UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NRC INSPECTION MANUAL

TEMPORARY INSTRUCTION 2512/041

INSPECTION OF WATTS BAR NUCLEAR PLANT
RADIATION MONITORING SYSTEM SPECIAL PROGRAM

SALP CATEGORY: SCAUX

2512/041-01 OBJECTIVE

The objective of this inspection program is to gather sufficient information to make a determination as to whether TVA's Radiation Monitoring System Special Program (SP) plan has been satisfactorily implemented to ensure that the problems it addressed are being adequately resolved.

2512/041-02 BACKGROUND

On February 20, 1985, TVA certified that Watts Bar was ready for an operating license. On April 11, 1986, as a result of over 5000 employee concerns, TVA withdrew their certification that Watts Bar was ready for licensing.

The Watts Bar Task Force was established in 1986 to determine what corrective actions were needed in order to recertify that WBNP was ready for an operating license. The corrective actions grouped similar previously identified problems and identified them as special programs. Because of previous corrective action program problems, an independent Watts Bar Program Team was formed in 1987 to perform an integrated systematic evaluation of Watts Bar to look beyond known problems and perform an overall evaluation of plant design and construction in order to identify all of the corrective actions necessary to license Watts Bar. The Program Team developed the Watts Bar Program Plan which outlined the overall strategy for systematically evaluating Watts Bar.

The program plan included a vertical slice review of the component cooling water system and the electrical emergency auxiliary power system. The Program Team was responsible for developing the WBNP Nuclear Performance Plan which describes the actions taken or planned to identify, document, investigate, and correct problems at WBNP. The Program Team was also responsible for recommending 18 Corrective Action Program (CAP) plans and 11 Special Programs (SP), all of which were submitted to the NRC for review. In July 1989, TVA submitted the CAP Matrices which list the open conditions adverse to quality, employee concerns, etc., that would be resolved by each CAP. These CAP and SP plans have been reviewed by the NRC as documented in their respective Safety Evaluation Reports.

2512/041-03 INSPECTION REQUIREMENTS

03.01 Interim Inspections. Sample the corrective actions for each of the CAP or SP issues to determine whether the program implementation is adequate to resolve the described conditions. The inspection should include field verification of corrective actions for safety-related hardware.

The inspection activity should include verification of proper program implementation at interim points as determined by Region II management.

03.02 Final Inspection. Perform a final inspection after TVA certifies that the CAP or SP is complete.

2512/041-04 REPORTING REQUIREMENTS

Inspection findings will be documented in a routine inspection report.

2512/041-05 COMPLETION SCHEDULE

The inspection requirements defined by this TI should be completed by October 1, 1994.

2512/041-06 EXPIRATION

This TI will expire on December 30, 1994.

2512/041-07 CONTACT

Questions regarding the technical aspects of this TI should be addressed to K. Barr, Region II, FTS 404-841-0342.

2512/041-08 STATISTICAL DATA REPORTING

For RITS, time spent on direct inspection effort for this TI should be recorded against code 2512/041.

2512/041-09 ORIGINATING ORGANIZATION INFORMATION

09.01 Organization/Responsibility. Region II initiated this TI.

09.02 Resource Estimate. The estimated direct inspection effort, for planning purposes only, is 100 hours.

END