

November 7, 2001

Mr. David A. Christian
Senior Vice President and
Chief Nuclear Officer
Innsbrook Technical Center-2SW
5000 Dominion Blvd.
Glen Allen, Virginia 23060-6711

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2: REQUEST FOR
ADDITIONAL INFORMATION REGARDING SECTION 3.3.1, DISCUSSION OF
CHANGE A.24 OF THE IMPROVED TECHNICAL SPECIFICATIONS (ITS)
(TAC NOS. MB2073 AND MB2075)

Dear Mr. Christian:

The NRC staff reviewed your application dated December 11, 2000, to change the format and content of the Current Technical Specifications to be consistent with NUREG-1431, "Standard Technical Specifications - Westinghouse Plants," Revision 1, and certain generic changes to the NUREG.

On the basis of our review of the proposed changes for ITS Section 3.3.1, "Reactor Trip System (RTS) Instrumentation," we find that additional information identified in the enclosure is needed. This inquiry was discussed with Ms. Regina Borsh of your staff on November 1, 2001, who agreed to provide the staff with a response within 45 days of the date of this letter.

Sincerely,

/RA/

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

Docket Nos. 50-338 and 50-339

Enclosure: Request for Additional Information

cc w/encl: See next page

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Virginia Electric and Power Company

North Anna Power Station
Units 1 and 2

cc:

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REQUEST FOR ADDITIONAL INFORMATION
NORTH ANNA POWER STATION, UNITS 1 AND 2
IMPROVED TECHNICAL SPECIFICATIONS
SECTION 3.3.1 DISCUSSION OF CHANGE A.24

Virginia Electric and Power Company (VEPCO) has proposed to move the constants and gains for the overtemperature ΔT ($OT\Delta T$) and overpower ΔT ($OP\Delta T$) allowable values to the Core Operating Limits Report (COLR). WCAP-14483-A "Generic Methodology for Expanded Core Operating Limits Report" identifies the NRC-approved methodologies that can be used to permit relocation of the $OT\Delta T$ and $OP\Delta T$ constants and gains to the COLR. In the safety evaluation for WCAP-14483-A, the staff has identified WCAP-8745-P-A, "Design Bases for Thermal Overpower Delta-T and Thermal Overtemperature Delta-T Trip Functions," as the approved methodology for relocation of the specified values to the COLR. WCAP-8745-P-A provides a methodology used to calculate the $OT\Delta T$ and $OP\Delta T$ gains and allowable values.

In a conference call held on October 25, 2001, VEPCO stated that $OT\Delta T$ and $OP\Delta T$ allowable values were being determined using NRC-approved methodologies. VEPCO has since identified Technical Report EE-0101 as the methodology used to calculate the allowable values. The staff is unfamiliar with the specified technical report. Therefore, VEPCO is requested to provide one of the following: 1) a copy of the staff's safety evaluation approving the North Anna methodology, 2) the submittal of the North Anna methodology for technical review and approval by the staff, or 3) technical specification values for $OT\Delta T$ and $OP\Delta T$ gains and allowable values that have been calculated using NRC-approved methodologies.

Enclosure