Industry Items

Roy L. Peck Awarded PCI Medal of Honor

Roy L. Peck, recently retired Editor of *Modern Concrete* magazine, was presented the first PCI Medal of Honor Award by the Prestressed Concrete Institute at dinner ceremonies in Chicago, Illinois, December 6, 1972. (See p. 12).

"This newly established award is made only in recognition of contributons of the highest merit and greatest value to the Institute and the industry," said **Jack F. Hassell, Jr.,** Immediate Past President of PCI. "Mr. Peck has been a foremost advocate of the use of precast and prestressed concrete since its introduction to the United States, and his reporting of the industry's progress has done much to accelerate its growth to the annual volume of very close to one billion dollars."

Mr. Peck joined *Pit and Quarry Publications'* editorial staff in 1954, the year PCI was founded. He began his career as an engineer with the Illinois Department of Highways and later joined the staff of the Portland Cement Association. He worked in the construction field with a testing laboratory and as an equipment sales engineer before turning to writing on construction subjects.

He served with the Air Force in both World Wars, achieved the rank of "Ace," and was made a Lt. Colonel while with the Strategic Bombing Survey in World War II.

With *Modern Concrete* magazine Mr. Peck traveled extensively, visiting plants producing precast and prestressed concrete and became most highly regarded for his frank, honest, and perceptive reporting.

ENR Names its Men of Year

In its January 4, 1973, issue, *Engineering News-Record* named its "Men who made marks in the construction industry in 1972." Among the distinguished men were Vincent DeSimone and James Chaplin, who cut costs in Miami's tallest (40 story) hurricane-designed building using Vierendeels and a *prestressed concrete flooring system* normally used only in low-rise buildings.

Weisinger-Holland Announces Staff Changes

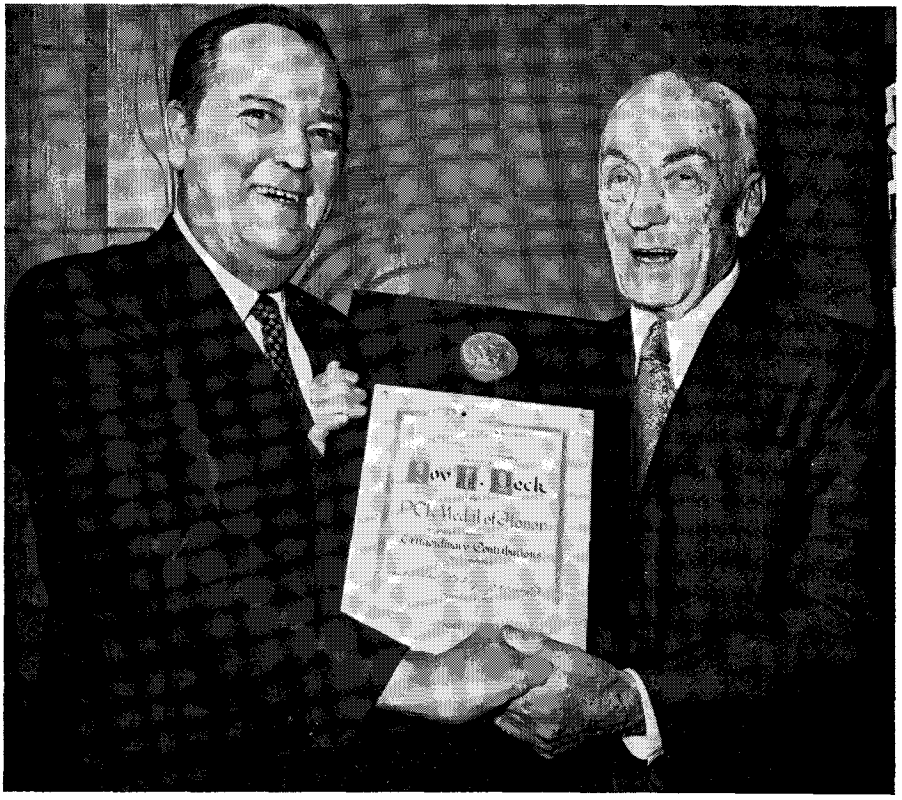
Weisinger-Holland Ltd., Structural Engineers, of Chicago, Illinois, announced that Laurence E. Svab, formerly an associate, has joined Frederick P. Weisinger, Eugene P. Holland, Robert H. Beer and C. Gregory Veith as a principal of the firm. Howard C. Graff, formerly a project engineer, has been elected an associate.

