Seismic Assessment of the Washington Monument and the Washington National Cathedral

ASCE DELAWARE SECTION

WHEN: THURSDAY, JUNE 7, 2012

TIME: 6:00PM

WHERE: IRON HILL RESTAURANT
(ON THE WILMINGTON RIVERFRONT)

COST: $30.00/PERSON

PDH: ATTENDEES EARN 1.0 PDH'S

RSVP: DUE BY JUNE 1, 2012
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ABSTRACT:

Following one of the largest earthquakes to affect the east coast, and the most widely-felt earthquake in U.S. history, Wiss, Janney, Elstner Associates, Inc. (WJE) was asked to evaluate the impact of potential interior and exterior seismic damage on the structure and operations of the Washington Monument and Washington National Cathedral in Washington, DC. Tasks performed by WJE ranged from the initial emergency response and make-safe operations, to development of repair designs and the evaluation of potential seismic upgrades.

LEARNING OBJECTIVES:

- What initial steps are critical to perform on a monumental structure following a natural disaster
- What items are important to review during the initial assessment
- What types of access are available, appropriate, and potentially warranted for Unique and Historically Significant Structures
- How to best assist an owner of an irreplaceable building asset with recovery from a natural disaster

PRESENTER:

Erik Sohn, PE is an Architectural Engineer who has worked for Wiss, Janney, Elstner Associates, Inc. in the Washington DC for over 10 years. He has extensive experience in the forensic investigation of building enclosure failures. Erik is on a team of engineers and architects at WJE that utilizes industrial rope access techniques to survey the exterior, and interiors, of buildings throughout the country. Most recently, and notably, Erik surveyed the exterior of the Washington Monument and the Washington National Cathedral via rope access techniques to survey the structures for damage due to the M5.8 earthquake on August 23, 2011.