocates that information messages be posted on barricades surrounding building projects, so that the public onlooking "nosies" could learn who were the architects and engineers, and what the proposed project is designed to accomplish.

**Speakers Compare Notes**

The three distinguished speakers compared notes in commentary amongst themselves on their personal views as to what the various media elements should do to best convey public works information to their readers and listeners. They then responded to a wide range of questions and comments from the audience on relative issues of the main topic. Some of the items covered were:

- the possible distortions and exaggerations of facts and excitement the media feel necessary to bring interest to a story.
- the Center City Commuter Rail Connection.
- Three Mile Island and its aftermath.
- civil service technical employees' involvement in politics, pros and cons.
- sensationalism in editorial opinion on the worthiness of many publicly financed works.
- investigative reporters really are a rare breed.
- the pressures of accurate reporting versus time-deadline requirements, even the financial benefit to the City of the Phillies winning the Pennant and possibly World Series.
- the press' cooperation with — or indifference to — public relations committees of civil engineering groups, particularly in regard to public works agencies' appointments of officials; and publicizing the advocacies of engineers.

There were many others; and only the limitations of time restrained an almost interminable discussion of all the issues

members of the audience wished to bring to the floor.

Section President Joseph R. Syrnick, presiding over the first meeting of his 1980-1981 tenure, presented the Section's Certificates of Appreciation to the three panelists, and also gave them copies of the Phila. Section publication commemorating the ASCE National Bicentennial Convention hosted by the Section in 1976: "The History of Civil Engineering and Construction in the Delaware Valley."

This was an excellent and memorable meeting. The guest panelists, Moderator Pierce and President Syrnick are to be congratulated for arranging it.

**DRNEVITCH  
CITED BY SECTION**

**Ronald J. Drnevitch**, Director, National ASCE, District 4, was honored by the Phila. Section at its October 14, 1980 meeting. Ron, whose three-year term expired in October, 1980, was presented a beautiful bronze plaque by Chairman of Publications and Section Past President Sidney Robin, as a tribute to his dedicated service and wise counsel to the Section. The presentation was made after Mr. Drnevitch reported on National ASCE affairs of interest to the Section.

During his tenure as Director, Ron has strenuously exerted his efforts on the National Board to the particular needs of the Philadelphia Section and the District 4 Council over which he presides. (District 4 consists of the Central Pa. (600 members); Lehigh Valley (400); Philadelphia (1,250); and Pittsburgh (1,250) Sections — a total of more than 3,500 ASCE members). Mr. Drnevitch has contributed regularly to THE NEWS, updating the Phila. Section on National issues. (A profile of Mr. Drnevitch appeared in the April-May, 1978 issue of THE NEWS).

Ron's professional position is Chief of Transit Facilities Design, and a Partner, in the firm of Gannett Fleming Corddry and Carpenter, Inc., Harrisburg. His other affiliations, in addition to ASCE, include N.S.P.E., and the ad hoc Visiting Committee for E.C.P.D. accreditation. The Harrisburg Chapter, N.S.P.E. named him Young Engineer of the Year in 1973. He is a Past President of the Central Pennsylvania Section, ASCE.

The Philadelphia Section is grateful to Ron Drnevitch for his fruitful term, and is proud to honor him with the plaque award. We are sure that he will continue to be active in ASCE and District 4, and that he will forward a full portfolio of meaningful information

and advice to his successor, the Phila. Section's own Past President, **Chuck Pennoni**, who was sworn in as District 4 Director at the ASCE Annual Convention and Exhibition at Hollywood-by-the-Sea, Florida, on October 26, 1980.

**ASCE DUES BILL AND  
TECHNICAL GROUP DETAILS**

Section members will notice in the 1980 dues bill received recently from National ASCE Headquarters, that the PHILADELPHIA (SECTION) DUES is itemized as \$11.00. This amount includes a \$1 assessment for membership in one Phila. Section Technical Group of your choice. **If you choose to be a member of more than one Group, please add \$1.00 for each Group.**

Also, because National's bill did not list the Technical Groups to which your \$1.00 payments were to be applied, **you are requested to get in touch with the Chairmen of the Technical Groups of your preference**, so that their membership lists can be classified.

