

September 9, 1993

Docket Nos. 50-390
and 50-391

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford, Vice President
Technical Support
3B Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Dr. Medford:

SUBJECT: WATTS BAR NUCLEAR PLANT - REQUEST FOR ADDITIONAL INFORMATION
CONCERNING THE POSTULATED STEAM GENERATOR TUBE RUPTURE OPERATOR
ACTION TIME (TAC M77569)

By letter dated April 13, 1993, TVA provided a Watts Bar-specific steam generator tube rupture (SGTR) analysis in response to the five concerns described in SSER 5. The staff has reviewed the submittal, and concludes that the information regarding reactor system response (Items 3, 4 and 5) is acceptable, and will publish details of its review in SSER 12. The staff, however, found that additional information is needed to complete the review of Item 1, regarding operator response time. Details are delineated in the enclosed request for additional information.

If you need clarification on this RAI, we will be available to discuss it with you in a conference call. We will discuss with your staff, in the next licensing status meeting, a mutually acceptable target date for your response. This requirement affects nine or fewer respondents and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,

Original signed by

Peter S. Tam, Senior Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Request for Additional Information

cc w/enclosure:
See next page

OFFICE:	PDII-4/LA	PDII-4/PM	PDII-4/D
NAME	BClayton <i>BC</i>	PTam <i>PST</i>	Fhebbon <i>F</i>
DATE	9/9/93	9/9/93	9/9/93

DOCUMENT NAME: WBRAI

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DOCUMENT NAME: WBRAI

Watts Bar Nuclear Plant

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford

cc:

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Enclosure

REQUEST FOR ADDITIONAL INFORMATION
POSTULATED STEAM GENERATOR TUBE RUPTURE
WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2
DOCKET NOS. 50-390 AND 50-391

By letter dated April 13, 1993, TVA provided a Watts Bar-specific steam generator tube rupture (SGTR) analysis in response to the five itemized concerns described in SSER 5. The staff has reviewed the submittal, and concludes that the information regarding reactor system response (Items 3, 4 and 5) is acceptable, and will publish details of its review in SSER 12. The staff, however, found that additional information is needed to complete review on Item 1, regarding operator response time. The requested information has been discussed with TVA staff in a teleconference on August 13, 1993.

1. Provide demonstrated operator action times for an overfill scenario that are bound by those times assumed in the plant-specific SGTR analysis for Watts Bar.
2. Provide assurance that the demonstration runs for the overfill scenario include participation by no less than 80 percent of Watts Bar operators.