

August 23, 2005

Mr. David A. Christian
Sr. Vice President and Chief Nuclear Officer
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Blvd.
Glen Allen, Virginia 23060-6711

SUBJECT: SURRY POWER STATION, UNITS 1 AND 2 - 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. MC3517 AND MC3518)

Dear Mr. Christian:

On May 28, 2004, the U.S. Nuclear Regulatory Commission (NRC) issued 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," 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 these addressees 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 27, 2004, as supplemented by letter dated October 4, 2004, Virginia Electric and Power Company (the licensee) provided its response to Bulletin 2004-01, for Surry Power Station (Surry), Units 1 and 2.

By this letter, the licensee provided its 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 Surry, Units 1 and 2. When describing the materials used in the fabrication of the pressurizer penetrations and steam space piping connections, the licensee 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 the licensee's response to items 1a, 1b, 1c, and 1d of the bulletin, the NRC staff no longer requires a specific response for the Surry, Units 1 and 2 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.

Sincerely,

/RA/

Stephen Monarque, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-280 and 50-281

cc: See next page

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Surry Power Station, Units 1 & 2

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