



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

JUN 01 1992

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) - EMPLOYEE CONCERN SPECIAL PROGRAM (ECSP)

In a letter dated April 24, 1992, NRC provided TVA with information concerning employee-identified specific hardware deficiencies which had not previously been made available to TVA. TVA has begun a review of this additional information to determine what program would address each issue and to determine if the program would ensure adequate resolution of each issue. The results of this review for the concerns which TVA was immediately able to address are provided in Enclosure 1. Due to complexity and the amount of research time required, Enclosure 2 provides the process for which the additional information for the remaining concerns will be reviewed. TVA expects to complete the review of this additional information in approximately 60 days and will provide the results to NRC by August 17, 1992.

If you have any questions, please telephone Paul Pace at (615) 365-1824.

Sincerely,

William J. Museler  
Site President

Enclosures  
cc: See page 2

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JUN 01 1992

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ENCLOSURE 1  
WATTS BAR NUCLEAR PLANT (WBN)  
ECSP CONCERN REVIEW MATRIX

<u>CONCERN NUMBER</u>	<u>HARDWARE DEFICIENCY</u>	<u>REVIEW RESULTS</u>
WBP-85-017-005 WBP-85-017-006	Test procedure TVA-74E was written to find wiring errors in the number 5 diesel. The other four diesels were not to be tested, yet, TVA personnel suspect wiring errors in the other four diesels.	WBN has committed to perform a new test program to the requirements of Regulatory Guide 1.68, Revision 2. The new test program requires that electrical circuits be tested to our new generic component test program before any preoperational or acceptance test is performed. This program requires circuits on the five diesel generators be tested by energized functional tests, and any problems resolved prior to the preoperational test being performed.
IN-86-070-004	Elevation 755 card reader between Shift Engineer office and Control Room can be banged with hard hat to allow access.	Design Change Notice (DCN) M-13665 has been issued to replace existing card readers with new card readers under the security systems upgrade project. The new card readers are constructed such that their operation could not be affected by an external blow to allow unauthorized access.
IN-86-070-007	Security cameras 3, 4, 5, and 6 have noise on the line such that picture quality could be adversely affected.	DCN M-13662 has been issued to replace the referenced cameras with new cameras and a fiber-optic video signal transmission system under the security systems upgrade project. The new cameras and video signal transmission system are not subjected to induced noise interference as was the old equipment.

ENCLOSURE 1  
WATTS BAR NUCLEAR PLANT (WBN)  
ECSP CONCERN REVIEW MATRIX

<u>CONCERN NUMBER</u>	<u>HARDWARE DEFICIENCY</u>	<u>REVIEW RESULTS</u>
IN-86-229-003	Security system hardware on doors.	(Security aspect of this concern only - See Enclosure 2 for fire protection aspect.) DCN M13665 has been issued to replace existing security system hardware on security doors under the security systems upgrade project.
MR A526823	The work performed on MR A526823 for the Centrifugal Charging Pump may not have been properly accomplished.	<p>This work document was reviewed by both Maintenance and Technical Support personnel. This review indicated that work was properly accomplished. No technical problems were noted. Both Quality Control and Maintenance Engineers were involved during various stages of work completion and had hold points that were properly signed off.</p> <p>This Maintenance Request (MR) is currently in post maintenance testing (PMT) hold awaiting system completion and alignment that will permit a pump run to accomplish the PMT. The completion schedule for the PMT is the startup and test milestone for System 62 testing complete. Without further specific details of what may not have been accomplished properly, TVA considers no further action is required.</p>

