SEAOI SEMINAR: MASONRY

October 19, 2010

Empirical Design History and Limitations - Empirical rules of thumb for the design of masonry structures have existed for centuries. The basis for modern empirical design of masonry is a 1944 document published by the National Bureau of Standards. Limitations of empirical design will be discussed, and the differences resulting from empirical and rational design will be shown. Finally, examples of accidental misuse will be illustrated.

Masonry Connections, Joints, Construction and Workmanship - This part of the session provides an overview of masonry connections and joints, with a discussion of building code requirements, and good and bad implementation. Construction and workmanship will be discussed, with many examples of good and bad construction practices illustrated.

Analysis and Repair of Deteriorated Masonry - Deterioration problems are common in older masonry and occasionally in new masonry structures. This presentation provides an overview of the most common causes of deterioration problems affecting masonry structures. For each of the issues discussed, typical repair and maintenance techniques are presented to correct existing problems and reduce the rate of future deterioration.

Hot/Cold Weather Masonry Construction: How to avoid problems - Special precautions are needed when constructing masonry during hot and cold weather to avoid problems that can adversely affect the quality of the work and future performance. This presentation will discuss what precautions are needed minimize the risk of problems occurring during hot and cold weather construction

Norbert Krogstad is a Principal at the consulting engineering firm of Wiss, Janney, Elstner Associates Inc. The majority of his projects involve issues in masonry systems or issues related to condensation, water leakage or other moisture intrusion problems in exterior wall assemblies. **Ernest Rogalla** is a Licensed Structural Engineer and an Associate Principal with Wiss, Janney, Elstner Associates Inc. He has investigated many failures and collapses including structures in construction and in service. Mr. Rogalla is also involved in design for repair, restoration and construction of structures. Mr. Rogalla is a member of ACI and a member of several ACI committees. He has published papers on structural investigations, repairs, and concrete performance.

This workshop will provide 7.5 hours of continuing education. Registration and a continental breakfast begin at 7:30 am. Reservations are required and may be made by calling the **SEAOI** office at (312) 726-4165 by 12:00 p.m. on Friday, October 15, 2010. Attendance at the full session is required for continuing education credit. Lunch is included.

Registration Form

Masonry Seminar
8 am to 5 pm
October 19, 2010

Available via the Web! Check the box for Web access ☐

MAIL FORM AND PAYMENT TO:
SEAOI
134 N. LaSalle St., Ste. 1910
Chicago, IL 60602
Or fax your registration form to:
312.726.4166

Cancellation Fee by Oct. 12: $50
No Refunds after Oct. 12

Name | E-Mail Address | Daytime Phone

Company Name | Cell Phone

Mailing Address | Yes No SEAOI Member?

City / State / Zip

☐ Charge to Credit Card ☐ Check Enclosed (payable to SEAOI)

This course provides 7.5 hours of continuing education

☐ MC ☐ Visa | Exp. Date | Amount Enclosed

Signature

Seminar Location:	Seminar Fee:	By Oct. 12	After Oct. 12
UBS Tower, Michigan I Room 1 N. Wacker, 2nd floor Chicago, IL 60606	SEAOI Members:	$300	$375
	Non-Members:	$400	$475