Watts Bar 1

Initiating Events

Significance: G Dec 21, 2002
Identified By: NRC
Item Type: NCV NonCited Violation
Failure to Meet Conditions of License.
Green. A grading error on a comprehensive licensed operator requalification biennial written examination allowed two failed licensed operators to receive passing scores and return to shift without remediation. A non-cited violation (NCV) of 10 CFR 50.54(i) was identified. This finding is greater than minor because it allowed two failed licensee operators to return to shift without remediation. The finding was of very low safety significance, as determined by the Operator Requalification Human Performance SDP, Manual Chapter 0609, Appendix I.
Inspection Report# : 2002004*(pdf)*

Significance: G Sep 14, 2002
Identified By: Self Disclosing
Item Type: FIN Finding
AUTO TURBINE/REACTOR TRIP - MAIN TRANSFORMER PROTECTION CIRCUIT GROUND DUE TO INADEQUATE CABLE SPLICE
A self-revealing, finding was identified for inadequate work controls for an electrical splice associated with a main generator C-phase current transformer. The finding was of very low safety significance because, although it caused a reactor trip, it did not increase the likelihood of a primary or secondary system loss of coolant accident initiator, did not contribute to a combination of a reactor trip and loss of mitigation equipment functions, and did not increase the likelihood of a fire or internal/external flood.
Inspection Report# : 2002003*(pdf)*

Significance: G Sep 14, 2002
Identified By: Self Disclosing
Item Type: NCV NonCited Violation
FAILURE TO ADEQUATELY IMPLEMENT A RISK MANAGEMENT ACTION
A self-revealing, non-cited violation of 10 CFR 50.65 (a) (4) was identified for inadequate implementation of a risk management action to protect vital DC busses during maintenance on a 6.9 KV shutdown boardroom chiller. The finding was of very low safety significance because, although it increased the likelihood of a reactor trip, it did not increase the likelihood of a primary or secondary system loss of coolant accident initiator, did not contribute to a combination of a reactor trip and loss of mitigation equipment functions, and did not increase the likelihood of a fire or internal/external flood
Inspection Report# : 2002003*(pdf)*

Significance: G Jun 15, 2002
Identified By: NRC
Item Type: NCV NonCited Violation
FAILURE TO ADEQUATELY PERFORM A POST MAINTENANCE TEST
The inspectors identified a non-cited violation of Technical Specification 5.7.1, Procedures, for failure to perform a post-maintenance test (visual leak checks of flanged connections) at the required system conditions for a reactor coolant pump seal replacement. This finding was of very low safety significance because all mitigation systems were available and another inspection, unrelated to the required post-maintenance test, visually checked the flanged connections at the required system conditions prior to starting up the reactor.
Inspection Report# : 2002002*(pdf)*

Significance: G Mar 16, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
FAILED TO FOLLOW INSTRUCTIONS FOR IMPLEMENTING DCN 50844-A
The licensee identified a non-cited violation of 10 CFR Appendix B, Criterion V, on December 19, 2001, for failure to follow instructions for implementing DCN 50844-A. This resulted in a reactor trip due to an AMSAC actuation.

Inspection Report# : 2001005*(pdf)*

Significance: G Mar 16, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
EXCEEDED OVERTIME GUIDELINES FOR UNIT STAFF WITHOUT ADVANCE AUTHORIZATION
The licensee identified a non-cited violation of Technical Specification 5.2.2 Unit Staff, on March 5 and 14, 2002, for exceeded overtime guidelines without advance authorization for personnel performing safety-related functions.
Inspection Report# : 2001005*(pdf)*

Mitigating Systems

Significance: G Jun 15, 2002
Identified By: NRC
Item Type: NCV NonCited Violation
FAILURE TO CONTROL TRANSIENT COMBUSTIBLES
The inspectors identified a non-cited violation of Technical Specification 5.7.1, Procedures, for failure to follow procedures for storing drums of lubricating oil against a Thermo-lag protected conduit containing control cables necessary for establishing shutdown cooling using the residual heat removal system. A transient combustible evaluation specified that the oil was not to be place under Thermo-lag protected cables. This finding was of very low safety significance because fire detection and suppression systems in the room were not degraded, fire brigade performance has been effective, and manual actions could be performed in a physically independent area to restore the shutdown cooling function.
Inspection Report# : 2002002*(pdf)*

