

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

NOV 03 1986

Director of Nuclear Reactor Regulation
Attention: Mr. B. Youngblood, Project Director
PWR Project Directorate No. 4
Division of Pressurized Water
Reactor (PWR) Licensing A
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Youngblood:

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

WATTS BAR NUCLEAR PLANT (WBN) - RTD BYPASS LOOP AND UTILIZATION OF EAGLE 21 ELECTRONICS

As discussed in my letter to you dated October 9, 1986, a meeting was held between TVA and NRC on October 14, 1986 on the elimination of the RTD bypass loop and the utilization of Eagle 21 electronics for WBN unit 1. This meeting was a programmatic management overview meeting to discuss the feasibility of a proposed licensing schedule which would allow for this modification to have a Safety Evaluation Report issued by June 1, 1987. A technical overview of the modification was also presented.

Based on a conversation on October 15, 1986 between you and J. A. McDonald, WBN Site Licensing Manager, it is my understanding that NRC can support the enclosed licensing schedule (presented in the meeting), provided that TVA meets the schedule for providing the required information to NRC. Based on subsequent discussions with the NRC Watts Bar Project Manager, I understand that NRC intends to utilize some of the same reviewers who have gained experience from similar programs at Houston Lighting and Power's South Texas Project. As discussed in the meeting, TVA believes this will be beneficial to the efficient review of our program.

As a result of obtaining your support on the licensing schedule, TVA will proceed with the design, engineering, and procurement for the modification for WBN. Submittals to NRC will be provided according to the agreed upon schedule.

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Director of Nuclear Reactor Regulation

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Thank you for your cooperation in this matter. If you have any questions on this topic, please get in touch with Bernie Gergos at (615) 365-8837.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


R. Gridley, Director
Nuclear Safety and Licensing

Enclosure

cc (Enclosure):

U.S. Nuclear Regulatory Commission (2)
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

U.S. Nuclear Regulatory Commission
Region II
Attn: G. G. Zech, Director, TVA Projects
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

U.S. Nuclear Regulatory Commission
Attn: Mr. Tom Kenyon, Watts Bar Project Manager
7920 Norfolk Avenue
Bethesda, Maryland 20814

ENCLOSURE

LICENSING SCHEDULE
WATTS BAR NUCLEAR PLANT

	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>	<u>JAN.</u>	<u>FEB.</u>	<u>MAR.</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>
1. TVA/NRC Kickoff Meeting	10/14								
2. Submit FSAR Chapters 5 & 7 to NRC for review (12 weeks allocated for NRC review process)			12/1						
3. Submit Validation & Verification (V&V) Plan to NRC for review (23 weeks allocated for NRC review process)			12/29						
4. Complete review of FSAR Chapters 5 & 7 and provide comments to TVA				1/12					
5. Submit FSAR Chapter 15 to NRC for review (9 weeks allocated for NRC review process)				1/26					
6. TVA/NRC first audit premeeting				1/26					
7. NRC audit of Design Process & Application of V&V Plan					2/2				
8. Resolve NRC comments to FSAR Chapters 5 & 7					2/23				

LICENSING SCHEDULE
WATTS BAR NUCLEAR PLANT

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9. Complete review of FSAR Chapter 15 & provide comments to TVA					2/23				
10. Issue audit reports on Design Process & Application of V&V Plan						3/9			
11. Resolve NRC comments to FSAR Chapter 15						3/30			
12. Respond to first audit open items						3/30			
13. TVA/NRC final audit preMeeting and resolve first audit comments							4/20		
14. NRC audit of test process & test results (final audit)							4/27		
15. Issue SER									6/1

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