

APPENDIX A

NOTICE OF VIOLATION

Arkansas Power & Light Company  
Arkansas Nuclear One, Units 1 & 2

Dockets: 50-313  
50-368

Operating Licenses: DPR-51  
NPF-6

During an NRC inspection conducted on February 21-26, 1988, a violation of NRC requirements was identified. The violation involved a failure to perform adequate radiological surveys. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1987), the violation is listed below:

Failure to Perform Adequate Radiological Surveys

10 CFR Part 20.201(b) requires that the licensee shall make or cause to be made such surveys as: (1) may be necessary for the licensee to comply with the regulations in this part and (2) are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present. As defined in 10 CFR Part 20.201(a), "survey" means an evaluation of the radiation hazards incident to the production, use, release, disposal, or presence of radioactive materials or other sources of radiation under a specific set of conditions.

10 CFR Part 20.202 states, in part, that a "Radiation Area" means any area, accessible to personnel, in which there exists radiation and a major portion of the body could receive in any 5 consecutive days a dose in excess of 100 millirems. Furthermore, Part 20.203 states, in part, that each radiation area shall be conspicuously posted with signs identifying the radiation area.

In addition, Technical Specifications (TS) 6.10 and 6.11, for ANO Units 1 and 2, respectively, require that procedures for personnel radiation protection shall be adhered to for all operations involving personnel radiation exposure.

Licensee Procedure 1622.003, "Radiological Posting and Entry Requirements," requires that in plant radiation areas outside of Controlled Access be posted at 0.8 mR/hr.

Contrary to the above, the NRC inspector determined on February 25, 1988, during the review of documented radiological surveys that the licensee had used radiation survey instruments in the conduct of surveys which did not have the necessary sensitivity to adequately measure the lower dose rate limits for identifying radiation areas outside of the controlled access and that when areas were documented as having dose rates above the limits, the areas were not properly posted.

This is a Severity Level IV violation. (Supplement IV)(313/8802-01; 368/8802-01)

Pursuant to the provisions of 10 CFR 2.201, Arkansas Power & Light Company is hereby required to submit to this office, within 30 days of the date of the letter transmitting this Notice, a written statement or explanation in reply, including for each violation: (1) the reason for the violation if admitted, (2) the corrective steps which have been taken and the results achieved, (3) the corrective steps which will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time.

Dated at Arlington, Texas,  
this 15th day of April 1988.