



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 9, 1994

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 - FINAL ENVIRONMENTAL STATEMENT UPDATE  
(TAC NOS. M88691 AND M88692)

The purpose of this letter is to request the Tennessee Valley Authority (TVA) to update the information used by the staff in the Watts Bar Final Environmental Statement (FES). The current Watts Bar FES was published in 1978 and, for the most part, references data collected in the early 1970s. Due to the extended period of time since the issuance of the FES, the staff believes it is reasonable to assume that the affected environment could have changed significantly. 10 CFR 51.92 requires the NRC staff to prepare a supplement to a final environmental impact statement (FEIS) if the proposed action has not been taken, and

"There are substantial changes in the proposed action that are relevant to environmental concerns; or

"There are significant new circumstances or information relevant to environmental concerns and bearing on the proposed actions or its impacts."

Therefore, the staff is requesting updated environmental information from TVA so that an evaluation can be completed to determine if the staff should issue a supplement to the Watts Bar FES. It is the staff's understanding that TVA has already collected information relevant to this issue. At this time, the staff is requesting only information that has already been collected and documented. After the review of this information, the staff may request additional information. TVA should reference Regulatory Guide (RG) 4.2, Revision 2, "Preparation of Environmental Reports For Nuclear Power Stations," and provide available information on the topics discussed in Chapters 2-8 and 12 of the RG, and any other relevant information that would assist the staff in its evaluation. In the information provided, TVA should also include a discussion of any environmental impacts of Watts Bar severe accident mitigation design alternatives that TVA plans to implement.

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Dr. Mark O. Medford

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

cc: See next page

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*Hodgdon has no  
legal objection.  
PST*

OFC	PDII-4/LA <i>BAC</i>	PDII-4/PM	OGC	PDII-4/D	
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## WATTS BAR NUCLEAR PLANT

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