



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

July 14, 2010

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: LIMERICK GENERATING STATION, UNITS 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING RELIEF REQUEST I3R-13,  
PRESSURE TESTING OF PRIMARY CONTAINMENT INSTRUMENT GAS  
PIPING (TAC NOS. ME3141 AND ME3142)

Dear Mr. Pacilio:

By letter dated January 22, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML100261546), Exelon Generation Company, LLC submitted a relief request for Limerick Generating Station (LGS), Units 1 and 2. The request proposes an alternative to the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," concerning a system leakage test with a VT-2 visual examination for the Primary Containment Instrument Gas (PCIG) piping.

The Nuclear Regulatory Commission staff has been reviewing the response and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). The questions were sent via electronic transmission on July 6, 2010, to Mr. Thomas Loomis, of your staff. The draft questions were 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. In a teleconference with Mr. Loomis on July 8, 2010, it was agreed that a response to this RAI would be submitted by August 6, 2010. If a response is not received by that date, the request will be subject to denial, pursuant to Title 10 of the *Code of Federal Regulations*, Section 2.108, "Denial of application for failure to supply information."

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

Sincerely,

A handwritten signature in black ink, reading "Peter Bamford", is positioned above the typed name.

Peter 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: Distribution via Listserv

**REQUEST FOR ADDITIONAL INFORMATION**

**LIMERICK GENERATING STATION, UNITS 1 AND 2**

**RELIEF REQUEST I3R-13**

**PRESSURE TESTING OF PRIMARY CONTAINMENT INSTRUMENT GAS PIPING**

**DOCKET NOS. 50-352 AND 50-353**

By letter dated January 22, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML100261546), Exelon Generation Company, LLC (Exelon, the licensee) submitted a relief request for Limerick Generating Station, Units 1 and 2. The request proposes an alternative to the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," Table IWD-2500-1, as referenced by paragraph IWD-5210, concerning a system leakage test with a VT-2 visual examination. The proposed alternative would apply to the Primary Containment Instrument Gas (PCIG) piping, as specified in the submittal. The Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review.

1. For the proposed alternative pressure decay test, what would be an acceptable rate of pressure loss above which the licensee would initiate leak detection and perform necessary corrective action to repair/replace any leakage in the piping?
2. What is the operating pressure for the PCIG piping to which the piping is required to be pressurized during system leakage test?

Enclosure

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/ra/

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ADAMS Accession Number: ML101890664

\* concurrence via email

OFFICE	LPLI-2/PM	LPLI-2/LA	CSGB/BC	LPL1-2/BC
NAME	PBamford	ABaxter (SLittle for)	RTaylor*	HChernoff
DATE	07/08/2010	07/12/2010	07/06/2010	07/14/2010

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