

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company
McGuire 1 and 2

Docket Nos. 50-369 and 50-370
License Nos. NPF-9 and NPF-17

The following violations were identified during an inspection conducted on May 21 - 24 and to June 3 - 7, 1985. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. Technical Specification 6.8.1.a requires that written procedures shall be established, implemented, and maintained covering general plant operating procedures.

Contrary to the above this requirement was not met in that:

- a. On May 17, 1985, at approximately 0600 hours, the startup rate limit of 1.0 decade per minute (dpm) specified by procedures OP/2/A/6100/01 and OP/2/A/6100/05 was exceeded by 0.3 dpm.
- b. On May 17, 1985, at approximately 1149 hours, operating procedure, Reactivity Balance Calculations (Estimated Critical Rod Position, Enclosure 5.2, OP/0/A/6190/06), was not followed in that the dilution required by Enclosure 5.1 was not performed nor was the procedure changed to delete the dilution requirement. The reactor startup continued with a predicted critical rod position of 228 steps on bank D. The actual critical rod position occurred at 90 steps on bank D.

This is a Severity Level IV violation (Supplement I). This is applicable to Unit 2 only.

2. 10 CFR 50 Appendix B, Criterion V as implemented by DPC Administrative Policy Manual Section 4.2, requires that activities important to safety such as calculating critical rod position or verifying reactor shutdown margin be accomplished in accordance with instructions and procedures appropriate to the circumstances. Changes to these procedures, including curves, figures, tables and other data which are employed directly in the procedure are required to be technically valid and receive the same rigorous review and approval, including the review required by 10 CFR 50.59.

Contrary to the above requirements, on August 27, 1984, April 24, 1985, and May 17, 1985, changes were made to the Xenon Follow/Predict computer program and the computed values were utilized in an operating procedure with no nuclear safety evaluation to determine if an unreviewed safety question existed prior to use.

This is Severity Level IV violation (Supplement I). This is applicable to Units 1 and 2.

3. Technical Specification (TS) 6.10.1.d requires that records of surveillance activities, inspections, and calibrations required by TS shall be retained for at least five years.

Contrary to the above, this requirement was not met in that the plant procedure used to perform the shutdown margin as required by TS 4.1.1.1.1.e in modes 3, 4, and 5 was not retained. The inspectors were unable to review the previous shutdown margin calculations for Unit 1 cycle two since August 1984 and Unit 2 cycle two in 1985 due to the records not being retained.

This is a Severity Level IV violation (Supplement I). This is applicable to Units 1 and 2.

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: JUL 8 1985