Significance: G Jun 15, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
FAILURE TO PROMPTLY IMPLEMENT COOLING WATER FLOW MONITORING PROGRAM FOR SAFETY-RELATED PUMP ROOM COOLERS
The licensee identified a non-cited violation of 10CFR 50, Appendix B, Criterion XVI, Corrective Action, for failure to implement a periodic flow monitoring program for safety-related pump room coolers. License determined in June 2000, that a flow monitoring program was need because of degraded cooling water flow to safety-related equipment room coolers. In October 2001, inadequate cooling water flow to the 1B RHR pump room cooler was identified during an outage. Licensee's corrective actions were not prompt in that as of December 2001, a periodic flow monitoring program had not been implemented.
Inspection Report# : 2002002*(pdf)*

Significance: G Jun 15, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
FAILURE TO IMPLEMENT SURVEILANCE INSTRUCTION WHEN SUCTION SOURCES TO A RUNNING RHR WERE ISOLATED
The licensee identified a non-cited violation of Technical Specification 5.7.1, Procedures, for failure to adequately implement a Surveillance Instruction when all suction sources to a running RHR pump were isolated on two occasions, during the performance of RHR Hot and Cold Leg Injection Check Valve Testing.
Inspection Report# : 2002002*(pdf)*

Significance: G Jun 15, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
FAILURE TO PLACE ENGINEERED SAFETY FEATURE ACTUATION SYSTEM (ESFAS) CHANNEL IN TRIP POSITION
The licensee identified a non-cited violation of Technical Specification 3.3.2, Condition D, ESFAS Instrumentation, for failure to place an inoperable channel, (Loop 4 main steam header pressure) in the "Trip" position within six hours or be in Mode 3 (hot standby) within 12

hours. Loop 4 main steam header pressure channel was determined to be inoperable for 14 hours and 40 minutes without being placed in the "Trip" position.
Inspection Report# : 2002002*(pdf)*

Significance: G Jun 15, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
FAILURE TO POST A ROVING FIRE WATCH AT INTAKE PUMP STRUCTURE
The licensee identified a non-cited violation of Technical Specification 5.7.1, Procedures, for failure to implement Fire Protection Plan to post a roving fire watch when a fire barrier is inoperable. On May 2002, fire doors at the intake pumping station that seperate emergency raw cooling water strainer rooms were found open and a roving fire watch had not been posted.
Inspection Report# : 2002002*(pdf)*

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Significance: G Mar 16, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
PERSONNEL ENTRY INTO A HIGH RADIATION AREA
The licensee identified a non-cited violation of Technical Specifications 5.11.1b and 5.11.1d, for failure to meet requirements for entry into a high radiation area in that an individual entered without signing in on a radiation work permit and with an inoperable radiation monitoring device.
Inspection Report# : 2001005*(pdf)*

Significance: G Mar 01, 2002
Identified By: Licensee
Item Type: NCV NonCited Violation
FAILURE TO MAINTAIN COMPLETE AND ACCURATE PERSONNEL DOSE RECORDS
The licensee identified a non-cited violation of 10 CFR 20.401, 10 CFR 20.22106 and 10 CFR 50.9 for failure to maintain accurate records of doses received by all individuals for whom monitoring was required. This finding was not processed under the Reactor Oversight Process and was characterized as a severity level IV violation consistant with Supplement VII of the Enforcement Policy because it involved the accuracy of required records.
Inspection Report# : 2002005*(pdf)*

Public Radiation Safety

Physical Protection

Miscellaneous

Significance: SL-II Jun 16, 2001
Identified By: NRC
Item Type: VIO Violation
EMPLOYEE PROTECTED ACTIVITY
On February 7, 2000, a Severity Level II violation with a proposed civil penalty was issued to the licensee. The violation related to corporate activities and involved employment discrimination contrary to the requirements of 10 CFR 50.7, "Employee Protection," in that the licensee did not select a former employee to a competitive position in the corporate chemistry organization in 1996, due, at least in part, to his engagement in protected activities. On January 22, 2001, the licensee denied the violation and on May 4, an Order was issued sustaining the violation and imposing the civil penalty. On June 1, TVA requested an enforcement hearing on the Order.
Inspection Report# : 2001002*(pdf)*

Last modified : March 25, 2003