

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company  
Catawba

Docket Nos. 50-413 and 50-414  
License Nos. NPF-33 and NPF-52

During the Nuclear Regulatory Commission (NRC) inspection conducted on August 26, 1987 through September 25, 1987, violations of NRC requirements were identified. The violations involved an incorrect method to determine if a non-conservative nuclear instrument calibration was within the safety analysis, unlocked valves required to be locked by procedure, and inadequate measures to ensure periodic calibration of all safety-related equipment. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions", 10 CFR Part 2, Appendix C (1987), the violations are listed below:

- A. Technical Specification T.S. 2.2.1 requires that the Reactor Trip System Instrumentation and Interlocks Setpoints shall be set consistent with the Trip Setpoint values shown in Table 2.2-1. With a Reactor Trip System Instrumentation or Interlock Setpoint less conservative than the value shown in the Allowable Values column of Table 2.2-1, adjust the Setpoint consistent with the Trip Setpoint value and determine within 12 hours that Equation 2.2-1 was satisfied for the affected channel.

Contrary to the above, on April 29, 1987, with all four channels of Power Range Neutron Flux Trip Setpoints less conservative than the Allowable Value of Table 2.2-1, the licensee used incorrect values for Z and S in Equation 2.2-1 to determine that Equation 2.2-1 was satisfied and to conclude that the event was within the safety analysis.

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

- B. 10 CFR 50, Appendix B, Criterion XII as implemented by Quality Assurance Program (Duke 1-A, Amendment 10) Section 17.2.12 requires in part that measures be established to assure that instruments and measuring devices used in activities affecting quality are properly calibrated and adjusted at specified periods to maintain accuracy within necessary limits. Standing Work Request 006091SWR specified a calibration period of 18 months (with a 25 percent grace period) for pressure switch ICAPS5131.

Contrary to the above, the licensee failed to establish adequate measures to assure that all instruments and measuring devices used in activities affecting quality were calibrated and adjusted at specified periods to maintain accuracy within necessary limits, in that pressure switch ICAPS5131 was not calibrated from installation in April 1984 until July 7, 1987, exceeding the specified calibration and grace period. Twenty other safety-related instruments were also identified as having exceeded their specified calibration and grace periods.

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

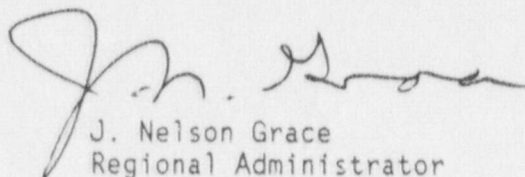
- C. Technical Specification 6.8.1 requires that written procedures shall be established, implemented, and maintained covering the applicable procedures recommended in Appendix A to Regulatory Guide 1.33, Revision 2. Procedures OP/0/A/6400/06, OP/1/A/6200/01, and OP/1/A/6250/02 require certain valves as specified in their enclosures to be locked in position.

Contrary to the above, the following valves were observed not to be locked in position on the indicated dates: 2RN938, (September 1, 1987); 2RNC54 (September 2, 1987); 1NV240 (September 17, 1987); 1CA34 (September 21, 1987).

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

Pursuant to the provisions of 10 CFR 2.201, Duke Power Company is hereby required to submit to this Office within thirty (30) days of the date of the letter transmitting this Notice a written statement or explanation in reply including: (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.

FOR THE NUCLEAR REGULATORY COMMISSION



J. Nelson Grace  
Regional Administrator

Dated at Atlanta, Georgia  
this 14 day of Oct. 1987