

APPENDIX A

NOTICE OF VIOLATION

Entergy Operations, Inc.  
Arkansas Nuclear One, Unit 2

Docket: 50-368  
License: NPF-6

During the NRC inspection conducted during the period May 10 through June 20, 1992, a violation of NRC requirements was identified by your staff. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions, "10 CFR Part 2, Appendix C, the violation is listed below:

10 CFR Part 50.62(c)(1) requires in part that "each pressurized water reactor must have equipment from sensor output to final actuation device, that is diverse from the reactor trip system, to automatically initiate the . . . emergency . . . feedwater system . . . under conditions indicative of an ATWS." ATWS is an acronym for Anticipated Transient Without Scram.

Contrary to the above, the licensee identified on June 5, 1992, as documented on Condition Report CR-2-92-0140, that the diverse emergency feedwater actuation system (DEFAS) was not likely to actuate under conditions indicative of an ATWS. When the motor generator output diverse scram system contactors open, the power supply to the motor generator excitation field will be lost and, as a result, control power to Auxiliary Relays 29X-5 and 29X-6 will be lost. Since these relays were intended to be energized to enable the DEFAS to actuate, DEFAS will likely not actuate during an ATWS. This condition has existed since installation during Refueling Outage 2R8.

This is a Severity Level IV violation. (Supplement 1) (368/9209-01)

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, 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, the Commission may issue an Order or Demand for Information as to 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 *16th* day of *July* 1991