



Order No. EA-12-050

RS-12-182
RA-12-110

October 25, 2012

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Dresden Nuclear Power Station, Units 2 and 3
Renewed Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-237 and 50-249

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Limerick Generating Station, Units 1 and 2
Facility Operating License Nos. NPF-39 and NPF-85
NRC Docket Nos. 50-352 and 50-353

Oyster Creek Nuclear Generating Station, Unit 1
Renewed Facility Operating License No. DPR-16
NRC Docket No. 50-219

Peach Bottom Atomic Power Station, Units 2 and 3
Renewed Facility Operating License Nos. DPR-44 and DPR-56
NRC Docket Nos. 50-277 and 50-278

Quad Cities Nuclear Power Station, Units 1 and 2
Renewed Facility Operating License Nos. DPR-29 and DPR-30
NRC Docket Nos. 50-254 and 50-265

Subject: Exelon Generation Company, LLC's Initial Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Hardened Containment Vents (Order Number EA-12-050)

References:

1. NRC Order Number EA-12-050, Order Modifying Licenses With Regard to Reliable Hardened Containment Vents
2. NRC Interim Staff Guidance JLD-ISG-2012-02, Compliance with Order EA-12-050, Reliable Hardened Containment Vents, Revision 0, dated August 29, 2012

On March 12, 2012, the Nuclear Regulatory Commission (“NRC” or “Commission”) issued an order (Reference 1) to Exelon Generation Company, LLC (Exelon). Reference 1 was immediately effective and directs Exelon to have a reliable hardened vent (RHV) to remove decay heat and maintain control of containment pressure within acceptable limits following events that result in the loss of active containment heat removal capability or prolonged station blackout (SBO). Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 30, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms Exelon has received Reference 2 and is in the process of evaluating the guidance for the purpose of having a reliable hardened vent to remove decay heat and maintain control of containment pressure within acceptable limits following events that result in the loss of active containment heat removal capability or prolonged station blackout (SBO) as described in Attachment 2 of Reference 1.

Reference 2, Section 4.0 contains the specific reporting requirements for the initial status report. The following information provides the status pursuant to Section 4.0 of Reference 2.

Major activities completed during this reporting period:

- Resources have been identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.
- Exelon developed a conceptual design for adding a Hardened Containment Venting System (HCVS) to the LaSalle and Limerick Stations. These units have a Mark II containment and neither has an existing hardened vent path. Exelon has drafted a Request for Proposal (RFP) to perform the detailed design to add a HCVS to each unit that will meet the staff positions of Reference 2.
- Exelon completed the review of the existing hardened vents at each of its Mark I units installed in response to Generic Letter 89-16 against the requirements of Reference 1 and identified all gaps. Exelon subsequently prepared a RFP to develop the conceptual design for the required upgrades to these Mark I units (Dresden Units 2 & 3, Oyster Creek Unit 1, Peach Bottom Units 2 & 3, and Quad Cities Units 1 & 2). The RFP requirements reflect the staff positions of Reference 2. The conceptual design is in progress.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan.
- Receipt and evaluation of the bids for the Mark II detailed design effort and selection of the Architect-Engineer (A/E) to perform the work.
- The conceptual design for the modifications to the Mark I units will be completed which will be followed by the A/E selection and award process for performing the detailed design for the Mark I modifications.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time.

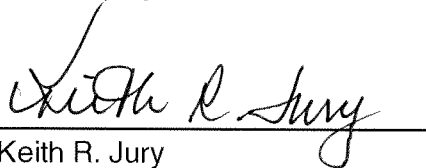
Project milestones schedule through completion of installation and testing:

- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for Dresden Unit 2 prior to startup from RFO D2R24 (Fall 2015).
- Implementation of the order will be completed for Dresden Unit 3 prior to startup from RFO D3R24 (Fall 2016).
- Implementation of the order will be completed for LaSalle Unit 1 prior to startup from RFO L1R16 (Spring 2016).
- Implementation of the order will be completed for LaSalle Unit 2 prior to startup from RFO L2R15 (Spring 2015).
- Implementation of the order will be completed for Limerick Unit 1 prior to startup from RFO Li1R16 (Spring 2016).
- Implementation of the order will be completed for Limerick Unit 2 prior to startup from RFO Li2R13 (Spring 2015).
- Implementation of the order will be completed for Oyster Creek Unit 1 prior to startup from RFO OC1R26 (Fall 2016).
- Implementation of the order will be completed for Peach Bottom Unit 2 prior to startup from RFO P2R21 (Fall 2016).
- Implementation of the order will be completed for Peach Bottom Unit 3 prior to startup from RFO P3R20 (Fall 2015).
- Implementation of the order will be completed for Quad Cities Unit 1 prior to startup from RFO Q1R23 (Spring 2015).
- Implementation of the order will be completed for Quad Cities Unit 2 prior to startup from RFO Q2R23 (Spring 2016).

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact David P. Helker at 610-765-5525.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 25th day of October 2012.

Respectfully submitted,

A handwritten signature in black ink, reading "Keith R. Jury", written over a horizontal line.

Keith R. Jury
Vice President, Licensing and Regulatory Affairs
Exelon Generation Company, LLC