The appropriate individuals to contact are the following:

**Technical Group Liaison  
Dr. Bernard M. McNamee**

(Section Vice Pres.)

Dept. of Civil Engineering  
Drexel University  
Phila., PA 19104  
(215) 895-2369

**Construction Group  
Frederic Plotnick, Chairman**

803 Hillton Lane  
Elkins Park, PA 19117  
(215) 782-1246

**Geotechnical Group  
Dr. Ziyad I. Husami, Chairman**

Stone & Webster Engineering Corp.  
P.O. Box 5200  
Cherry Hill, NJ 08034  
(609) 482-3889

**Hydraulics and Sanitary Group  
Clyde Younkin, Chairman**

Greeley and Hanson  
1818 Market Street  
Phila., PA 19103  
(215) 563-3460

**Structural Group**

**Dr. S. Tauquir Zaidi, Chairman**  
Bechtel Power Corp.  
P.O. Box A  
Sanatoga, PA 19464  
(215) 327-1200, Ext. 284

**Transportation and Urban Development Group**

**Willard R. Whitbred, Jr., Chairman**  
c/o George Beetle Consulting  
Engineers  
1518 Walnut Street  
Phila., PA 19102  
(215) 546-7442

## MEMBERS IN THE NEWS

### Farrell Donates Classroom

Philadelphia Section Past President **Joseph R. Farrell, Jr.** donated the first of a series of classrooms on the third floor of the Towne Building, which are a part of the University of Pennsylvania's School of Engineering and Applied Sciences remodeling program. Mr. Farrell dedicated the classroom in memory of his father, Joseph R. Farrell, Sr., also a Past President of the Section. The renovation work was performed by the Joseph R. Farrell Company.

Faculty and students have already made the Farrell Classroom a favorite. Its appealing acoustical features, complete with carpeting and ceiling tile, and large desks make it a natural choice.

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### Wilson Gets Bridge Design Award

**Nathan D. Wilson**, of Yule, Jordan and Associates, Phila., is the winner of the 1980 Prize Bridges Award of the American Institute of Steel Construction. Mr. Wilson won the Elevated Highways or Viaducts category for his design of the Caddell Bridge over the Cheat River in Kingwood, Preston County, West Virginia.

The award was announced by Charles J. Murphy, Regional Engineer of the A.I.S.C. Arrangements are in process to have the award presented to Mr. Wilson by the National President of A.I.S.C. at a regular meeting of the Phila. Section, ASCE.

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### Lepore Wins Teaching Award

**Dr. John A. Lepore**, Associate Professor of Civil and Urban Engineering at the University of Pennsylvania, won the S. Reid Warren, Jr. Award for Distinguished Teaching. The award is presented annually by the undergraduate student body of the School of Engineering and Applied Science, and the U. of P. Engineering Alumni Society "for outstanding service stimulating and guiding the intellectual development of undergraduate students in the school."

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### Halloran Receives Medal

**Harry R. Halloran**, President and Chairman of Conduit & Foundation Corp., received the Engineers' Club of Philadelphia 1980 George Washington Medal at a recent ceremony at the Club. Mr. Halloran was cited for his accom-

plishments as an engineer and builder of public works, including his company's current major involvement in construction of the Center City Rail Commuter Tunnel.

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### Salvatorelli Receives Award

Section Past Director **Joseph J. Salvatorelli** was awarded the Water Pollution Control Association of Pennsylvania Haseltine Award in recognition of his outstanding accomplishments and contributions to the water pollution control industry and to the Association. The presentation was made at the Association's 52nd Annual Conference at Pennsylvania State University on August 7, 1980. Mr. Salvatorelli is a Senior Associate and Partner of Taylor, Wiseman and Taylor, Consulting Engineers, Mt. Laurel, N. J.

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### Wintz in Private Practice

**Joseph A. Wintz** has entered into private practice of Consulting Engineering, trading as Industrial Consultants, Inc., P.O. Box 2042, Jenkintown, PA 19046; Tel.: (215) 576-5789. The good wishes of his fellow Members of the Phila. Section are heartily extended to Joe.

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### Hudson Earns Doctorate

**Samuel T. Hudson**, President and Chairman of J. E. Breneman Construction Co., and Chairman of S. T. Hudson Engineers, Inc., Phila., was presented an Honorary Doctor of Laws Degree from Eastern College at its Spring commencement exercises in Philadelphia. Dr. Hudson was honored in recognition of his outstanding leadership in business and industry, and for his contributions in service to the community as a civic and religious leader.

