

PRELIMINARY NOTIFICATION – REGION III

September 23, 2016

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE–PNO-III-16-004A

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 by the Region III staff.

Facility

Davis-Besse Nuclear Power Station
FirstEnergy Nuclear Operating Co.
Oak Harbor, OH
Docket: 50–346
License: NPF–3

Licensee Emergency Classification

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

SUBJECT: UNPLANNED SHUTDOWN OF DAVIS-BESSE NUCLEAR POWER STATION FOR GREATER THAN 72 HOURS - UPDATE

On September 10, 2016, the Davis-Besse Nuclear Power Station automatically shut down due to an electrical issue with the main generator. The cause of the electrical issue was the water intrusion into associated electrical components due to heavy rainfall from storms that passed through the area. There was also an unexpected issue with high water level on one of the two steam generators.

The main generator is used by the plant to generate electricity using steam from the nuclear reactor. When an unexpected problem occurs affecting the operation of the main generator, the reactor automatically shuts down to prevent damage to plant components.

During the plant shutdown high water level was experienced on one steam generator. Plant operators responded to this issue and returned water level to the normal band. Several components within the system for steam generator level control were replaced and the system satisfactorily tested prior to unit restart.

The plant is currently in Mode 1 (Power Operation) at or near 100 percent power and stable. NRC inspectors continued to follow the licensee’s investigation regarding the main generator trip and steam generator level issues. The NRC continues to review the licensee’s actions associated with these issues. There was no impact to public health from this event.

This preliminary notification is issued for information only. Ohio state officials have been informed.

The information presented herein has been discussed with the licensee, and is current as of 8:30 a.m. EDT, on September 23, 2016.

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