

May 17, 2002

Mr. Michael Kansler
Senior Vice President and
Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: INDIAN POINT NUCLEAR GENERATING UNIT NO. 2 - REQUEST FOR
ADDITIONAL INFORMATION REGARDING ONE-TIME EXTENSION OF
CONTAINMENT INTEGRATED LEAKAGE RATE TEST FREQUENCY
(TAC NO. MB2414)

Dear Mr. Kansler:

In a letter dated July 13, 2001, Consolidated Edison Company of New York, Inc. (Con Edison) submitted a request to the U.S. Nuclear Regulatory Commission (NRC) to amend the Technical Specifications for the Indian Point Nuclear Generating Unit No. 2 (IP2) to allow the one-time extension of the frequency for the containment integrated leakage rate test. On September 6, 2001, the license for IP2 was transferred from Con Edison to Entergy Nuclear Indian Point 2 and Entergy Nuclear Operations, Inc. (ENO). By letter dated September 20, 2001, ENO requested that the NRC continue to review all requests pending with the NRC at the time of the license transfer which had been submitted by Con Edison. The request for an amendment was supplemented by ENO in letters dated November 30, 2001, March 13, and April 3, 2002.

The NRC staff is reviewing information provided in the July 13 application along with the November 30, 2001, March 13, and April 3, 2002, supplements and has determined that additional information is needed for the staff to complete its evaluation. On May 15, 2001, NRC staff held telephone conference calls with representatives of your staff to discuss the staff's concerns. During the conference calls, ENO indicated that a response would be provided by May 31, 2002. The specific questions are provided in the enclosed request for additional information (RAI).

If you should have any questions, please do not hesitate to call me at (301) 415-1457, or Daniel Collins at (301) 415-1427.

Sincerely,

/RA/

Patrick D. Milano, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-247

Enclosure: RAI

cc w/encl: See next page

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Official Record Copy

Indian Point Nuclear Generating Unit No. 2

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Indian Point Nuclear Generating Unit No. 2

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REQUEST FOR ADDITIONAL INFORMATION
REGARDING INTEGRATED LEAK RATE TEST
DEFERRAL AMENDMENT REQUEST
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2
DOCKET NO. 50-247

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing the July 13, 2001, application along with the November 30, 2001, March 13, and April 3, 2002, supplemental submittals for an amendment to Facility Operating License No. DPR-26, for Indian Point Nuclear Generating Unit No. 2 (IP2), which would allow a one-time deferral of the Type A containment integrated leak rate test (ILRT) resulting in an extended interval of up to 15 years for performance of the test.

The NRC staff has identified the following questions or concerns that require clarification or additional information in order for the NRC staff to complete its review:

1. In its March 13, 2002, response to an NRC request for additional information (RAI), Entergy provided a discussion of corrosion on the containment liner, from approximately 2" above to 3" below the liner/containment floor slab intersection, that resulted from a 1980 event in which a leak in the IP2 service water system had caused flooding above the 46' elevation of the containment. The RAI response addressed the corrective actions taken and the evaluation of the liner corrosion identified near the liner/containment floor slab intersection. However, there is no discussion of the effects on portions of the Weld Channel and Penetration Pressurization System (WC&PPS) that might have experienced water intrusion as a result of the flooding incident.

Section 6.6.2 of the IP2 updated final safety analysis report (UFSAR) identifies portions of the WC&PPS that have been disconnected in a manner such that the liner welds will still be open to containment atmosphere and pressurized during an ILRT.

- A. Discuss the effects of the flooding incident on all portions of the WC&PPS that may have experienced water intrusion as a result of the flooding with specific discussion of the effects on the portions of the WC&PPS that have been disconnected. Additionally, provide results of any inspections or tests performed to ensure that these liner welds have not experienced corrosion and are sound.
- B. For the portions of the WC&PPS identified as disconnected in Section 6.6.2 of the IP2 UFSAR, provide the following information:
 - (i) explanation of why each zone was disconnected
 - (ii) when modifications to disconnect each zone were performed
 - (iii) location where each physical modification was performed (i.e. describe the location of the disconnection and the manner of ensuring that the disconnected zone is exposed to ILRT pressure)
 - (iv) a description, and results, of any testing or evaluations performed to ensure that the containment liner and associated welds in the disconnected zones are sound.

Enclosure

2. Provide additional details of the methodology used, including assumptions, for the sensitivity study of the Class 7 sequence contribution showing the results that were provided in the April 3, 2002, response to an NRC RAI.