United Precasting Corporation Expands Operations

The United Precasting Corporation, a Buena, New Jersey-based producer of precast and prestressed concrete materials is expanding its operations.

Edward P. DiMingo has been named director of communications and Richard N. Mensch has been appointed controller of the company.

United Precasting specializes in the manufacture of precast and prestressed double-T, flat and hollow-core floor slabs, roof slabs and wall panels as well as structural framing components. The company markets its products throughout New York, New Jersey, Pennsylvania, Delaware, Maryland and Washington, D.C.



Roy L. Peck *(right), recently retired Editor of Modern Concrete magazine, accepting the first PCI Medal of Honor Award from PCI Immediate Past President* **Jack F. Hassell, Jr.** *Mr. Peck received this honor for "extraordinary contributions" to the precast and prestressed concrete industry. His frank, honest, and perceptive reporting of the industry's progress since 1954 was regarded as a major force in accelerating the use of precast and prestressed concrete which will exceed the annual sales volume of one billion dollars in 1973.* *(For story see p. 100.)*

Olympian Stone to Supply Precast Units for Armory

Olympian Stone Co., Inc., of Redmond, Washington, will start delivery of precast and prestressed concrete materials in January 1973 for the new Seattle National Guard Armory.

The new armory is located on a 24-acre site near West Lawton Way and 15th Avenue West. The new faculty replaces the former armory at Seattle Center which is now occupied by the Food Circus.

The structure will use a 10 ft wide prestressed double tee for its floor and roof structure. This is the first time a 10 ft double tee has been used in this area and takes advantage of its load and span capabilities. There are approximately 134,000 sq ft of double tees which comprise 443 individual pieces. The heaviest individual piece

will weigh approximately 51,000 lb. The building also contains architectural precast concrete facia.

The architect for the project is Clayton & Jean Young and the structural engineer is Charles Kitchin. The general contractor is David A. Mowat Construction Company.

Pre Cast Concrete to Manufacture Fireplace Units

Pre Cast Concrete Co., Inc., Fairfield, New Jersey, a leading producer of precast concrete architectural panels and structural systems, will start manufacturing and distributing "Superstak" precast concrete fireplace units.

The "Superstak" system permits the production of residential fireplaces, consisting of chimney and firebox, as single units, at a considerable savings in both cost and time over conventional brick and mortar construction.

Wilson's Precast System

The Ramada Inn in Omaha, Nebraska, was recently topped out, marking completion of the basic building structure. The new building is the third major structure in Omaha to use the "systems building" technique developed and manufactured by Wilson Concrete Co.

The nine-story Ramada Inn is constructed using a precast concrete panel system. All party walls between adjacent guestrooms, plus the corridor walls, are precast—as are the floors. The wall panels were cast at the plant in a battery mold. This forming equipment provides a set of vertical steel cells producing a wall product with a hard smooth surface on both wall faces. Walls are 6 in. thick and can be produced in lengths up to 40 ft. Cast integrally with the wall components are special electrical subassemblies.

New Prestressing Firm

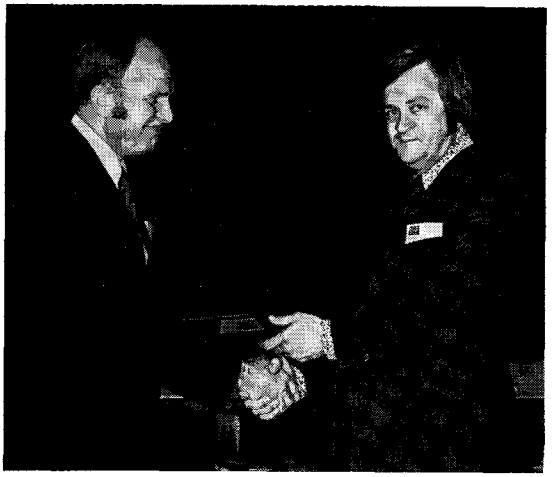
Organization of a new corporation to be known as Pacific Prestressed Products Inc. has been announced. The new corporation will be a wholly-owned subsidiary of California Portland Cement Corp. and will operate at present in Northern and Southern California, including a new expansion into the San Diego market.

