

**PRELIMINARY NOTIFICATION- REGION III**  
**June 8, 2011**

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-III-11-007

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region III staff on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Braidwood Units 1 and 2	<input checked="" type="checkbox"/> Notification of Unusual Event
Exelon Generation Company, LLC	<input type="checkbox"/> Alert
35100 S. Route 53	<input type="checkbox"/> Site Area Emergency
Braceville, IL	<input type="checkbox"/> General Emergency
Dockets: 50-456; 50-457	<input type="checkbox"/> Not Applicable

SUBJECT: BRAIDWOOD DECLARES NOTICE OF UNUSUAL EVENT DUE TO POTENTIAL DAMAGE TO AUXILIARY FEEDWATER PUMPS

DESCRIPTION: At 10:26 a.m. (CDT) on June 8, 2011, the licensee declared a Notice of Unusual Event due to potential damage to safety-related equipment after a leak was identified during a maintenance activity. The Notice of Unusual Event was terminated at 11:22 a.m. after the leak was isolated.

The plant is in a stable condition. Both units remained operating at full power. No injuries occurred as a result of the event.

When plant personnel were performing a routine flush of the essential service water system, a hose used for the flushing split. The leak was isolated within a minute. When the hose split, water sprayed in the vicinity of two motor-driven auxiliary feedwater (AFW) pumps, affecting both units. Two diesel-driven AFW pumps remain available to fulfill the safety function for both units.

The licensee is in the process of determining if any equipment was damaged and investigating the cause further.

Regional staff and resident inspectors closely followed the event from the RIII Incident Response Center until the leak was isolated and the scope of the equipment potentially damaged was understood. The resident inspectors will conduct follow-up inspections.

The State of Illinois was notified. The information in this preliminary notification has been reviewed with licensee management.

This information is current as of 2:00 p.m. CDT on June 8, 2011.

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**Adams ML Number: ML111590796**