

JUL 23 1985

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company
McGuire Nuclear Station

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

The following violations were identified during an inspection conducted on April 21 - May 20, 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 requires that written procedures be established, implemented and maintained covering the activities referenced in Appendix A of Regulatory Guide 1.33, Revision 2, 1978 including but not limited to:

- control of the removal and restoration of safety-related equipment
- operation of safety-related equipment

Contrary to the above:

- a. On April 15, 1985, Removal and Restoration (R&R) 5866 was cleared without returning the associated main steam line drain valves to service resulting in a main steam line water hammer.
- b. On May 2, 1985, an unlabeled valve, 2NI-340, was operated instead of the procedurally required valve 2NI-297 which resulted in the rupture of the upper head injection (UHI) sightglass.
- c. On April 20, 1985, the procedural requirement to remove from containment loose debris, trash, and/or plastic which could be transported to the containment sump causing a restriction was violated in that the procedure step was signed off on April 20, yet on April 24, during a containment tour, the inspector noted that an inordinate quantity of aforementioned potential sump restrictions were in containment.

This is a Severity Level IV violation (Supplement 1) applicable to Unit 2.

2. 10 CFR 50, Appendix B, Criterion III, Design Control; Criterion V, Instructions, Procedures; and Criterion X, Inspection, as implemented by Topical Report Duke-1-A, require that:
 - a. Measures be established to assure that applicable regulatory requirements and the design basis for safety-related structures, systems, and components are correctly translated into specifications, drawings, procedures, and instructions. These measures shall include provisions to assure that appropriate quality standards are specified and included

in design documents and that deviations from such standards are controlled.

- b. Instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished.
- c. A program for inspection of these activities be established and executed to verify conformance with the documented instructions, procedures, and drawings for accomplishing the activity to assure conformance.

Contrary to the above:

- (1) Inadequate measures, procedures, or instructions were taken or provided to assure that the requirements of the design specification MSC 139.01-00-007, under which certain of the Unit 1 and Unit 2 safety-related valves/motors were installed, were implemented. Specifically, thermal overload protection circuitry had not been modified by installation of shorting bars and circuitry on specified valves.
- (2) The inspection program to verify conformance with regulatory requirements was inadequate, in that it did not detect the deficient measures or installation for assuring design specification MSC 139.01-007 conformance.

This is a Severity Level IV Violation (Supplement 1).

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 23 1985