

October 23, 2000

Mr. David A. Christian
Senior Vice President - Nuclear
Virginia Electric and Power Company
5000 Dominion Blvd.
Glen Allen, Virginia 23060

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2: REQUEST FOR
ADDITIONAL INFORMATION (RAI) RELATED TO THE PROPOSED TECHNICAL
SPECIFICATION (TS) CHANGES TO INCREASE BORON CONCENTRATION
(TAC NOS. MA9362 AND MA9363)

Dear Mr. Christian:

The purpose of this letter is to request additional information so the staff may continue to review your license amendment dated June 22, 2000. The staff's RAI is discussed in the paragraph below.

The TS change proposes to increase the boron concentration in the refueling water storage tank (RWST), casing cooling tank, and safety injection accumulators, which will result in lower pH values. The required pH ranges are 7 to 9.5 and 8.5 to 10.5 for the quench spray and containment sump, respectively. As such, the amount of sodium hydroxide from the chemical addition tank into the quench spray pump suction, downstream of the RWST, will have to be increased. Describe in detail your method for determining the amount of sodium hydroxide to be added to compensate for the proposed increases in boron concentration.

This inquiry was discussed with Mr. Tom Shaub of your licensing staff on October 4, 2000, and he agreed to provide a response within 30 days of the date of this letter. The staff appreciates the effort expended on this matter.

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

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