



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

April 17, 1992

Docket Nos. 50-390
and 50-391

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford, Vice President
Nuclear Assurance, Licensing and Fuels
3B Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Dr. Medford:

SUBJECT: WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - FOLLOWUP OF ISSUES FROM
THE MANAGEMENT MEETING OF MARCH 24, 1992 (TAC M72494 AND M72495)

In a management meeting on March 24, 1992, TVA participants requested that the staff follow up on a number of issues considered to have high priority by TVA. The following is a description of the staff's disposition of TVA's requests:

(1) Individual Plant Examination (IPE)

It is the staff's understanding that TVA will submit an analysis to satisfy the criteria of Generic Letter 88-20, "Individual Plant Examination (IPE) for Severe Accident Vulnerabilities" by September 1, 1992, and an analysis to satisfy the criteria of GL 88-20, Supplement 4, "Individual Plant Examination of External Events (IPEEE) For Severe Accident Vulnerabilities" by June 1994. The staff will develop a review schedule upon receipt of the submittals commensurate with the staff's IPE review workload at that time. Because the IPE program deals with severe accidents beyond the plant's design basis, completion of the review of the IPE and IPEEE reports submitted to the staff is not considered to be a prerequisite to issuance of operating licenses for Watts Bar, Units 1 and 2. The staff would expect, however, that TVA would address IPE/IPEEE findings in the same manner as licensees already possessing operating licenses and that each finding, or enhancement, would be evaluated for implementation in terms of the cost vs. risk reduction.

(2) Corrective Action Program on QA Records

By letter dated April 10, 1992, the staff issued a position concluding that the Bayesian statistical approach is not acceptable, and that the sampling and rectification procedure proposed by TVA does not meet the acceptance criterion proposed by TVA (i.e., 95/5). The staff's position was written based on information obtained in TVA letters, a technical meeting, and numerous conference calls. The staff is awaiting TVA's response to that position.

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(3) Integrated Design Inspection (IDI)

The staff previously performed an IDI from January 7-18 and February 4-8, 1991 (Inspection Report 50-390/91-201), and found that the civil/structural and piping areas were not ready to be inspected. In the management meeting, the staff agreed to consider splitting the remaining portion of the IDI into two separate inspections for the (1) civil/structural issues and (2) mechanical issues follow-up. TVA requested that the civil/structural inspection be scheduled between April and June 1992. In response to TVA's request, the staff has decided to split the inspection as discussed above. The date of the civil/structural inspection will be determined when the staff is satisfied that Watts Bar has sufficient design output to support the inspection. Messrs. Gene Imbro and Hai-Boh Wang of the NRR Special Inspection Branch will be on site in late April 1992 to make such an assessment. TVA has been notified of this visit by a letter dated April 10, 1992.

(4) Environmental Qualification (EQ)

TVA submitted the Watts Bar EQ program in April 1991. The staff is reviewing that submittal, and has communicated technical comments in a working meeting on March 5, 1992 (the results of that meeting were documented in a meeting summary dated March 13, 1992). In the management meeting, TVA requested that the staff formally communicate interim review results. Thus, the staff is preparing a request for additional information (RAI) summarizing the comments made in the March 5, 1992 meeting. Upon resolution of concerns described in the RAI, the staff will issue an evaluation on the Watts Bar EQ program. Upon satisfactory findings during the post-implementation audit (to be performed when implementation is nearing completion), the staff will issue an audit report closing out its efforts on the EQ program.

(5) Eagle-21

The staff's preliminary comments on this issue were discussed in the licensing status meeting on March 24, 1992 (summary dated March 27, 1992). The staff's comments were further discussed with TVA site personnel in a conference call on March 27, 1992. It is the staff's understanding that TVA will submit additional information. The schedule for the Eagle-21 review will be discussed with your site staff during future monthly licensing status meetings, after receipt of the additional information.

(6) Station Blackout

TVA plans to submit the response to 10 CFR 50.63, Station Blackout by June 1992. The staff suggested, and TVA agreed to provide a summary of TVA's planned approach to resolving the Station Blackout issue for Watts Bar. The staff agreed to review TVA's summary and provide general comments on the planned approach.

Dr. Mark O. Medford

- 3 -

(7) Special Program on the Master Fuse List

By letter dated March 30, 1992, the staff transmitted the supplemental safety evaluation on this issue, thus completing the program review. The NRR and Region II staff will continue to monitor TVA's implementation of this program.

Sincerely,

Original signed by

Steven A. Varga, Director
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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NAME	MSanders <i>MS</i>	PTam:dw/as <i>PT</i>	RHerran <i>RH</i>	JStolz <i>JStolz</i>
DATE	4/15/92	4/15/92	4/15/92	4/15/92

OFC	SRLB	PDII-4/D	AD	DRPE
NAME	JMcCracken	FHebdon	Alainas	SVarga
DATE	4/ /92	4/16/92	4/16/92	4/16/92

Watts Bar Nuclear Plant

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