

March 8, 1995

Mr. Oliver D. Kingsley, Jr.  
President, TVA Nuclear and  
Chief Nuclear Officer  
Tennessee Valley Authority  
6A Lookout Place  
1101 Market Street  
Chattanooga, Tennessee 37402-2801

SUBJECT: WATTS BAR UNIT 1 - REVISED RESPONSE TO GENERIC LETTER 88-17  
REGARDING LOSS OF DECAY HEAT REMOVAL (TAC M69792)

Dear Mr. Kingsley:

In a letter dated May 31, 1989, responding to Generic Letter 88-17, TVA indicated that two methods were to be used for wide range level indication for Watts Bar. However, TVA had not finalized the two methods for narrow range indication.

By letter dated February 7, 1995, TVA states that two independent reactor coolant system water level indications will be used for narrow range indication. These are: (1) an ultrasonic level measurement system (ULMS), and (2) a differential pressure type level instrument loop. Both instruments will have visible and audible alarms in the control room.

In addition, TVA revised the response regarding wide range level indication, stating that a differential pressure type level instrument loop is used, and that the range of indication is from the bottom of the hot leg to above the lowest pressurizer instrument tap. The previous response provided a range from the bottom of the hot leg to above the vessel flange.

We find that these two independent methods for narrow range indication, and the revised response for the wide range indication, are acceptable and do not change the conclusion we conveyed in letters of June 19, 1990 and October 2, 1990.

Sincerely,

Original signed by  
Peter S. Tam, Senior Project Manager  
Project Directorate II-4  
Division of Reactor Projects II-4  
Office of Nuclear Reactor Regulation

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Docket No. 50-390

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