

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company
Oconee 1, 2, and 3

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

During an NRC inspection conducted on August 29 - September 25, 1993, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violations are listed below:

- A. 10CFR50, Appendix B, Criterion XI, Test Control, requires that a test program be established to assure that all testing required to demonstrate that structures, systems, and components will perform satisfactorily in service, is identified and performed in accordance with written test procedures which incorporate the requirements and acceptance limits contained in applicable design documents.

Contrary to the above, an adequate post modification test program was not established on the Unit 3 Load Shed Channel 1 circuitry following the performance of Modification Package TN/3/A/1426/00/0, resulting in the incorrect wiring of the load shed channel 1 slave relay in switchgear 3TD going undetected and the channel being inoperable from March 1987 to August 1993.

This is a Severity Level IV Violation. (Supplement I) applicable to Unit 3 only.

- B. Technical Specification Section 6.4.1 requires that the Station be operated and maintained in accordance with approved procedures and that written procedures with appropriate check-offs and instructions be provided for implementation of the Fire Protection Program.

Selected Licensee Commitments Manual, Final Safety Analysis Report Chapter 16, Section 16.9.2, Sprinkler and Spray Systems, requires that the Sprinkler and Spray Systems in safety related areas listed in Table 19.9-2 be functionally tested annually except in the cable spreading rooms, equipment rooms and cable shafts. Table 16.9-2 lists the Keowee Hydro Station Main Transformer as one of the required Spray Systems.

Procedure MP/0/A/2000/032, Mulsifyre System Semiannual Check, is the procedure which is used to perform the annual functional test of the fire protection water spray system for the Keowee Main Transformer. Section 9.5 of the procedure lists the acceptance requirements for the fire protection pump as follows: Fire protection pump output pressure WILL be ≥ 54 psi (adjusted to account for the effects of higher than minimum lake level) with flow \geq static flow plus 1060 GPM. Section 11.3.50 of the procedure states that if the pump discharge pressure is less than the lake level divided by 2.31 subtracted by 283.7 the Fire Protection Pump is NOT acceptable AND the pump is NOT OPERABLE.

Contrary to the above, the annual operability test performed April 30, 1992, on the Keowee transformer Sprinkler Spray System did not verify operability of the Keowee Fire Protection Pump in that the pump was not operated to measure flow and output pressure in order to compare results against acceptance criteria. Prior to this inspection, the most recent operability test on the Keowee fire pump was October 31, 1990.

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 a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector at the Oconee Nuclear Plant, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order or Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Dated at Atlanta, Georgia
this 19th day of October 1993