

January 22, 2008

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

SUBJECT: LASALLE COUNTY STATION, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL INFORMATION RELATED TO REQUEST FOR RELIEF I3R-01 ASSOCIATED WITH THE THIRD 10-YEAR INSERVICE INSPECTION INTERVAL, INSPECTION PROGRAM PLAN RISK-INFORMED INSERVICE INSPECTION OF PIPING (TAC NOS. MD5457 AND MD5458)

Dear Mr. Pardee:

By letter to the Nuclear Regulatory Commission (NRC) dated June 18, 2007, Exelon Generation Company, LLC submitted a relief request (RR) associated with the third 10-year inservice inspection interval, for the LaSalle County Station, Units 1 and 2. The submittal requests relief from the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, requirements for the selection and examination of Class 1 and 2 piping and welds. The RR I3R-01 proposes an alternative to the existing ASME Code to use the Electric Power Research Institute Topical Report 112657, Revision B-A, methodology for a Risk-Informed Inservice Inspection program approved by the NRC.

The NRC staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter. During a discussion with your staff on Tuesday, January 8, 2008, it was agreed that you would provide a response within 15 days from the date of this letter.

The NRC staff considers that timely responses to requests for additional information help ensure sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-3154.

Sincerely,

*/RA/*

Stephen P. Sands, Project Manager  
Plant Licensing Branch III-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-373 and 50-374

Enclosure:  
Request for Additional Information

cc w/encl: See next page

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Plant Licensing Branch III-2  
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Docket Nos. 50-373 and 50-374

Enclosure:  
Request for Additional Information

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DATE	1/ 17/08	1/17/08	1/22/08

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## **LaSalle County Station, Units 1 and 2**

### **cc:**

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via e-mail  
LaSalle Distribution  
Exelon Generation Company, LLC  
via e-mail

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Illinois Emergency Management Agency  
Division of Disaster Assistance &  
Preparedness  
via e-mail

REQUEST FOR ADDITIONAL INFORMATION

LASALLE COUNTY STATION, UNITS 1 AND 2

DOCKET NOS. 50-373 AND 50-374

In reviewing the Exelon Generation Company's (Exelon's) submittal dated June 18, 2007, related to a relief request (RR) associated with the third inservice inspection interval, for the LaSalle County Station, Units 1 and 2. The submittal requests relief from the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, requirements for the selection and examination of Class 1 and 2 piping and welds. The NRC staff has determined that the following information is needed in order to complete its review:

1. Please confirm that the change in risk between the original ASME program and the program you are proposing to implement for the third interval meets all the risk acceptance guidelines in the Electric Power Research Institute (EPRI) methodology.
2. Provide an explanation as to why the change in risk is not expected to change from the last estimate.
3. Provide an estimate of the change in core damage frequency and large early release frequency between the original ASME program and the program you are proposing to implement for the next interval.
4. Confirm that the system level change in risk acceptance guidelines in the EPRI methodology are met. (This calculation must be based in an up-dated PRA model).

Enclosure