

April 8, 2002

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING COMPONENT
COOLING WATER SYSTEM PROTECTION FROM NATURAL PHENOMENA,
INDIAN POINT NUCLEAR GENERATING UNIT NO. 3 (TAC NO. MB1955)

Dear Mr. Kansler:

In a letter dated April 24, 2001, Entergy Nuclear Operations, Inc. (ENO) submitted a proposed amendment to change the Final Safety Analysis Report (FSAR) for Indian Point Nuclear Generating Unit No. 3 (IP3). The proposed amendment would revise the FSAR to relect the original plant design for the component cooling water (CCW) system. Specifically, ENO had identified that a portion of one loop of the CCW system is routed in the nonsafety-related portion of the fuel storage building.

The U.S. Nuclear Regulatory Commission staff is reviewing the information provided in the April 24 submittal 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). During a telephone call on April 3, 2002, the ENO staff indicated that a response to the RAI would be provided within 45 days.

If you should have any questions, please do not hesitate to call me.

Sincerely,

/RA/

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

Docket No. 50-286

Enclosure: RAI

cc w/encl: See next page

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Enclosure: RAI

cc w/encl: See next page

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Indian Point Nuclear Generating Unit No. 3

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REQUEST FOR ADDITIONAL INFORMATION
REGARDING PROTECTION OF THE COMPONENT COOLING WATER SYSTEM
FROM NATURAL PHENOMENA
INDIAN POINT NUCLEAR GENERATING UNIT NO. 3 (IP3)
DOCKET NO. 50-286

In a letter dated April 24, 2001, Entergy Nuclear Operations, Inc. (the licensee) submitted a proposed amendment to revise the Final Safety Analysis Report for IP3 to reflect the original plant design for the component cooling water (CCW) system. The licensee identified that a portion of one loop of the CCW system is routed in the non-safety-related portion of the fuel storage building. The NRC staff has the following questions regarding the information provided in the proposed amendment related to protection from natural phenomena and essential functions of the CCW system:

1. Confirm whether the design assumptions and acceptance criteria used in your re-evaluation of the fuel storage building (FSB) for natural phenomena are consistent with your current licensing basis. If not, describe the differences and why acceptable.
2. Describe the basis for the statement in Attachment II to your letter dated April 24, 2001, that the plant design basis is a single tornado missile.
3. Describe the basis for the statement in Attachment II to your letter dated April 24, 2001, that a tornado would not cause a break or loss of function to the larger CCW piping or the heat exchanger it cools. Include a description of the method used in evaluating tornado effects and significant assumptions.
4. Describe the dependency of the charging pumps on CCW cooling for the reactivity control and the pressurizer pressure and level control functions.
5. Discuss the seismic qualification of the spent fuel pit heat exchanger and the CCW piping and supports in the FSB including the seismic input used in the analysis. Provide a summary of the evaluation results.

Enclosure