

APPENDIX A

NOTICE OF VIOLATION

Entergy Operations, Inc.

Dockets: 50-313

50-368

Arkansas Nuclear One

License: DPR-51

NPF-6

During an NRC inspection conducted on December 26, 1993, through February 5, 1994, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violations are listed below:

- A. Arkansas Nuclear One, Unit 1, Technical Specification 6.8.1 states, in part, that written procedures shall be established, implemented, and maintained covering the applicable procedures recommended in Appendix A of Regulatory Guide 1.33, November 1972 (Safety Guide 33).

Regulatory Guide 1.33, Appendix A, Section E, designates abnormal, offnormal, or alarm conditions as safety-related activities that should be covered by written procedures. Section J similarly designates the maintenance of secondary water chemistry as a safety-related activity.

1. Abnormal Operating Procedure 1203.003, "Control Rod Drive Malfunction Action," Step 3.6, required that, in the event a control rod drive mechanism attained a temperature in excess of 180°F, reactor power was to be reduced to 40 percent and the affected mechanism was to be deenergized.

Contrary to the above, on January 7, 1994, Abnormal Operating Procedure 1203.003 was not properly implemented. Cooling water was temporarily lost to the control rod drive assemblies and one assembly reached a temperature of 185°F. Reactor power was not reduced and electrical power to the affected mechanism was not deenergized.

2. Operating Procedure 1106.028, "Secondary System Chemical Addition," Section 10, provides instructions for the replacement of the morpholine injection tank.

Contrary to the above, on January 19, 1994, Operating Procedure 1106.028 was not properly implemented in that the morpholine supply was replaced with monoethanolamine (ETA). The ETA solution was injected, resulting in a degradation of the secondary plant chemistry.

This is a Severity Level IV violation. (Supplement I) (313/9311-01)

- B. 10 CFR Part 50, Appendix B, Criterion V, requires that activities affecting quality be prescribed by documented instructions, procedures,

or drawings, of a type appropriate to the circumstances and be accomplished in accordance with these instructions, procedures, or drawings.

Procedure 6000.030, Revision 7, "Control of Installation", Step 5.4.4, requires that operating procedures which are affected by modifications be identified and revised.

Contrary to the above, on January 14, 1994, Procedure 2104.036, Revision 36, "Emergency Diesel Generator Operations," had not been revised to include drain valves on three starting air compressors. The physical installation of these valves was accomplished under Plant Change 92-8024, which was completed in March 1993.

This is a Severity Level IV violation (Supplement I) (368/9311-02).

Pursuant to the provisions of 10 CFR 2.201, Entergy Operations, Inc. 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 IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "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. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information 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. Where good cause is shown, consideration will be given to extending the response time.

Dated at Arlington, Texas,
this *1st* day of *April* 1994