



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 101 TO FACILITY OPERATING LICENSE NO. DPR-32
AND AMENDMENT NO. 100 TO FACILITY OPERATING LICENSE NO. DPR-37

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION, UNIT NOS. 1 AND 2
DOCKET NOS. 50-280 AND 50-281

Introduction

By letter dated September 19, 1984, Virginia Electric and Power Company requested amendments to License Nos. DPR-32 and DPR-37 for the Surry Power Station Units 1 and 2 (Surry 1/2). The proposed change would revise Technical Specification Table 4.1-2A to delete the requirement to test the control rod drop times at cold conditions after a refueling or a maintenance outage requiring a breach of the Reactor Coolant System.

Evaluation

We have reviewed the September 19, 1984 submittal and the Surry 1/2 UFSAR Chapter 14 accident analyses. The current requirement is to verify the rod drop time to be no more than 1.8 seconds to dashpot entry for cold conditions, after a refueling shutdown or after maintenance requiring the breach of the Reactor Coolant System. However, no transient or accident analysis relies on inserting control rods unless the reactor core is at the hot critical condition. In addition, the Standard Technical Specifications do not require the cold rod drop time tests. Therefore, we agree with the licensee that the cold rod drop time tests are unnecessary and can be eliminated and find the change to the Technical Specification Table 4.1-2A, as submitted by the licensee, to be acceptable.

Environmental Consideration

These amendments involve a change in the installation or use of the facilities components located within the restricted areas as defined in 10 CFR 20. The staff has determined that these amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation

exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: January 22, 1985

Principal Contributors

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