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### Oster Retires

**Irwin L. Oster**, President of Betz-Converse-Murdoch, Inc., Consulting Engineers, Planners and Architects, Pittsburgh, PA, announces his retirement from the practice of engineering.

Irv and his wife **Bernice**, long an active member of the Section's Women's Auxiliary (she is a Past President), will reside in Hollywood, Florida.

The Phila. Section extends its best wishes for happiness and good health to the Osters in their new life.

## WOMEN'S AUXILIARY

### November Meeting

The November Luncheon-Meeting of the Phila. Section ASCE Women's Auxiliary will be a significant and important one. The ASCE Auxiliary will be host to a combined meeting of the Auxiliaries of A.S.M.E. and P.S.P.E.

Principal speaker will be **Judy Y. Longfield**, a Past Director and presently Membership Secretary of the Phila. Section, ASCE. Ms. Longfield was recently promoted to the position of Principal Engineer of the Environmental Systems Division of the nationally-known design and construction firm of Catalytic, Inc., Philadelphia, PA. Catalytic is participating in a major degree in the construction of the Center City Rail Commuter Tunnel. Ms. Longfield's appropriate topic will be: **Women in Engineering.**

All ASCE Auxiliary members and their guests are cordially invited to attend this meeting and all functions arranged and sponsored by the Women's Auxiliary. For reservations, please call **Mary Ellen, (Mrs. Warren) Van De Vort** — (215) 483-0714.

The wives of Phila. Section members are urged to enroll in the Women's Auxiliary, where they will be warmly welcomed. Membership can be obtained at the Luncheon meetings, or call Membership Secretary **Marie (Mrs. Kenneth) Zitomer** — (215) 548-5324.

## HELP WANTED

The Philadelphia Naval Shipyard needs engineers at large. Over thirty engineering positions are now available. Please forward a copy of your resume to: Jozsef L. de Kovacs, Executive Manager, The Engineers' Club of Philadelphia, 1317 Spruce St. Phila., PA 19107.

A Metallurgist is needed by Omark Ind., manufacturers of stud welding equipment and metal fasteners. Degree in metallurgy. An emphasis on physical metallurgy would be a plus. Please contact Annmarie Spahr, (609) 235-6900, ext. 276.

All engineering disciplines, including computer science, software engineers, and systems analysts. Contact Ted Robinson, Associate Technical Director, Montgomery Rand Co., 133 Heather Rd., Bala Cynwyd, PA 19004—(215) 667-6702.

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DID YOU PAY YOUR DUES?

### CALL FOR PAPERS ON ENVIRONMENTAL ENGINEERING CONFERENCE

The Environmental Engineering Division of the American Society of Civil Engineers is to sponsor the 1981 National Conference on Environmental Engineering in Atlanta, GA, at the Atlanta Marriott Hotel on July 8 - 10, 1981. Individuals wishing to make technical presentations at this conference are requested to submit abstracts in all topics associated with Environmental Engineering aspects of air, noise, radiation, solid waste, water pollution and water supply management and public health engineering. In addition, abstracts are requested in a number of specific areas including HAZARDOUS WASTES: Regulations, Characteristics, Management, Treatment, Disposal; SOLID WASTES: Facility Planning and Implementation, Leachate Management, Resource and Energy Recovery; WASTEWATER RECLAMATION AND REUSE; LAND TREATMENT: Wastewaters, Sludges; INDUSTRIAL WASTE PRETREATMENT; TOXIC SUBSTANCES in Wastewater: Fate, Treatment, Disposal; AIR QUALITY: Local and Regional Monitoring and Modelling; WATER SUPPLY AND TREATMENT: Impact of Acid Rain, Monitoring and Control of Trace Organic Compounds, Groundwater Contamination; STORM WATER RUNOFF: Management, Treatment.

