



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 4, 1994

Docket Nos. 50-327
and 50-328

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford, Vice President
Technical Support
38 Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Dr. Medford:

SUBJECT: EVALUATION OF THE DETAILED CONTROL ROOM DESIGN REVIEW PROGRAM
IMPLEMENTATION AT THE SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2
(TAC NOS. M87234 AND M87235)

By letter dated May 7, 1992, the Tennessee Valley Authority (TVA) described the implementation status of the Detailed Control Room Design Review (DCRDR) program at the Sequoyah Nuclear Plant Units 1 and 2. In that letter, TVA indicated that all Category 1 human engineering discrepancies (HEDs), as well as a number of Category 2 and 3 HEDs, had been implemented during the Cycle 4 refueling outages for both Units 1 and 2. In addition, since issuance of the DCRDR summary report on November 26, 1986, a number of Category 2 HEDs had either been downgraded to Category 3 or re-evaluated to conclude that corrective action was no longer needed. In the letter TVA also stated that the remaining Category 2 HEDs would be resolved during the Unit 2 Cycle 6 refueling outage, which would effectively complete all safety significant HEDs.

By letter dated February 4, 1993, TVA again reported the status of the remaining HEDs, indicating that the Category 1 and 2 HEDs had been resolved, that a number of Category 3 HEDs were no longer cost effective and would not be implemented, that the remaining Category 3 HEDs would be resolved during the Cycle 6 refueling outages for each Unit, and that some Category 2 HEDs have been downgraded to Category 3. A list of the Category 3 HEDs that were being cancelled was included.

A site visit was conducted on September 13 - 16, 1993, to evaluate both TVA's reassessment of the Category 2 HEDs and the licensee's implementation of corrective actions for completed HEDs. At this time, the licensee also indicated that even though all Category 2 HEDs had been resolved, there were some non-safety enhancements related to a few Category 2 HEDs that were being performed.

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Dr. Mark O. Medford

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As indicated in the attached safety evaluation, the staff has determined that TVA has identified appropriate corrective actions for the HEDs at the Sequoyah site. In addition, implementation of the planned corrective actions for the HEDs that have not yet been closed will satisfactorily complete the corrective actions for all safety significant HEDs and resolve all staff concerns regarding the Sequoyah DCRDR program. Please inform the staff by letter when the implementation process for each unit is completed.

This action closes TAC Nos. M87234 and M87235.

Sincerely,

Original signed by

David S. LaBarge, Sr. Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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SEQUOYAH NUCLEAR PLANT

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