ENCLOSURE 1  
WATTS BAR NUCLEAR PLANT (WBN)  
ECSP CONCERN REVIEW MATRIX

<u>CONCERN NUMBER</u>	<u>HARDWARE DEFICIENCY</u>	<u>REVIEW RESULTS</u>
OW-85-004-001 OW-85-004-N01	QCP-4.23 required: Hangers on piping 3 inches in diameter or less will be 12 inches from the joint. Concerned individual stated that this requirement was misinterpreted by several different inspectors because they did not know where to measure from in cases where there were elbows or tees involved. The QCP was revised to clarify this area, but no additional inspection of hanger placement was performed.	<p>A review has been performed on revisions of Quality Control Procedure QCP-4.23 and of G43 during that timeframe. This review concluded that a requirement for hangers on 3-inch diameter or less pipe will be 12 inches from the joint did not exist.</p> <p>Therefore, this concern could not be confirmed. However, in 1988, TVA performed walkdown procedure, WP-32, "Walkdown of As-Built Piping Under the Scope of Hanger Analysis and Update Program," to obtain data on various hanger attributes. One of these attributes was to verify hanger location. As a result of this walkdown, new designs on hangers have been developed and are being implemented. No further action is required.</p>

ENCLOSURE 2  
 WATTS BAR NUCLEAR PLANT (WBN)  
 ECSP CONCERN REVIEW MATRIX

As previously stated due to the complexity and time required to investigate, the following concerns will undergo the process described in Figure 1 below:

EX-85-034-001

HI-85-001-001  
 HI-85-103-001

IN-85-050-002  
 IN-85-085-001  
 IN-85-089-003  
 IN-85-299-003  
 IN-85-529-002  
 IN-85-593-001  
 IN-85-682-001  
 IN-85-947-003  
 IN-85-993-001  
 through 012

IN-86-029-001  
 IN-86-003-001  
 IN-86-076-001  
 IN-86-076-X02  
 IN-86-219-001  
 IN-86-229-003 (Fire  
 Protection aspect)  
 IN-86-314-005

PH-85-001-010

WBP-85-016-003

WI-85-064-001  
 WI-85-064-X04  
 WI-85-064-002  
 WI-85-064-005  
 WI-85-064-003

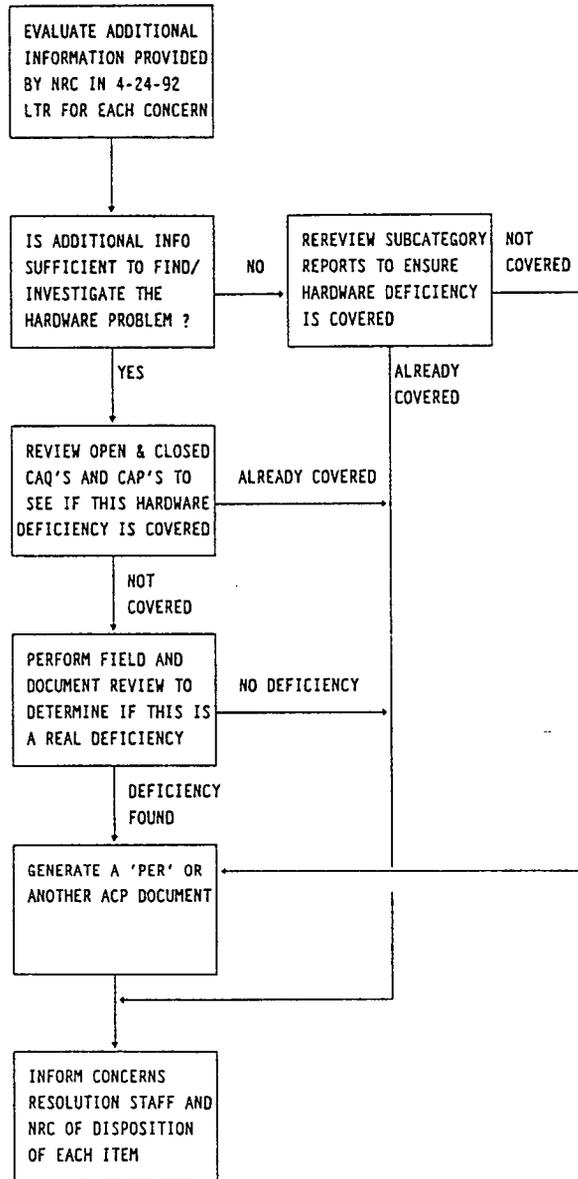


FIGURE 1