

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company  
McGuire Units 1 and 2

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

During the Nuclear Regulatory Commission (NRC) inspection conducted on January 21, 1988 through February 26, 1988, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1987), the violation is identified below:

Technical Specification (TS) 6.8.1.a. requires that written procedures be established, implemented, and maintained covering the activities delineated in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978. Regulatory Guide 1.33, Revision 2, February 1978, Appendix A, requires, in part, that instructions be prepared for energizing, filling, venting, draining, startup, shutdown and changing modes of operation of safety related systems including emergency power sources (e.g. diesel generator, batteries) and the chemical and volume control system (including letdown/purification system).

McGuire Nuclear Station Procedure IP/0/A/3061/08, Water Addition and Equalizing Charge for Vital Batteries, step 10.4.3. requires an output voltage of 141.0 VDC to be established to conduct an equalizing charge on the vital batteries.

McGuire Nuclear Station Procedure OP/1/A/6200/01 Enclosure 4.7 provides instructions for removing the chemical and volume control (NV) system cation bed demineralizer from service.

1. Contrary to the above, procedure IP/0/A/3061/08 was not properly implemented in that an output voltage of approximately 148 VDC rather than the required 141.0 VDC was being used on February 10, 1988, when conducting an equalizing charge on vital battery EVCB. Instrument and Electrical (IAE) technicians and engineers were aware of the procedural requirement to establish 141.0 VDC but chose to establish a higher voltage without making the required change to the procedure.
2. Contrary to the above, the procedure for removing the cation bed demineralizer from service, OP/1/A/6200/01 Chemical and Volume Control System, was not properly maintained in that steps were changed during a revision leading to overpressurization of the system. This overpressurization on February 3, 1988, led to the rupture of the diaphragm on valve 1NV-474 and a contaminated spill.

This is a Severity Level IV (Supplement I) violation and applies to both Units.

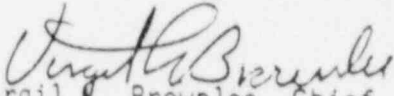
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McGuire Units 1 and 2

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Pursuant to the provisions of 10 CFR 2.201, Duke Power Company is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector, McGuire, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include: (1) admission or denial of the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Virgil C. Brownlee, Chief  
Reactor Projects Branch 3  
Division of Reactor Projects

Dated at Atlanta, Georgia  
this 9<sup>th</sup> day of March 1988