



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

FEB 07 1995

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

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

WATTS BAR NUCLEAR PLANT (WBN) Unit 1 and 2 - GENERIC LETTER 88-17, LOSS
OF DECAY HEAT REMOVAL - REVISED RESPONSE TO ITEM 4 (TAC NO. M69792)

This letter revises the TVA response dated May 31, 1989, concerning Item 4
of the Generic Letter 88-17, "Expeditious Actions" for WBN.

Generic Letter 88-17 required that licensees or holders of construction
permits submit a report to the NRC covering the following:

- (1) A description of the actions taken to implement each of the eight
recommended expeditious actions identified in the attachment of the
generic letter within 60 days of receipt of the generic letter.
- (2) A description of enhancements, specific plans, and a schedule for
implementation for each of six programmed enhancement
recommendations identified in the attachment of the generic letter
within 90 days of receipt of the generic letter.

Item 4 in the "ATTACHMENT TO GENERIC LETTER RECOMMENDED ACTIONS,"
"Expeditious Actions," recommends at least two independent, continuous
reactor coolant system (RCS) water level indications whenever the RCS is
in a reduced inventory condition. TVA's previous response to this item
stated that reactor vessel level indication system (RVLIS) would be used
for wide range level indication and that TVA had not yet decided which
option to utilize for narrow range level indication.

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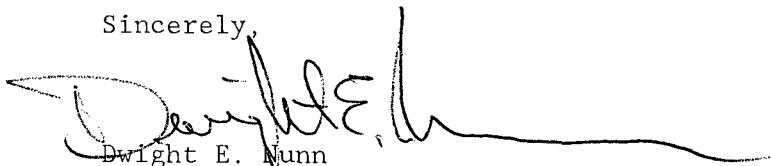
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TVA has since decided to use the following monitoring systems to meet the recommended "Expeditious Actions" of Item 4:

- o Wide Range Level Indication - A differential pressure type level instrument loop is utilized. The range of indication is from the bottom of the hot leg to above the lowest pressurizer instrument tap. Indication with visible and audible alarms will be provided in the main control room.
- o Narrow Range Level Indication - Two independent, RCS water level indications will be used whenever the RCS is in a reduced inventory condition. An ultrasonic level measurement system (ULMS) and a differential pressure type level instrument loop will be utilized. Both instruments will have a range of indication that encompasses the inside diameter of the hot leg pipe. Indication with visible and audible alarms will be provided in the main control room for the differential pressure type level instrument loop. The ULMS will have indication with visible and audible alarm capability in the Main Control Room on the emergency response facility data system computer.
- o Backup Indication - Correct as stated in the May 31, 1989 response. No revision required.

No additional commitments are made in this submittal. If you should have any questions, please telephone John Vorees at (615)-365-8819.

Sincerely,



Dwight E. Munn
Vice President
New Plant Completion
Watts Bar Nuclear Plant

cc: NRC Resident Inspector
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