

PRELIMINARY NOTIFICATION

July 2, 2013

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-13-006

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. Some of the information may not yet be fully verified or evaluated and is basically all that is known by the Region III staff on this date.

Facility

Davis-Besse Nuclear Power Station
First Energy Nuclear Operating Company
Oak Harbor, Ohio
Docket: 50-346

Licensee Emergency Classification

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

SUBJECT: DAVIS-BESSE UNPLANNED SHUTDOWN GREATER THAN 72 HOURS ON JUNE 29, 2013, DUE TO TRIP OF REACTOR COOLANT PUMP AND SUBSEQUENT DISCOVERY OF REACTOR PRESSURE BOUNDARY LEAKAGE

On June 29, 2013, at approximately 9:20 p.m. Eastern Daylight Savings Time, Davis-Besse Nuclear Power Station experienced a trip of one of four reactor coolant pumps due to an electrical fault. The loss of the pump resulted in the reactor tripping off line. All primary reactor systems responded as expected following the reactor trip. Plant operators subsequently placed the reactor in Mode 3 – Hot Standby. The Resident Inspectors responded to the site on Saturday night, determined that the reactor trip was uncomplicated and have provided site coverage since.

Station personnel continue to investigate the cause of the electrical fault on the reactor coolant pump. The initial investigation also identified a small leak in a 3/4-inch pipe coming off the same reactor coolant pump. The leak constituted reactor pressure boundary leakage and reactor operators placed the reactor in Mode 5 – Cold Shutdown, as required by plant Technical Specifications. The Resident Inspectors continue to monitor the Station's investigations into the causes of the reactor coolant pump electrical fault and the reactor pressure boundary leakage, and the planned repairs of both issues.

The State of Ohio has been informed.

This preliminary notification is issued for information only.

Region III received initial notification of this occurrence by a telephone call from the licensee at 22:53 (EST) on June 29, 2013 (refer to Event Notification No. 49159). The information presented herein has been discussed with the licensee, and is current as of 8:30 am Central Daylight Savings Time, July 2, 2013.

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