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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

LP 105B Lookout Place

APR 21 1988

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of
Tennessee Valley Authority

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)

Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - NRC INSPECTION REPORT 50-327/87-74 AND
50-328/87-74 - INTEGRATED DESIGN INSPECTION (IDI)

Reference: S. D. Richardson's letter to S. A. White dated February 22, 1988

This letter provides TVA's response to the subject inspection report
transmitted by the referenced letter.

The subject inspection report documents NRC's IDI follow-up inspection held in
Knoxville, Tennessee, November 2-19, 1987. This inspection report does not
consider information from TVA's December 29, 1987 IDI response; NRC's
follow-up inspections of February 1-5 and February 15-19, 1988; or TVA's
supplemental IDI responses of February 29 and March 2, 1988. Based on
discussions with Gene Imbro, NRC IDI Team Leader, it was agreed that this
inspection report would be viewed only as a reference document. A specific
response by TVA to each item in the inspection report is not required.

Mr. Imbro did request that TVA confirm actions taken on items D4.3-9, D5.2-3,
and D5.2-10.

As discussed with Mr. Imbro, all other items from the IDI inspection are
either confirmed closed by the subject inspection report, have been closed by
follow-up inspections, or will be closed by future NRC inspection of
corrective actions taken by TVA.

The supplemental responses to items D4.3-9, D5.2-3, and D5.2-10 requested by
Mr. Imbro are contained in Enclosure 1. These supplemental responses confirm
actions taken by TVA to close these items.

Enclosure

(1) See page 2

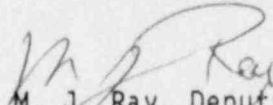
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This letter does not contain any commitments. If you have any questions, please telephone D. L. Williams at (615) 632-7170.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


M. J. Ray, Deputy Director
Nuclear Licensing and
Regulatory Affairs

Enclosure

cc (Enclosure):

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Sequoyah Nuclear Plant
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ENCLOSURE 1

ITEM NO.: D4.3-9

TITLE: Masonry Block Wall Calculations

SUMMARY OF ITEM:

Calculations for the evaluation of block walls for Office of Inspection and Enforcement Bulletin 80-11 could not be located.

CLASSIFICATION: Documentation

SUPPLEMENTAL RESPONSE:

In TVA's March 2, 1988 letter on this item, TVA committed to install top restraints for reinforced masonry walls that do not meet NRC criteria allowable stresses for Load Cases III and VI before unit 2 restart. This action is complete.

ITEM NO.: D5.2-3

TITLE: Ineffective Essential Raw Cooling Water (ERCW) Alarms

SUMMARY OF ITEM:

NRC noticed on their July 28, 1987 walkdown of panel OM27A that 13 out of 35 alarm windows were activated; and NRC concluded that the number of invalid alarms represented an excessive number of nuisance alarms for a safety system (ERCW).

SUPPLEMENTAL RESPONSE:

In the December 29, 1987 response to this item, TVA committed to:

1. clear windows on panel OM27A that could be cleared by performing maintenance before unit 2 restart, and
2. remove windows that fall into the category of "old pumping station" alarms (intake pumping station) before unit 2 restart.

Actions associated with both of these commitments have been completed.

Additionally, commitments have been entered on TVA's Corporate Commitment Tracking System (CCTS) to implement corrective actions in accordance with schedule requirements of the NRC Safety Evaluation Report for the Sequoyah Nuclear Plant (SQN) Detailed Control Room Design Review (DCRDR) dated August 27, 1987.

Also, as documented in TVA's February 29, 1988 letter, the ERCW low-flow alarms have been removed.

ITEM NO.: D5.2-10

TITLE: Adequacy of ERCW Instrumentation Provided for Detection of Break in
Nonseismic ERCW Piping

SUMMARY OF ITEM:

In the event of a pipe break in the nonseismic portion of the ERCW piping, operator action is taken based on a high-flow alarm and status light in the control room that monitor each ERCW header.

CLASSIFICATION: Design Deficiency

SUPPLEMENTAL RESPONSE:

In TVA's March 2, 1988 letter on this item, TVA committed to complete implementation of an automatic isolation scheme to isolate the Class H ERCW piping going to the Turbine Building. This action is complete.