



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NOS. 103 AND 90 TO
FACILITY OPERATING LICENSE NO. NPF-4 AND NPF-7
VIRGINIA ELECTRIC AND POWER COMPANY
OLD DOMINION ELECTRIC COOPERATIVE
NORTH ANNA POWER STATION, UNITS NO. 1 AND NO. 2
DOCKET NOS. 50-338 AND 50-339

INTRODUCTION

By letter dated March 18, 1988, the Virginia Electric and Power Company (the licensee) proposed changes to the North Anna Power Station, Units No. 1 and No. 2 (NA-1&2) Technical Specifications (TS) and the NA-2 Facility Operating License No. NPF-7. These changes are itemized as follows. Item 1 would revise the NA-1&2 TS Table 6.2.1, Minimum Shift Crew Composition. Item 2 would delete the NA-1 TS 6.13 and the NA-2 Facility Operating License Conditions 4.a, 4.b, 4.d, and 4.e, regarding the schedule for identification of environmental qualification of equipment important to safety. Item 3 would revise the NA-1&2 TS 6.9.2, Special Reports. Our discussion and evaluation of these changes are provided below.

DISCUSSION

The Item 1 change would simplify the Shift Composition requirements of the NA-1&2 TS Table 6.2-1 by eliminating the reduced staffing allowances for operations with one unit in Modes 5 and 6 and by combining the requirements of the currently independent but interrelated NA-1&2 TS into a single comprehensive table. This change would not reduce the requirements from those presently specified in the NA-1&2 TS and would increase the staffing requirements when one unit is in Mode 1, 2, 3, or 4 and the other unit is in Mode 5 or 6. In addition, the change would add the requirement for an additional Auxiliary Operator (AO), which is in accordance with the licensee's commitment in the NA-1&2 10 CFR 50 Appendix R Report.

The Item 2 change would delete NA-1 TS 6.13 and NA-2 Facility Operating License Conditions 4.a, 4.b, 4.d, and 4.e in accordance with 10 CFR 50.49(g), which provides the schedule for identification of qualified equipment important to safety and the replacement of equipment important to safety that is not qualified and 10 CFR 50.49(j), which requires the maintenance of an auditable record of the equipment qualification. In addition, 10 CFR 50.49(g) also states, "The schedule in this paragraph supersedes the June 30, 1982, deadline, or any other previously imposed date, for environmental qualification of electrical equipment contained in certain nuclear power operating licenses."

The Item 3 change would provide a more complete list of Special Reports required by the NA-1&2 TS. The purpose of this change would achieve consistency between TS 6.9.2 and the various Limiting Conditions for Operations (LCOs) that require the submission of Special Reports.

EVALUATION

Item 1, as discussed above, would increase the staffing requirements when one unit is in Mode 1, 2, 3, or 4 and the other unit is in Mode 5 or 6. In addition, the Item 1 change would increase the Minimum Shift Crew Composition in accordance with the licensee's commitments for 10 CFR 50, Appendix R compliance. The staff finds the Item 1 change to be acceptable. Item 2, as discussed above, is in compliance with 10 CFR 50.49(g) and is therefore acceptable. Item 3, as discussed above, would achieve consistency between the NA-1&2 TS 6.9.2 and the various LCOs that require the submission of Special Reports. The staff finds the Item 3 change to be acceptable. Therefore, based on all of the above, the proposed changes are acceptable.

ENVIRONMENTAL CONSIDERATION

These amendments involve a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The 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 published a proposed finding that the amendments involve no significant hazards consideration and there has been no public comment on such finding. Further, these amendments only change "recordkeeping, reporting, or administrative procedures or requirements." Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR §51.22(c)(9) and/or (10). Therefore, 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: May 26, 1988

Principal Contributor:

Leon Engle