

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 20, 1982



Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Ms. Adensam:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391

By letter dated April 2, 1982 from D. G. Eisenhut to H. G. Parris, TVA was provided with a list of 32 open items in the draft Safety Evaluation Report (SER) for Watts Bar Nuclear Plant. It was indicated that TVA needed to provide input on 18 of these items. It was also indicated that for the SER to be published it could not contain more than approximately 20 open items.

Enclosed is a listing of those items indicated by the NRC letter as requiring TVA action including schedules for submittal of outstanding information. Also included is one new NRC question requiring TVA input. Please note that information on two of these has been submitted.

Since TVA has not received any additional questions on the remaining items listed in the NRC letter of April 2, 1982, we assume that the NRC review is complete and these items will be removed from the SER open items list. This results in 17 open items as of this date which is below the maximum of 20 indicated for NRC publication of the SER.

If you have any questions concerning this matter, please get in touch with D. P. Ormsby at FTS 858-2682.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Licensing

Sworn to and subscribed before me
this 20th day of April 1982

By Bryant M. Lowery
Notary Public

My Commission Expires 4/8/86

Enclosure
cc: See page 2

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Boo! 5/1/1

Director of Nuclear Reactor Regulation

April 20, 1982

cc: U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

WATTS BAR NUCLEAR PLANT OPEN SER ITEMS

<u>Item</u>	<u>Status</u>	<u>Date Due NRC (Commitment Date)</u>	<u>References</u>
1. Settlement monitoring for Category I structures	The information needed for resolution of this issue was submitted to the NRC on 4/2/82.	NRC action	SER Item 3 L. M. Mills' letter to E. Adensam dated 4/2/82.
2. Preservice and inservice inspection program	TVA submitted preservice inspection program to NRC 10/26/81. TVA received <u>formal</u> NRC questions by letter of 1/15/82. Responses require some long-term efforts.	7/9/82	SER Item 5 L. M. Mills' letter to E. Adensam dated 10/26/81. Letter from E. Adensam to H. G. Parris dated 1/15/82.
3. Class 2 and 3 supports	During a telecon on 4/1/82 NRC asked for a revision to 1/29/82 submittal. NRC informally provided a new curve.	7/15/82	SER Item 8
4. Model D-3 steam generator preheater tube degradation	This Westinghouse identified item was discussed in letters to the NRC on 4/2/82 and 3/1/82. Resolution of this generic problem is being evaluated.	4/83	SER Item 9 L. M. Mills' letters to E. Adensam dated 3/1/82 and 4/2/82.
5. Safety Valve Sizing Analysis	TVA response to general NRC question submitted 12/23/81. New question received informally 1/19/82, formally by NRC letter of 1/22/82. Response in preparation by Westinghouse.	6/11/82	SER Item 11 TVA letter to NRC dated 12/23/81. NRC letter of 1/22/82.
6. BTP-CSB 6-4	LOCA analysis in preparation by Westinghouse to be used by TVA to prepare response.	5/10/82	SER Item 12 Q22.49

WATTS BAR NUCLEAR PLANT OPEN SER ITEMS

<u>Item</u>	<u>Status</u>	<u>Date Due NRC (Commitment Date)</u>	<u>References</u>
7. Compliance of proposed design changes to the offsite power system to GDC 17 and 18.	TVA's proposed changes to the final safety analysis report on Watts Bar compliance were provided to the NRC informally on 2/17/82 and formally on 4/15/82.	NRC action	SER Item 13 TVA letter from L. M. Mills to E. Adensam dated 4/15/82.
8. NUREG-0612	NRC letter of 2/3/81 requested information on heavy loads at WBN. Letter of 10/28/81 provided TVA agreement to implement interim procedures. Information on Sections 2.1 and 2.2 to be provided by 6/22/82. Section 2.3 by 8/11/82.	6/22/82 8/11/82	SER Item 16
9. Seismic qualification of cement mortar lining	By letter dated 12/24/81, TVA notified the NRC that tests were being conducted for use of cement mortar lining in ERCW piping. On 3/18/82 TVA was notified by telephone that the results of the seismic evaluation were needed for NRC review. This results in a new SER open item. FSAR revisions telecopied to the NRC on 3/31/82. During a telecon on 4/9/82 the NRC requested an expansion of the statement of accelerations tested during shipping and statement of integrity of lining during testing.	4/23/82	SER Item 17 Letter from L. M. Mills to E. Adensam dated 12/24/81.

WATTS BAR NUCLEAR PLANT OPEN SER ITEMS

<u>Item</u>	<u>Status</u>	<u>Date Due NRC (Commitment Date)</u>	<u>References</u>
10. Fire Protection	<p>TVA's Appendix R submittal to include the following as discussed with the NRC in a meeting on 2/18/82:</p> <ul style="list-style-type: none"> - 1-hour fire rated barriers - Closure of fire doors - Emergency lighting - Alternate shutdown system analysis 	7/9/82	SER Item 18
11. Diesel Generators	NRC unable to obtain information from D.G. vendors	To be determined - Schedule based on receipt of NRC request	SER Items 19, 21, and 22
12. Diesel Generators	to resolve generic issues:		
13. Diesel Generators	<ol style="list-style-type: none"> 1. Regulatory Guide 1.26 compliance. 2. D.G. engine cooling pre-heat system. 3. D.G. engine lube oil system. <p>TVA received an informal copy of NRC questions sent to vendors. NRC to request this information of TVA. TVA to contract with vendors to provide information so NRC can develop its generic position.</p>		

WATTS BAR NUCLEAR PLANT OPEN SER ITEMS

<u>Item</u>	<u>Status</u>	<u>Date Due NRC (Commitment Date)</u>	<u>References</u>
14. Description of solid radwaste system	Revisions to Chapter 11 of the Watts Bar Final Safety Analysis Report were provided on 3/29/82. TVA to provide a letter stating that the process control program will be submitted to the NRC by 8/30/82.	4/23/82	SER Item 23 TVA letter from L. M. Mills to E. Adensam dated 3/29/82.
15. Security Plan	Response to NRC questions in preparation. NRC site visit held 4/13/82.	5/21/82	SER Item 24 NRC letters dated 2/5/82 and 3/8/82.
16. Initial test program	On 3/30/82 TVA received an informal request from NRC to address compliance with Regulatory Guides 1.68, Rev. 2; 1.20, Rev. 2; and 1.79, Rev. 1. TVA's position on R.G. 1.68 to be submitted by 4/23/82. TVA's response on the remaining to be submitted by 6/4/82.	4/23/82 6/4/82	SER Item 25
17. SORT Audit	TVA has received an informal list of 33 pieces of equipment from the NRC. TVA provided detailed information in accordance with forms provided by the NRC and submitted this information on 4/20/82. NRC seismic equipment audit to be held the week of 4/26/82.	4/27-30/82 (meeting)	SER Item 32

WATTS BAR NUCLEAR PLANT OPEN SER ITEMS

<u>Item</u>	<u>Status</u>	<u>Date Due NRC (Commitment Date)</u>	<u>References</u>
18. Environmental Qualification of Equipment	Report required by NRC. Commission order of 9/30/80 in preparation.	3/8/83	NUREG-0588 SER Item 33
<u>Additional NRC Question</u>			
19. Hydrogen Analysis	TVA provided a revision to Chapter 15 of the final safety analysis report on 3/4/82. On 4/16/82 TVA was informed by telephone that NRC question 22.70 would have to be revised to close this item.	6/11/82	SER Item 10 TVA letter from L. M. Mills to E. Adensam dated 3/4/82.