Spancrete of California will be one of the divisions of the new corporation. This company now has plants at Fremont in the Bay Area and at Irwindale in the greater Los Angeles area.

Swiss Make Precast Shells

The latest development from Switzerland is a precast, pretensioned, hollow concrete shell that functions as a standard bridge or roofing beam. The units, which have a flat upper surface to support the bridge deck or roofing elements, are intended for heavy loads and wide spans. Other advantages are maximum exploitation of materials and simplicity of transportation and erection. In use, the hollow space within the shell accommodates mechanical, electrical or other services. The shells are produced to a standard 10-ft width and up to 131-ft lengths.

The production procedure is designed to minimize site working. Thus, all prestressing is completed within the precasting mold. The 131 ft maximum length was decided by transport limitations. The same mold is used for all lengths. For example, two 65-ft spans can be precast instead of one 131-ft span. Molds are steel; casting is done on the slipform principle, the inner section being winched over the mold length. Depth varies between 43 and 59 in. according to load requirements. Of this depth, only the bottom 35 in. actually has a shell profile. The base of the shell is flattened internally and var-



William C. Arons *(right), Associate, Carl Walker & Associates, Inc., accepting the "Young Engineer Award" for 1972 from Professor* **Walter Johnson,** *president of the Northwestern Section of ASCE.*

ies in thickness according to the required prestressing. Wall thickness of the shell portion varies between 2¼ and 3⅛ in. Thickness of the upper slab is 2 in.

End blocks can be produced to special requirements if necessary. Standard mesh reinforcement is used without any preforming or other treatment. The shells can be stripped from the mold after 12 hours for immediate transport to site.

PCA Offers Industry Seminars

Two seminars tailored for the cement and concrete industries will be offered during the early part of 1973 at the Portland Cement Association's Cement and Concrete Center in Skokie, Illinois. The seminars, part of PCA's continuing education program, are: "Advanced Concrete Technology," February 12-16, 1973; and "Concrete for Field Supervisors," February 26-March 2, 1973.

The registration fee for each seminar is $250. For more information on the PCA programs contact: Roger E. Wilson, Manager, Construction and Technology Education, Portland Cement Association, Old Orchard Road, Skokie, Illinois 60076.

Arons Receives ASCE Award

PCI member **William C. Arons,** Associate, Carl Walker & Associates, Inc., Minneapolis, Minnesota, received the "Young Engineer of the Year Award" for 1972 from the Northwestern Section of the American Society of Civil Engineers on November 9, 1972. The award was presented by Professor **Walter Johnson** of the University of Minnesota who is the president of the Northwestern Section of ASCE. Mr. Arons was selected by a nominating committee of the organization for his contribution to the engineering profession in the advancement and practical applications of prestressed, precast concrete building systems, and for engineering planning and design of multi-level parking structures.

Carl Walker & Associates is specialized in the design of multi-level parking structures and structural engineering solutions to building projects which use precast concrete building systems and post-tensioned concrete building systems. The Minneapolis firm has a professional staff of eight. The firm also has offices in Kalamazoo and Detroit, Michigan; and Chicago, Illinois.

Leap Associates Plans Conference on Prestressed Concrete

Leap Associates, Inc., of Lakeland, Florida, will hold its 1973 conference on prestressed concrete in Orlando, Florida, March 3-7, 1973. This year's conference features high-rise construction using precast walls and pretensioned floor and roof decks. The conference will cover all phases of load-bearing, high-rise construction, including computer design, wind loadings, connections, production techniques, and various cross sections being used by the industry. For more information call (813) 686-7141, or write Leap Associates, Inc., P.O. Box 1053, Lakeland, Florida 33802.

Profits Are Society's Scorekeepers

What good are profits, anyway? That's an interesting question and one that's quite controversial today. One answer comes from Dr. Carl Madden, chief economist of the Chamber of Commerce of the United States:

"Uncomfortable as such a delicate question may be, it's about time to ask it. Profits are about as badly misunderstood and universally sought as happiness in marriage."

