



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 166 TO FACILITY OPERATING LICENSE NO. DPR-32
AND AMENDMENT NO. 165 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

1.0 INTRODUCTION

By letter dated December 19, 1991, Virginia Electric and Power Company (VEPCO) proposed to amend Facility Operating License Nos. DPR-32 and DPR-37 for the Surry Power Station, Units 1 and 2. The requested change to the Technical Specifications (TS) would delete the operability requirements for the Surry Power Station records vault Halon fire suppression system. In addition, operability requirements for the Halon fire suppression systems for the emergency switchgear rooms (ESGR) would be added to the TS. Consequently, Section 3.21.A.7 would be modified to read "Halon Systems - shall be operable for the Emergency Switchgear Rooms. The storage tanks shall be at least 95% of full charge weight and 90% of full charge pressure."

2.0 EVALUATION

VEPCO is completing the construction of an administrative building at the Surry Power Station which will contain a new records vault for the station's records. The new records vault will be equipped with a water-sprinkler system to protect the records should a fire occur. The existing station records vault is protected by a Halon fire suppression system which has operability requirements as delineated in TS Section 3.21.A.7. Since the new station records vault would be protected by a water-sprinkler fire suppression system rather than a Halon system, the TS must be changed to permit transfer of the station records from the existing vault to the new vault. Both the current vault and the new vault are located outside the protected area.

In 1976, the Nuclear Regulatory Commission (NRC) provided sample fire protection TS for safety-related equipment for guidance to licensees to incorporate into their TS. While the records vault is not required for plant safety, it did have a Halon fire suppression system. Therefore, VEPCO elected to include this fire suppression system in their proposed fire protection TS which was incorporated into the TS by an amendment issued in 1977. The intent of the above-cited NRC guidance did not require TS conditions on fire protection systems in non-safety-related areas. Therefore, the NRC staff finds that VEPCO's request to delete the Limiting Condition for Operation and surveillance requirements for the Halon fire suppression system from the Surry

TS is reasonable, and is, therefore, acceptable. In addition, because the ESGR is a safety-related area, we find that the proposed incorporation of operability surveillance requirements for the Halon fire protection system for the ESGR into the TS to be appropriate and acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Virginia State official was notified of the proposed issuance of the amendments. The State official had no comment.

4.0 ENVIRONMENTAL CONSIDERATION

These amendments change a surveillance requirement. The NRC staff has determined that the 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 (57 FR 716). 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.

5.0 CONCLUSION

The Commission has 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

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