

ENCLOSURE 1

NOTICE OF VIOLATION

Mississippi Power and Light Company
Grand Gulf

Docket No. 50-416
License No. NPF-29

The following violation was identified during an inspection conducted on July 8-12, 1985. The Severity Level was assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

10 CFR 20.201(b)(2) required the licensee to make or cause to be made such surveys as may be necessary for the licensee to comply with the regulations in this part and are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present. 10 CFR 20.201(a) defines survey as an evaluation of the radiation hazards incident to the production, use, release, disposal or presence of radioactive materials under a specific set of conditions. 10 CFR 20.103(a)(3) required the licensee to use suitable measurements of concentrations of radioactive materials in air for detecting and evaluating airborne radioactivity in restricted areas.

10 CFR 20.401(b) required that each licensee maintain records showing the results of surveys required by 10 CFR 20.201(b).

Technical Specification 6.11 required that procedures for personnel radiation protection shall be approved, maintained and adhered to for all operations involving personnel radiation exposure.

Contrary to the above, the licensee failed to adhere to NRC requirements on June 21, 1985, during maintenance of the transverse incore probes in that:

- a. air samples collected on June 21, 1985, were not analyzed to determine the concentration of airborne radioactivity in the transverse incore probe drive area prior to permitting individuals to work in the area;
- b. the licensee failed to document beta radiation surveys performed inside the "E" TIP drive box on June 21, 1985, to demonstrate compliance with licensee administrative controls and NRC exposure limits; and
- c. radiation protection procedures were not followed. Specifically:
 - (1) The health physics technician providing job coverage for the TIP drive work failed to wear all of the protective clothing specified by the applicable radiation work permit as required by plant procedure 08-S-01-24.
 - (2) A high contamination area was not established in the TIP area when the contamination levels exceeded 10,000 dpm/100 cm² as required by plant procedure 08-S-01-20.

- (3) Eight of twelve licensee personnel who entered the TIP area failed to wear an alarming dosimeter specified by the applicable radiation work permit as required by plant procedures 01-S-08-3 and 08-S-01-24.

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

Pursuant to 10 CFR 2.201, you are required to submit to this office within 30 days of the date of this Notice, a written statement or explanation in reply, including: (1) admission or denial of the alleged violations; (2) the reasons for the violations if admitted; (3) the corrective steps which have been taken and the results achieved; (4) corrective steps which will be taken to avoid further violations; and (5) the date when full compliance will be achieved.

Security or safeguards information should be submitted as an enclosure to facilitate withholding it from public disclosure as required by 10 CFR 2.790(d) or 10 CFR 73.21.

Date: AUG 30 1985