

DCS No.: 05000410  
Date: August 9, 2011

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-I-11-003

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. Some of the information received may not yet be fully verified or evaluated by the Region Staff.

Facility

Constellation Energy Nuclear Group, LLC  
Nine Mile Point Unit 2  
Lycoming, NY  
Docket: 50-410

Licensee Emergency Classification

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

SUBJECT: NINE MILE POINT UNIT 2 NOTIFICATION OF UNUSUAL EVENT DUE TO REACTOR COOLANT SYSTEM LEAK GREATER THAN 10 GPM AND PLANT SHUTDOWN GREATER THAN THREE DAYS

On August 6, 2011, at 3:22 a.m., operators at Nine Mile Point Unit 2 declared an Unusual Event due to unidentified reactor coolant system (drywell) leakage greater than 10 gpm. Operators had identified increasing drywell floor drain leakage a few hours earlier. Unidentified reactor coolant system leakage reached a maximum of 11.3 gpm. At 3:45 a.m., a plant shutdown was initiated in accordance with Technical Specifications for leakage greater than 5 gpm, and Hot Shutdown was achieved at 9:41 a.m. Following a drywell entry, the cause of the rise in leakage was determined to be from the 'A' recirculation pump discharge isolation valve packing. The plant was taken to Cold Shutdown on August 8 at 12:30 a.m. to complete repairs to the valve. The leakage was collected in the drywell sump.

Plant management exited the Unusual Event on August 6 at 11:27 a.m., based on reduced leakage and stable drywell parameters. No safety-related systems were affected by the increase in leakage, and plant response during the shutdown was as expected. Operator response to the event was in accordance with procedures.

The NRC Resident Inspectors responded to the site to monitor this event. The NRC will continue to evaluate the event, including following repair activities.

The information presented herein has been discussed with Nine Mile Point management and is current as of August 9, 2011, at 12:00 p.m.

State and local officials have been informed.

Region I Public Affairs is prepared to respond to media inquiries.

ADAMS Accession Number: ML112211980

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**SUNSI Review Complete: GTD (Reviewer's Initials)**

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