

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

APR 13 1990

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - ESSENTIAL RAW COOLING WATER (ERCW) PUMPHOUSE
FOUNDATION AND ERCW PUMPING STATION ACCESS CELLS

- References: 1. TVA letter to NRC dated December 28, 1988, "Sequoyah Nuclear Plant (SQN) - Essential Raw Cooling Water (ERCW) Pumphouse Foundation and ERCW Pumping Station Access Cells"
2. TVA letter to NRC dated October 20, 1988, "Sequoyah Nuclear Plant (SQN) - Essential Raw Cooling Water (ERCW) Pumphouse Foundation and ERCW Pumping Station Access Cells"

This letter provides a proposed refinement to SQN's ERCW action plan. The changes have been discussed with Tom Cheng and Jack Donohew of your staff. As required by TVA's Commitment 3 in Enclosure 1 of Reference 1, NRC's written concurrence with the proposed refinement is requested.

The enclosure to this letter contains a labelled sketch of the proposed hole locations in the ERCW pumphouse foundation. A sketch of the original locations was provided as Figure A-1 in the enclosure of Reference 2. TVA proposes that two of the original holes in Element D be replaced with new Holes PSD-7 and PSD-8. Hole PSD-7 will be located near the perimeter of the foundation cell in Element D. This hole will be located between the original two outside holes (PSD-1 and PSD-2) proposed in the exploration plan. Hole PSD-8 will be positioned to intersect Hole 39 (1977 drilling) at Elevation 629.0. The total number of holes drilled and grouted in Element D will remain at six. These changes are to increase the effectiveness of the grouting on the perimeter of the cell and to intersect Hole 39 to further verify that cavities do not exist.

In Element B, Hole PSB-1, the hole closest to the cell perimeter, is scheduled to be drilled first. If this hole indicates acceptable concrete, TVA proposes that the second hole originally planned in this element not be drilled.

It should also be noted that the second drill crew has been transferred from this job to support an emergency investigation at Wilson Lock. They will be available to assist the pumping station drilling on June 1, 1990, if required. No change in the September 1, 1990, completion date is anticipated.

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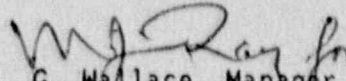
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There are no commitments contained in this submittal. Please direct questions concerning this issue to Kathy S. Whitaker at (615) 843-7748.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


E. G. Wallace, Manager
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Enclosure

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ENCLOSURE

ESSENTIAL RAW COOLING WATER (ERCW)
PUMPHOUSE FOUNDATION SKETCH

