



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

December 19, 2008

Vice President, Operations
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, GSB
P.O. Box 249
Buchanan, NY 10511-0249

SUBJECT: INDIAN POINT NUCLEAR GENERATING UNIT NO. 2 - REQUEST FOR
ADDITIONAL INFORMATION REGARDING AMENDMENT APPLICATION FOR
TECHNICAL SPECIFICATION FOR OFFSITE AC SOURCES
(TAC NO. MD9348)

Dear Sir or Madam:

On July 30, 2008, Entergy Nuclear Operations, Inc. (Entergy), submitted an application for a proposed amendment for Indian Point Nuclear Generating Unit No. 2 (IP2) which would allow a one-time extension to the completion time for the loss of one offsite power circuit.

The Nuclear Regulatory Commission staff is reviewing the 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.

Please contact me at (301) 415-2901 if you have any questions on this issue.

Sincerely,

A handwritten signature in cursive script that reads "John P. Boska".

John P. Boska, Senior Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-247

Enclosure:
RAI

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
REGARDING AMENDMENT APPLICATION FOR OFFSITE AC SOURCES
ENTERGY NUCLEAR OPERATIONS, INC.
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2
DOCKET NO. 50-247

On July 30, 2008, Entergy Nuclear Operations, Inc. (Entergy), submitted an application for a proposed amendment for Indian Point Nuclear Generating Unit No. 2 (IP2) which would allow a one-time extension to the completion time for the loss of one offsite power circuit (Agencywide Documents Access and Management System (ADAMS) Accession No. ML082180351). The Nuclear Regulatory Commission staff is reviewing the submittal and has the following questions:

- 1) Provide additional detail concerning the basis for the need for an additional 72 hours given that, according to your license amendment request (LAR) technical analysis, the maintenance can ideally be completed in 60-70 hours. Also, confirm that this work will be completed in 2009 (LAR says 2008).
- 2) Per Title 10 of the *Code of Federal Regulations* Part 50, Appendix A, General Design Criteria 17 (GDC-17), the 13.8 kV offsite circuits would normally be classified as the delayed access safe shutdown circuits. Provide assurance that these circuits are capable of supporting the safety-related electrical loads as GDC-17 immediate access (within a few seconds) circuits for design-basis accidents on IP2 while simultaneously supplying safe shutdown loads (including all reactor coolant pumps) on Indian Point 3 (IP3). Include a detailed summary of any analyses used to make this determination.
- 3) Provide assurance that IP3's license does not preclude use of its Appendix R diesel in support of IP2 as described in this license amendment and confirm how long it takes to align it to IP2 busses. Discuss the impact on IP3 if its Appendix R diesel is aligned and loaded for IP2 per this amendment. Include a detailed summary of any analyses used to support these bases.
- 4) Provide assurance that safety-related vital DC systems are included in the list of Technical Specification equipment that will be controlled and protected during this transformer outage (Second paragraph on page 4 of 8 of the LAR).

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ADAMS ACCESSION NUMBER: ML083470315

*See memo dated 12/5/08

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