

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company  
Oconee Units 1, 2 and 3

Docket Nos. 50-269, 50-270  
and 50-287  
License Nos. DPR-38, DPR-47  
and DPR-55

The following violations were identified during an inspection conducted on November 26-30, 1984. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. 10 CFR 20.201(b) requires the licensee to perform such surveys as (1) are necessary to demonstrate compliance with 10 CFR 20.106 which limits the release of radioactivity to unrestricted areas and (2) are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present.

Technical Specification 6.4.1 requires the station to be operated and maintained in accordance with approved procedures. Written procedures with appropriate checkoff lists are required for operation of the waste management systems.

Contrary to the above, procedures for analysis of tritium in liquid effluent samples and calibration of Ge-Li detectors for the analysis of gaseous effluents did not provide for adequate analysis in conformance with 10 CFR 20.201(b) survey requirements in that:

- (a) HP/0/1000/62/0 "Procedure for Sampling and Analyzing the Discharge from the Chemical Treatment Pond #3", Rev. 3, 1984 did not detail methodology to remove other potential radionuclide contaminants in liquid samples prior to tritium analysis. Failure to remove other radionuclides would result in inaccurate tritium measurements.
- (b) HP/0/1003/09 "Procedure for 6600 Calibration of Ge-Li Detectors on the Nuclear Data System" Rev. 4, 3/16/84, did not provide sufficient detail for gamma spectroscopy annual calibrations. The failure to properly review and verify all annual calibration data resulted in inaccurate gaseous effluent measurements.

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

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2. Technical Specification Table 4.1-3 requires the analysis of Xe-138 in gaseous waste samples at a Lower Limit of Detection (LLD) of  $1E-4$  microcuries per cc.

Contrary to the above, during the period from January through December 1984, there were numerous examples of failure to achieve the required LLD for Xe-138 due to the excessive decay time between sampling and analysis.

This is a Severity Level V 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 and 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: JAN 16 1985