

## PRELIMINARY NOTIFICATION – REGION III

February 11, 2015

### PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-15-002

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

Dresden, Unit 2  
Exelon Generation Co.  
Morris, IL  
Docket: 50-237  
License: DPR-19

#### Licensee Emergency Classification

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

### **SUBJECT: DRESDEN UNIT 2 SHUTDOWN DUE TO LOSS OF FEEDWATER LEVEL CONTROL**

On February 6, 2015, Dresden, Unit 2 experienced a failure of a feedwater level controller during a maintenance activity. The loss of the controller resulted in fluctuations in the reactor vessel level and caused an automatic reactor scram due to low water level. The feedwater level controller controls the level of the water in the reactor vessel during normal operations. All primary reactor systems responded as expected following the reactor scram. Plant operators subsequently placed the reactor in Mode 4 – Cold Shutdown.

The NRC Resident Inspectors were onsite at the time of the reactor scram and responded to the control room upon notification and monitored the licensee's response to plant conditions, including their efforts to troubleshoot the loss of the feedwater level controller. The loss of the controller was due to a loose wire connection.

There were no unplanned releases of radioactive material from Dresden, Unit 2 due to this event, and no significant issues or complications were identified during the scram and subsequent shutdown.

The licensee completed repairs to the feedwater level controller, performed testing and then restarted the unit. Plant operators began restart of the reactor at 05:46 a.m. (CST) Wednesday, February 11, 2015. NRC Resident Inspectors observed the licensee's restart activities.

This preliminary notification is issued for information only and no further action by the staff is anticipated.

Region III received initial notification of this occurrence by the NRC Resident Inspectors. The information presented herein has been discussed with the licensee, and is current as of 10:00 a.m. (CST), on February 11, 2015.

The State of Illinois has been informed.

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