

December 13, 2007

Mr. Charles G. Pardee  
Chief Nuclear Officer and Senior Vice President  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: LIMERICK GENERATING STATION, UNIT NOS. 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING PROPOSED TYPE A TEST  
EXTENSION (TAC NOS. MD5198 AND MD5199)

Dear Mr. Pardee:

By letter dated February 20, 2007, (Agencywide Documents Access and Management System Accession No. ML070530296) Exelon Generation Company, LLC, submitted a license amendment request regarding a one-time extension of the Type A Integrated Leak Rate Test Interval from 10 to 15 years for Limerick Generating Station, Unit Nos. 1 and 2.

The U.S. Nuclear Regulatory Commission has determined that a response to the enclosed Request for Additional Information (RAI) is necessary in order for the staff to complete its review. The questions in the enclosure were sent to Mr. Thomas Loomis of your staff via electronic transmission in draft form on November 8, 2007. The draft RAI was sent to ensure that the questions were understandable, the regulatory basis for the questions was clear and to determine if the information was previously docketed. During a telephone call with Mr. Loomis on December 6, 2007, a response date of December 21, 2007, was agreed upon.

Please contact me at 301-415-2833 if you have any questions.

Sincerely,

*/ra/*

Peter J. Bamford, Project Manager  
Plant Licensing Branch 1-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

Enclosure: As stated

cc w/encl: See next page

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cc:

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SUBJECT: LIMERICK GENERATING STATION, UNIT NOS. 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING PROPOSED TYPE A TEST  
EXTENSION (TAC NOS. MD5198 AND MD5199)

Dear Mr. Pardee:

By letter dated February 20, 2007, (Agencywide Documents Access and Management System  
Accession No. ML070530296) Exelon Generation Company, LLC, submitted a license  
amendment request regarding a one-time extension of the Type A Integrated Leak Rate Test  
Interval from 10 to 15 years for Limerick Generating Station, Unit Nos. 1 and 2.

The U.S. Nuclear Regulatory Commission has determined that a response to the enclosed  
Request for Additional Information (RAI) is necessary in order for the staff to complete its review.  
The questions in the enclosure were sent to Mr. Thomas Loomis of your staff via electronic  
transmission in draft form on November 8, 2007. The draft RAI was sent to ensure that the  
questions were understandable, the regulatory basis for the questions was clear and to determine  
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Peter J. Bamford, Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

Enclosure: As stated

cc w/encl: See next page

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DATE	12/7/07	12/12/07	11/07/2007	12/13/07

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REQUEST FOR ADDITIONAL INFORMATION  
REGARDING TECHNICAL SPECIFICATION CHANGES FOR  
TYPE A INTEGRATED LEAK RATE TEST INTERVAL EXTENSION  
LIMERICK GENERATING STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-352 AND 50-353

By letter dated February 20, 2007 (Agencywide Documents Access and Management System Accession No. ML070530296), Exelon Generation Company, LLC, submitted a license amendment request (LAR) for Limerick Generating Station, Unit Nos. 1 and 2. The proposed amendment would provide a one-time extension of the containment Type A Integrated Leak Rate Test interval from 10 years to 15 years for each unit.

The Nuclear Regulatory Commission (NRC) Staff has been reviewing the submittal and has determined that additional information is needed to complete its review.

In Section 4.4 titled "Containment Inspections" in Attachment 1 of the LAR, it is stated that during the most recent Unit 1, American Society of Mechanical Engineers (ASME) Code, Section XI, Subsection IWE, examinations, "One (1) recordable indication of a pit in the suppression pool steel liner was isolated from further corrosion by performing a qualified coating repair. The remaining wall thickness under this pit was greater than the required design minimum wall thickness. Previously, one other less severe pit was similarly isolated." In order to help the NRC staff understand the nature of the pitting degradation and its management, please provide the following information.

1. The extent, depth, location/environment and root cause of these pits in the suppression pool liner of Unit 1, the corrective actions taken and evaluations performed that deemed them to be acceptable. Explain how the required design minimum wall thickness was determined. What actions are being taken to monitor these indications to ensure that there is no further deterioration of degradation and explain why ASME Code, Subsection IWE, augmented examinations are not required?
2. Provide information of the nature, extent, depth, locations/environment and cause of other pitting degradation indications that have been previously found, if any, on the suppression pool liners of both Units 1 and 2 and how they are being managed.

ENCLOSURE