



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

August 12, 2009

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 RELIEF REQUEST RR-09  
(TAC NO. ME1658)

Dear Sir or Madam:

By letter dated July 1, 2009, Entergy Nuclear Operations, Inc. (the licensee), submitted relief request (RR)-09 for Nuclear Regulatory Commission (NRC) review and approval. The licensee requested to implement an alternative to the requirements of paragraph 50.55a(g)(6)(ii)(D)(3) of Title 10 of the *Code of Federal Regulations*. The request pertains to inservice inspection (ISI) of the reactor vessel upper head nozzles at Indian Point Nuclear Generating Unit No. 2. The duration of request is for the fourth 10-year ISI interval which began March 1, 2007 and concludes April 3, 2016.

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 (RAI). On August 11, 2009, the Entergy staff indicated that a response to the RAI would be provided within 45 days of the date of this letter.

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 RELIEF REQUEST RR-09  
ENTERGY NUCLEAR OPERATIONS, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2  
DOCKET NO. 50-247

By letter dated July 1, 2009, Agencywide Documents Access and Management System (ADAMS) Accession No. ML091950333, Entergy Nuclear Operations, Inc. (the licensee), submitted relief request (RR)-09 for Nuclear Regulatory Commission (NRC) review and approval. The licensee requested to implement an alternative to the requirements of paragraph 50.55a(g)(6)(ii)(D)(3) of Title 10 of the *Code of Federal Regulations*. The request pertains to inservice inspection (ISI) of the reactor vessel upper head nozzles at Indian Point Nuclear Generating Unit No. 2. The duration of request is for the fourth 10-year ISI interval which began March 1, 2007 and concludes April 3, 2016. The NRC staff is reviewing the submittal and has the following questions:

1. Please provide your flaw analysis including your assumptions, specific methodology and results of the stress analysis performed for the subject nozzles, or provide references to previously submitted documents which contain the above information relevant to this submittal.
2. Discuss if the crack growth evaluation was based on the as-built weld geometry.

August 12, 2009

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*/RA/*

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Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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ADAMS ACCESSION NO.: ML092240047

\*See memo dated 8/5/09

OFFICE	LPL1-1/PM	LPL1-1/LA	CPNB/BC*	LPL1-1/BC
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DATE	8/12/09	8/12/09	8/5/09	8/12/09

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