

October 22, 2012

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-II-12-004A

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 II staff (Atlanta, GA)

Facility

Virginia Electric Power Company (VEPCO)
North Anna Unit 2
Mineral, VA
Docket: 50-339

Licensee Emergency Classification

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

SUBJECT: **UPDATE** - SHUTDOWN GREATER THAN 72 HOURS DUE TO DECREASED UNIT 2 'A' REACTOR COOLANT PUMP (RCP) #1 SEAL LEAKOFF FLOW

On October 19, 2012, the licensee commenced a reactor startup following a reactor shutdown on October 7, 2012, to repair the Unit 2 'A' and 'C' RCP seals. The licensee's initial review indicates that the seals degraded due to accumulation of a small amount of foreign material. The material has been collected and sent offsite for further analysis. The resident inspectors closely monitored the licensee's activities, including plant startup. This preliminary notification supplements information in PNO-II-12-004 (see below).

Late on October 7, 2012, the licensee commenced a controlled down-power of North Anna Unit 2 to repair the seal package on the 'A' RCP. The licensee noted that the Unit 2 'A' RCP number 1 seal leakoff flow had steadily decreased since August 2012, which is an indication that the seal was degrading. While the unit was shutdown, the licensee also replaced the seal package on 'C' RCP which had also shown some signs of degradation.

This preliminary notification is issued for information only. The Commonwealth of Virginia has been notified.

The information herein has been discussed with the licensee, and is current as of 8:00 a.m. on October 22, 2012.

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