

## PRELIMINARY NOTIFICATION – REGION III

November 3, 2009

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE –  
PNO-III-09-012A

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.

### Facility

Perry Nuclear Power Plant  
FirstEnergy Nuclear Operating Co.  
Perry, Ohio  
Docket: 50-440  
License: NPF-58

### Licensee Emergency Classification

Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

SUBJECT: MANUAL REACTOR SCRAM DURING PLANNED SHUTDOWN (UPDATE)

### DESCRIPTION:

On November 3, 2009, the Perry Nuclear Power Plant resumed operation after a maintenance outage, that started on October 16, 2009, to investigate the failure of the 'B' emergency service water (ESW) pump. The ESW pumps provide cooling water to safety related equipment to enable the equipment to perform their safety functions.

The licensee replaced a faulted section of buried power cable for the 'B' ESW pump between the control building and the ESW pump house. In addition, the licensee tested similar cables between the control building and the ESW pump house and verified that similar cable faults did not exist. The reactor was made critical at 10:55 p.m. (EST) on November 1, 2009, the main generator was synchronized to the grid at 1:00 a.m. (EST) on November 3, 2009, and the facility is currently at 30 percent power.

The resident inspector observed portions of the licensee's actions to return the facility to operations.

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

This information is current as of 6:15 a.m. (CST) on November 3, 2009.

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