Abstracts submitted in all areas should include the following information, title of paper; title, affiliation and address of author(s); name of presenter; indication if work will be printed or published prior to the Conference and where; date of completion of work. The text of an abstract should be approximately 500 words in length. Authors are encouraged to provide data in tabular or graphical form where applicable. Abstract selection will be based on abstract quality and organization; technical content; and originality and applicability of work. Abstracts should be submitted to F. Michael Saunders, Conference Chairman; 1981 National Conference on Environmental Engineering; School of Civil Engineering; Georgia Institute of Technology; Atlanta, GA 30332. Abstracts postmarked on or before November 21, 1980 will be accepted for review. Authors of abstracts selected for the conference will be notified in February 1981 and required to submit extended abstracts for publication in a Conference Proceedings.

### ATTEND MEETINGS!

### SOIL-CEMENT SEMINAR

"Soil-Cement for Energy and Water Resources" is the subject of a one-day seminar, **December 4, 1980** at George Washington University, Washington, DC. Cosponsored by the National Capital Section, ASCE, and the Portland Cement Association, the sessions are directed to those consulting engineers, contractors, laboratory testing personnel, and governmental officials involved in planning, design, and construction for energy and water resources projects.

Subjects discussed will include existing applications, physical properties of soil-cement, testing to determine optimum amount of cement to use with a given soil, durability, planning and design for soil-cement applications, cost estimating, construction methods, seepage control, and field inspection and control. There also will be a panel presentation of experience with soil-cement by representatives of Federal agencies.

For information on registration write or phone: Energy and Water Resources Department Portland Cement Association, 5420 Old Orchard Road, Skokie, IL 60077, Phone: (312) 966-6200.

### SOUTH JERSEY BRANCH

A reciprocal arrangement of meetings notices for the 1980-1981 season is being instituted between the South Jersey Branch of the New Jersey Section, and the Philadelphia Section, ASCE.

Listed below are the dates and topics of the South Jersey Branch meetings. More details will appear later in THE NEWS beginning in the December 1980 issue.

Tuesday, November 18, 1980

National President Joseph Ward  
**"The Civil Engineer in the Decision Making Process"**  
 Mama Ventura's Restaurant

Tuesday, January 20, 1981

Joint Meeting with NJSPE Chapters  
**"Aerial Photogrammetry"**  
 Woodbine Inn and Visit to Laboratory

Tuesday, March 17, 1981

**"Seminar on Concrete Slabs and Paving"**

Tuesday, April 14, 1981

**Awards Luncheon**

Saturday, April 25, 1981

Section Dinner Dance  
 Hosted by South Jersey Branch

Wednesday, May 13, 1981

Joint Meeting with SAME  
 Field Trip to Philadelphia Center City Rail Commuter Tunnel

### ICM CONSULTANTS, INC. SEEKS ENGINEERS

ICM Consultants is a management consulting and executive recruiting firm with clients throughout the United States.

Several **Project Engineers** for a rapidly growing client in the Philadelphia area are sought. The client, a major builder of hazardous waste treatment facilities for industry and public utilities, has needs for project engineers as a result of promotions of several members of its current staff. The position is responsible for coordinating all aspects of design and construction of company facilities to insure completion on time and within budget. Typical projects are in the \$10 million range. Wanted are individuals with degrees in civil, mechanical or chemical engineering who have had project experience involving multiple engineering disciplines. Preferably, candidates will have had responsibility for projects in excess of \$1 million relating to chemical processes, material handling, utility or heavy industrial construction.

Compensation will be in the \$28,000 - \$30,000 range and the company offers an excellent benefits program. The fee is paid by the company and they will pay relocation expenses for selected individuals.

If you have interest in discussing these "high visibility" positions on a confidential basis, please contact Kert Wood or John C. Biddle at (215) 783-0350. Or, if you know of anyone who might have interest, please suggest that they contact these individuals.

### PAST PRESIDENTS TO BE HONORED

At the luncheon meeting on November 12, 1980 the Phila. Section will bring together many of the Past Presidents who contributed countless hours over the years to build the Section into the active and thriving organization it is today. **Plan to attend and renew old acquaintances**

### ATTENTION - SECTION MEMBERS

If your job location, business or residential address for mailing is changed; or if you move out of the Philadelphia Section area jurisdiction; or if you do not receive Section mailings (THE NEWS, special notices, etc.), please notify Secretary **Albert M. Tantala**, c/o Tantala Associates, 4903 Frankford Ave., Phila., PA 19124 — Phone: (215) 289-4600.