

February 11, 2002

Mr. David A. Christian
Senior Vice President and
Chief Nuclear Officer
Virginia Electric and Power Company
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 3.7.9 OF THE IMPROVED
TECHNICAL SPECIFICATIONS (ITS) (TAC NOS. MB1451 AND MB1452)

Dear Mr. Christian:

The 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 3.7.9, "Ultimate Heat Sink," we find that additional information identified in the paragraphs below is required in order for the staff to complete this review.

1) When the term "steam dump" is referred to in the submittal, does this refer to the use of the turbine bypass valves to route steam directly into the condenser? Describe the systems, sequence of events, success criteria, and automatic/manual operations required for short-term decay heat removal using the Decay Heat Release Valve (DHRV). After short-term heat removal has been accomplished using the DHRV, is long-term heat removal initiated in the same manner and under the same plant conditions as other short-term heat removal scenarios (i.e., condenser cooling using circulating water)? If DHRV cooling was incorporated into the probabilistic risk assessment (PRA), describe how the PRA would be modified to accurately model the scenario of events, plant states, and required supporting equipment. If the DHRV is not modeled in the PRA, but a reduction in the Risk Achievement Worth (RAW) for the North Anna Reservoir is estimated, describe how the magnitude of the anticipated reduction in the RAW was estimated.

2) How long can North Anna Power Station continue to operate at full power if the temperature of the North Anna reservoir exceeds 95 degrees or if the water level of the reservoir falls below 244 Mean Sea Level? If the plant cannot operate at full power under the above conditions, can it operate at reduced power and, if so, at what power level?

Mr. David A. Christian

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Virginia Electric and Power Company is requested to provide a response to the staff's questions by February 19, 2002, to ensure the ITS amendment issuance date of April 1, 2002, can be achieved.

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

cc: See next page

Mr. David A. Christian

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/RA/

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

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Mr. David A. Christian
Virginia Electric and Power Company

North Anna Power Station
Units 1 and 2

cc:

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