

OFFICE OF ENFORCEMENT
NOTIFICATION OF SIGNIFICANT ENFORCEMENT ACTION

Licensee: Duke Energy Corporation (SDP/EA-00-137)
Oconee Nuclear Station, Unit 1, Docket No. 50-269

Subject: ISSUANCE OF FINAL SIGNIFICANCE DETERMINATION AND NOTICE OF VIOLATION

This is to inform the Commission that a Notice of Violation associated with a White Significance Determination Process (SDP) finding will be issued November 9, 2000 to Duke Energy Corporation (DEC). This White finding involved the reduced ability to provide reactor coolant makeup following tornados of such intensity that the 4160 volt electrical buses within the turbine building and the Borated Water Storage Tank are damaged (without damaging the Keowee hydro-electric units), accompanied by the failure of the Standby Shutdown Facility either through independent failure or due to the tornado. In the postulated dominant accident sequences, the licensee's analysis assumed that a High Pressure Injection (HPI) pump taking suction from the spent fuel pool (SFP) would provide a success path to prevent core damage. However, around 1990, a performance deficiency involving a design calculation resulted in DEC's failure to recognize that the SFP would be available for a time significantly less than mission time. The violation is for failing to adequately consider design inputs to assure that the design basis was translated into specifications, drawings, procedures, and instructions for the HPI system using the SFP as a suction source following a tornado is a violation of 10 CFR 50, Appendix B, Criterion III, Design Control.

It should be noted that the licensee has not been specifically informed of the enforcement action. The schedule of issuance and notification is:

Mailing of Notice	November 9, 2000
Telephone Notification of licensee	November 9, 2000

The State of South Carolina will be notified.

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VERIFICATION THAT LICENSEE HAS RECEIVED ACTION