"In plain English, profits—the whole system of profit—is a score-keeping device for society. Profits tell society what goods and services to produce more of, and the ones to produce less of.

"Whatever the motive of the profit seeker, the *social function* of profits is to tell society which goods and services are adjudged by people in markets to have a social value worth the resources used to organize their production.

"If markets are competitive, then profits attract more producers, as honey draws flies. The Soviet Union had to reinvent profits as soon as it allowed any consumer choice."

PCI Membership Directory Now Available

The 1973 PCI Membership Directory is now off the presses. Complimentary copies of the Directory will be sent to each PCI member. PCI members can purchase additional copies of the Directory at $1.00 per copy. Nonmembers can obtain the Directory at $10.00 per copy.

Information Wanted on Bibliography of Deflections

ACI Committee 435, Deflections of Concrete Building Structures, is compiling a bibliography on the literature and test data related to deflection measurements on reinforced and prestressed concrete structures with the intention of publishing it as an ACI monograph—"Annotated Bibliography on Deflection of Concrete Structures." Readers who have such information are asked to send information on recent works in this area, particularly unpublished theses or reports, to the Committee. All information used in this bibliography will be properly acknowledged. Please send material to:

Dr. Gajanan M. Sabnis
Secretary, ACI Committee 435
Bechtel Corporation
P.O. Box 607
Gaithersburg, Maryland 20760

Call for Papers— Symposium on Deflections

ACI Committee 435, Deflection of Structures, will hold a symposium on deflection of reinforced prestressed concrete structures in San Francisco, during the ACI Annual Convention, March 30-April 5, 1974.

The object of the symposium is to present papers on methods to evaluate the deflections of concrete structures and to discuss their significance in practice and design citeria. Papers are in-

vited on field studies, design methods, and research.

Prospective authors are invited to submit an abstract of 200-300 words no later than April 1, 1973. All papers offered will be carefully reviewed and the selected authors will be notified by June 1, 1973, to submit the final manuscript by September 1, 1973. Submit abstract or completed manuscript for review to:

Dr. B. L. Meyers, Chairman
ACI Committee 435, Deflections
Department of Civil Engineering
University of Iowa
Iowa City, Iowa 52240

Call for Papers— Industrial Concrete Buildings

Papers are invited for presentation at two symposium sessions on industrial concrete buildings to be held in Ottawa, Ontario, Canada, during the ACI Fall Convention October 6-12, 1973; and in San Francisco, California, during the ACI Annual Convention March 30-April 5, 1974. Both sessions are sponsored by ACI Committee 356, Industrialized Concrete Construction.

Papers are invited dealing with the following topics: (1) codes and specifications, their coverage, reliance, applicability, and shortcomings; (2) the design process; (3) construction and assembly; (4) loads and safety; (5) current research and development.

Prospective authors are invited to submit an abstract of 200-300 words before April 1, 1973. For the Ottawa meeting, final manusript will be required before August 1, 1973. For the San Francisco meeting, final manuscript will be required before October 1, 1973. Submit abstract or completed manuscripts to:

Kenneth D. Cummins, Chairman
ACI Committee 356, Industrialized Concrete Construction
c/o Testing Engineers and Consultants, Inc.
1333 Rochester Rd
Troy, Michigan 48084

Nuclear Reactor Conference

The second international conference on "Structural Mechanics in Reactor Technology" will be held in Berlin, Germany, September 10-14, 1973. A call for papers has been issued. Among the categories being considered for presentation is the "structural analysis of prestressed concrete reactor pressure vessels."

Proposed papers and all other inquiries should be addressed to:

Dr. Thomas A. Jaeger
Conference Secretariat
Structural Mechanics in Reactor Technology
% Bundesanstalt fur Materialprufing (BAM)
Under den Eichen 87
1 Berlin (West 45
Germany

World Conference on Earthquake Engineering

The International Association for Earthquake Engineering announced that the Fifth World Conference in Earthquake Engineering will be held in Rome, Italy, June 25-29, 1973. The official language will be English. For inquiries write to: Technical Committee-5WCEE, Earthquake Engineering Research Laboratory, Mail Code 104-44, California Institute of Technology, Pasadena, Cal. 91109.