

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

OCT 24 1990

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) - CONTROL ROOM DESIGN REVIEW (CRDR) CORRECTIVE ACTION PROGRAM

During the August 21-23, 1990 audit, NRC requested that TVA submit a list of all remaining Category 1 and Category 2 safety-significant human engineering discrepancies (HEDs) along with a scheduled completion date. Enclosed is a list of the remaining HEDs with a projected completion schedule for each.

The completion dates shown could, however, change as a result of ongoing, site-integrated schedule activities. Most panel modifications have already been completed, and final completion is pending closure of workplans, design change notices, and completion of other required project interfaces. It is TVA's intention to complete all HEDs prior to fuel load of Unit 1.

If there are any questions, please telephone P. L. Pace at (615) 365-1824.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*R. H. Shell*  
for E. G. Wallace, Manager  
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Enclosure  
cc: See page 2

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cc (Enclosure):

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## ENCLOSURE

WATTS BAR NUCLEAR PLANT (WBN)  
 CONTROL ROOM DESIGN REVIEW (CRDR)  
 HUMAN ENGINEERING DISCREPANCY (HED) SCHEDULE

HED	SHORT TITLE	SAFETY	SCHEDULED COMPLETION
<u>Category 1</u>			
099	Lack of Narrow Range Containment Pressure Indication in the Horseshoe	Yes	01/23/91
151	Eberline System Usability	Yes	08/26/91
153	Lack of Adequate Pyrotronics Alarm Power Supply for the Control Room Panels	Yes	01/23/91
159	Lack of Feedwater Isolation Reset and Status	Yes	01/23/91
200	Lack of Phase B Isolation Status Lights	Yes	01/23/91
202	Functional Description Not Included in Change Package	Yes	02/28/91
<u>Category 2</u>			
008	Industrial Safety/Personnel Electrical Shock Hazard	Yes	02/15/91
015	Noise Problems	Yes	08/26/91
157	Panel Layout Problems on M-3/M-4	Yes	01/23/91
163	M-6 Panel Layout, Emergency Core Cooling System Layout	Yes	01/23/91
167	M-9 Panel Layout	Yes	01/23/91
176	Pressure Indicator for Annulus Vacuum Not Located on M-27 With EGTS. Alarm Setpoint is Such That LCO Exists Before Alarm Comes In	Yes	01/23/91