

NOTICE OF VIOLATION

Tennessee Valley Authority  
Watts Bar Unit 1

Docket No. 50-390  
License No. NPF-90  
EA 97-177

During an NRC inspection conducted on April 27 through June 7, 1997, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

- A. Technical Specification 5.7.1.1 requires that written procedures be established, implemented, and maintained for activities recommended in Appendix A of Regulatory Guide 1.33, Quality Assurance Program Requirements, Revision 2, February 1978. This includes procedures for responding to alarms.

Watts Bar Site Standard Practice SSP-12.01, Conduct of Operations, Revision 6, Section 2.6.B, requires for control board indications and alarms, that prompt actions be taken to address and correct abnormalities.

Contrary to the above, on May 2, 1997, operators failed to promptly take prompt action to address and correct an alarm for low air pressure on Diesel Generator 2A-A.

This is a Severity Level IV violation (Supplement I).

- B. Technical Specification 5.7.1.1 requires that written procedures be established, implemented, and maintained for activities recommended in Appendix A of Regulatory Guide 1.33, Quality Assurance Program Requirements, Revision 2, February 1978. This includes procedures for Technical Specifications surveillance tests.

Surveillance Instruction O-SI-30-8-B, Auxiliary Building Gas Treatment System (ABGTS) Train B 10-Hour Operation, Revision 1, Step 6.0.(14), requires operators to verify that heater outlet temperature for the Auxiliary Building Gas Treatment System has increased to confirm heater operation.

Technical Specifications Surveillance Requirement 3.7.12.1 requires that each train of Auxiliary Building Gas Treatment System be operated for greater or equal to 10 continuous hours with the heaters operating every 31 days.

Enclosure 1

9707230365 970707  
PDR ADOCK 05000390  
G PDR

Contrary to the above, on January 18, 1997, operators failed to adequately verify that heater outlet temperature for ABGTS had increased and therefore heater operation was not confirmed. This resulted in failure to implement Technical Specifications Surveillance Requirement 3.7.12.1. for Train B of the Auxiliary Building Gas Treatment System. The heaters for Train B of Auxiliary Building Gas Treatment System were, in fact, inoperable which was not discovered until the next test on February 14, 1997.

This is a Severity Level IV violation (Supplement I).

- C. Technical Specification 5.7.1.1, requires, in part, that procedures shall be established, implemented, and maintained governing the activities recommended in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978, Section 1.

Radiological Control Instruction RCI-101, Radiation, Contamination, and Airborne Surveys, Section 2.2 e. requires that, "Radiation Surveys will be performed at least semiannually in areas outside the RCA (e.g., shops, offices, storage areas, Rhea County Landfill, and ground surveys at the Site Restricted Area boundary fence)."

Contrary to the above, on May 16, 1997, the radiation surveys for the Rhea County Landfill were determined not to have been performed on at least a semiannual frequency. These surveys, at that time, had not been performed since the plant was licensed.

This is a Severity Level IV violation (Supplement IV).

- D. Technical Specification 5.7.1.1, requires, in part, that procedures shall be established, implemented, and maintained governing the activities recommended in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978.

Site Standard Practice SSP-9.53, Reviewing and Approving Field Work Required DCNs, requires that heat trace for radiation monitor 1-RE-90-129 was required by calculations (EPM-APA-111694) and design drawing (47W600-465Q) associated with Design Change Notice 33688-B. This procedure also requires, as part of the actions required for design change notice closure, that preventative maintenance requirements be identified for scheduling and tracking.

Contrary to the above, on May 16, 1997, effluent radiation monitor (1-RE-90-129) heat trace circuits were not part of the preventative maintenance program.

This is a Severity Level IV violation (Supplement IV).

Pursuant to the provisions of 10 CFR 2.201, Tennessee Valley Authority is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region II, and a copy to the

NRC Resident Inspector at the Watts Bar facility within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, then please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the basis for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.790(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

Dated at Atlanta, Georgia  
this 7th day of July 1997