



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 12, 2012

Mr. Michael P. Gallagher  
Vice President, License Renewal Projects  
Exelon Generation Company, LLC  
200 Exelon Way  
Kennett Square, PA 19348

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
LIMERICK GENERATING STATION, UNITS 1 AND 2, LICENSE RENEWAL  
APPLICATION (TAC NOS. ME6555 AND ME6556)

Dear Mr. Gallagher:

By letter dated June 22, 2011, Exelon Generation Company, LLC submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54, to renew the operating licenses for Limerick Generating Station, Units 1 and 2, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review.

These requests for additional information (RAIs) were discussed with Christopher Wilson, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me by telephone at 301-415-3733 or by e-mail at [Robert.Kuntz@nrc.gov](mailto:Robert.Kuntz@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to be "R. Kuntz", written over a horizontal line.

Robert F. Kuntz, Senior Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

Enclosure:  
Requests for Additional  
Information

cc w/encl: Listserv

LIMERICK GENERATING STATION  
LICENSE RENEWAL APPLICATION  
REQUESTS FOR ADDITIONAL INFORMATION

**RAI 3.1.1.38-1.2**

Background

RAI 3.1.1.38-1.1 requested justification as to why opportunistic inspections and the planned inspection method would be adequate to manage loss of fracture toughness due to thermal aging embrittlement of the ASME Code Class 3 cast austenitic stainless steel (CASS) pump casings in the reactor water cleanup system (RWCU).

Issue:

The response to RAI 3.1.1.38-1.1, provided by letter dated May 31, 2012, does not address the history and results of the previous VT-3 examinations conducted on the CASS pump casings. Therefore, the staff needs the following information to further evaluate the adequacy of the opportunistic inspections for managing aging: (1) when the previous VT-3 examinations were conducted on the CASS pump casings, and (2) the results of the inspections.

Request:

1. If any inspections have been performed on the ASME Code Class 3 CASS pump casings, provide the inspection results including when the inspection(s) were completed.
2. Based on the history and results of the previous inspections using the VT-3 examination, justify why the aging management would not need to ensure the following inspections of the RWCU pump casings: (1) an inspection of the representative pump casing of each unit prior to the period of extended operation and (2) at least, an inspection of the representative pump casing of each unit during the period of extended operation.

ENCLOSURE

Letter to M. Gallagher from R Kuntz dated June 12, 2012

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NOS. ME6555, ME6556)

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Vice President, License Renewal Projects  
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Sincerely,

*/RA/*

Robert F. Kuntz, Senior Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

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