

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Browns Ferry

Docket No. 50-260
License No. DPR-52

During the Nuclear Regulatory Commission (NRC) inspection conducted on March 14-21, 1988, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1988), the violation is listed below:

10 CFR 50, Appendix B, Criterion V, requires that, activities affecting quality shall be prescribed by documented instructions, procedures or drawings --- and shall be accomplished in accordance with these instructions, procedures or drawings. Paragraph 5.2.3 of TVA's Standard Practice 7.8, Revision 2, entitled: Prevention of Foreign Material in the Reactor Vessel Cavity or Torus states the following:

- Unnecessary loose material will not be allowed within the control zone.
- Accountability will be maintained of all tools and material, and material or accessories on equipment capable of being introduced into the pool or cavity.
- Any activity that could result in the dropping of an item into the reactor pressure vessel will be observed by a person not involved with the activity. This person will verify that any item that could drop into the reactor pressure vessel is tied off with a lanyard, or suitable catch containers are used where it is impossible or impractical to secure items.
- All equipment used in the vessel will be verified complete with no undocumented pieces of the equipment missing when the equipment is put into the vessel.

Contrary to the above on March 17, 1988, the following procedure violations were observed.

- Loose rivets were found on the refueling floor within the control zone and were mistakenly thought to have entered the reactor vessel during a lost item recovery operation.
- Accountability records did not identify what screws or parts were missing on the ultrasonic (UT) scanner used in the vessel.

- Several screws on the UT scanner were intentionally loosened rather than correct a geometric deficiency.
- Screws on the UT scanner were not attached with a lanyard or locking device.
- The Ultrasonic scanner was inserted and removed from the vessel several times to trouble shoot and repair scanner problems. However, the missing screws and roll pin were never identified even after a lost item recovery occurrence, where this scanner was suspected of having lost the parts observed in the vessel cavity and inspection of the scanner device was suppose to have been throughly performed. No one verified or accounted for any of the missing screws or the roll pin.

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

Pursuant to the provisions of 10 CFR 2.201, Browns Ferry, is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include: (1) admission or denial of the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION

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Kenneth P. Barr, Acting Assistant
Director for Inspection Programs
TVA Projects Division
Office of Special Projects

Dated at Atlanta, Georgia
this 20th day of April 1988