



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 123 TO FACILITY OPERATING LICENSE NO. DPR-32  
AND AMENDMENT NO. 123 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 May 25, 1988, the Virginia Electric and Power Company (the licensee) requested amendments to Facility Operating License Nos. DPR-32 and DPR-37, issued to the licensee for operation of the Surry Nuclear Power Station, Units 1 and 2 (SPS-1&2) respectively, located in Surry County, Virginia.

The licensee proposed to revise Table 6.1-1, "Minimum Shift Crew Composition" of the SPS-1&2 Technical Specifications (TS), to increase the minimum shift manning for Auxiliary Operators (AO) from three to four. The increased manning is proposed to assure that the minimum number of operating personnel is available to safely shut down the unit and maintain it in a safe condition in the event of a fire.

DISCUSSION AND EVALUATION

By letter dated April 10, 1986, the licensee submitted Revision 2 to the Surry 10 CFR Part 50 Appendix R Report. In this report, the licensee submitted an evaluation showing how it will achieve safe shutdown within the constraints of the available manpower and time limitations based on a worst-case fire scenario. In the event of a fire, several abnormal procedures require the coordinated activities of several operations personnel, both within and outside the control room. The licensee evaluated the minimum shift manning necessary to implement these procedures with no adverse effect on fire brigade. This evaluation resulted in increasing the minimum number of AO specified in Table 6.1-1 of the Surry TS from three to four. In the report, the licensee indicated that in order to meet the requirements of Appendix R, the number of AO in the minimum shift crew composition will be administratively maintained at four (one greater than that required by the present TS for SPS-1&2) until the TS are changed.

The proposed change would revise Table 6.1-1 of the SPS-1&2 TS to increase the minimum shift manning for AO from three to four. This will provide additional assurance that the licensee will have adequate operating personnel at the site to safely shut down the unit and maintain it in a safe condition in the event of a fire.

Based on the above information, the staff finds the proposed change 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 Part 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 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: August 1, 1988

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