

June 18, 2010

MEMORANDUM TO: Harold K. Chernoff, Chief
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: G. Edward Miller, Project Manager */ra/*
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - ELECTRONIC
TRANSMISSION, DRAFT REQUEST FOR ADDITIONAL INFORMATION
REGARDING LICENSE AMENDMENT REQUEST TO ALLOW
TEMPORARY CHANGES TO SECONDARY CONTAINMENT
BOUNDARY DURING SHUTDOWN CONDITIONS (TAC NO. ME3475)

The attached draft request for additional information (RAI) was provided via electronic transmission on June 18, 2010 to Mr. Richard Gropp, at Exelon Generation Company, LLC (Exelon, the licensee). This draft RAI was transmitted to facilitate the technical review being conducted by the Nuclear Regulatory Commission (NRC) staff and to support a conference call with Exelon in order to clarify the licensee's amendment request dated February 25, 2010 (Agencywide Documents Access and Management System Accession No. ML100620011), to allow the Secondary Containment boundary associated with the outside wall of the Trunnion room to be relocated to the inside walls of the Trunnion room when the reactor is shutdown. The draft questions were sent to ensure that they were understandable, the regulatory basis was clear, and to determine if the information was previously docketed. Additionally, review of the draft RAI would allow Exelon to evaluate and agree upon a schedule to respond to the RAI. This memorandum and the attachment do not represent an NRC staff position.

Docket Nos. 50-219

Enclosure: As stated

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	LPL1-2/PM	ITSB/BC	SCVB/BC
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DATE	6/18/10	6/18/10	6/18/10

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DRAFT REQUEST FOR ADDITIONAL INFORMATION

OYSTER CREEK NUCLEAR GENERATING STATION

LICENSE AMENDMENT REQUEST

TEMPORARY CHANGES TO SECONDARY CONTAINMENT BOUNDARY

DURING SHUTDOWN CONDITIONS

DOCKET NO. 50-219

By letter dated February 25, 2010 (Agencywide Document Access and Management System Accession No. ML100620011), Exelon Generation Company (Exelon or the licensee) requested an amendment to the Technical Specifications (TSs) for the Oyster Creek Nuclear Generating Station (Oyster Creek). Specifically, the requested amendment would allow the Secondary Containment boundary associated with the outside wall of the Trunnion room to be relocated to the inside walls of the Trunnion room when the reactor is in cold shutdown. To complete its review, the Nuclear Regulatory Commission Staff needs the following information.

1. The license amendment request (LAR) states that “engineered designed closure mechanisms” will be used to ensure that penetrations are closed and secured. Provide a description of the closure mechanisms to be used including their construction materials and the method for attachment to the penetrations.
2. The wording for proposed Technical Specification (TS) 4.5.G.3 indicates that following movement of the Secondary Containment boundary to the inner walls of the Trunnion room Standby Gas Treatment System testing shall be performed. It is unclear what testing is required by this specification. Clarify what testing is to be performed and how the proposed TS, as worded, adequately defines this testing.
3. The proposed change to TS 4.5.G does not appear to ensure that the periodic capability test includes the normal reactor building pressure boundary with regards to the Trunnion room. The current requirements of Section 4.5.G would appear to allow the cold shutdown, prior to refueling, capability test to be counted as the periodic, at least once per operating cycle, test if performed under calm wind conditions. Would the proposed change allow the cold shutdown, prior to refueling, test with the altered reactor building ventilation boundary to be used to satisfy the periodic test requirement?

Enclosure