

August 18, 2005

Mr. Michael R. Kansler
President
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3 - RESPONSE TO NRC BULLETIN 2004-01, "INSPECTION OF ALLOY 82/182/600 MATERIALS USED IN THE FABRICATION OF PRESSURIZER PENETRATIONS AND STEAM SPACE PIPING CONNECTIONS AT PRESSURIZED-WATER REACTORS" (TAC NOS. MC3484 AND MC3485)

Dear Mr. Kansler:

On May 28, 2004, the Nuclear Regulatory Commission (NRC) issued Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors," to the industry. This bulletin informed addressees that current methods of inspecting the pressurizer penetrations and steam space piping connections fabricated from Alloy 82/182/600 materials may need to be supplemented with additional measures (e.g., bare-metal visual inspections) to detect pressurizer penetration and steam space piping connection flaws or leakage. The bulletin requested that licensees provide the NRC with information related to the materials of construction, the inspections that have been performed, and the inspections which will be performed to verify the integrity of the pressurizer penetrations and steam space piping connections. By letter dated July 26, 2004, Entergy Nuclear Operations, Inc. (Entergy or the licensee) provided its response to Bulletin 2004-01, for the Indian Point Nuclear Generating Unit Nos. 2 (IP2) and 3 (IP3).

By this letter, Entergy provided responses to items 1a, 1b, 1c, and 1d of the bulletin. These responses described the materials used in the fabrication of pressurizer penetrations and steam space piping connections at IP2 and IP3. When describing the materials used in the fabrication of the pressurizer penetrations and steam space piping connections, Entergy reported that none of the materials used in the fabrication of the pressurizer penetrations and steam space piping were Alloy 82/182/600 materials. Therefore, there is no specific inspection program for Alloy 82/182/600 materials for the pressurizer other than meeting the requirements of Section XI of the American Society for Mechanical Engineers Boiler and Pressure Vessel Code.

Given Entergy's response to items 1a, 1b, 1c, and 1d of the bulletin, the NRC staff no longer requires a specific response for IP2 or IP3 for item 2 of the bulletin, which requested that licensees report the results of their next scheduled inspection of Alloy 82/182/600 pressurizer penetrations and steam space piping connections.

M. Kansler

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The NRC staff has completed its activities associated with the review of your response to Bulletin 2004-01 and finds your response acceptable. Please contact me at (301) 415-2901 if you have any questions on this issue.

Sincerely,

/RA/

John P. Boska, Sr. Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

cc: See next page

M. Kansler

- 2 -

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Indian Point Nuclear Generating Unit Nos. 2 & 3

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