

Date: January 29, 2015

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-I-15-001

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 I staff.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Entergy Nuclear Operations, Inc.	<input type="checkbox"/> Notification of Unusual Event
Pilgrim Nuclear Power Station	<input type="checkbox"/> Alert
Plymouth, MA	<input type="checkbox"/> Site Area Emergency
Docket No. 50-293	<input type="checkbox"/> General Emergency
License No. DPR-35	<input checked="" type="checkbox"/> Not Applicable

SUBJECT: PILGRIM NUCLEAR POWER STATION: SHUTDOWN GREATER THAN 72 HOURS DUE TO REACTOR SCRAM FOLLOWING A PARTIAL LOSS OF OFFSITE POWER

On January 27, 2015, Pilgrim Nuclear Power Station experienced an automatic scram following a turbine trip due to a partial loss of offsite power. The station was experiencing high winds and heavy snowfall during a severe winter storm when the station began experiencing degrading switchyard conditions. The station had already transferred the emergency busses onto their respective emergency diesel generators and was downpowering to 20% power to take the turbine offline. At 4:02 a.m. with the reactor at 52% power, the second offsite line was lost and the station experienced a load reject.

The station experienced equipment issues while cooling down after the scram including: the station diesel air compressor failed to start, one of four safety relief valves could not be operated manually from the control room, and high pressure coolant injection had to be secured due to failure of the gland seal motor.

The station is currently in cold shutdown, the safety buses are being powered by their respective emergency diesel generators, and all safety-related equipment required for safe plant shutdown are available. The licensee is working on restoring their 345kV lines.

Resident inspectors and region-based inspectors are providing oversight and performing follow-up inspections.

This preliminary notification is issued for information only.

The information presented herein has been discussed with the licensee and is current as of 1:00 p.m. on January 29, 2015. Commonwealth of Massachusetts officials have been kept informed.

ADAMS Accession Number: ML15029A433

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 Pilgrim Nuclear Power Station

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