



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 75 AND 62 TO

FACILITY OPERATING LICENSE NOS. 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 May 2 and revised September 19, 1985 (Serial Nos. 85-162 and 85-162A, respectively), the Virginia Electric and Power Company (the licensee) requested a change to the Technical Specifications (TS) for the North Anna Power Station, Units No. 1 and No. 2 (NA-1&2). Specifically, the proposed changes would provide consistency between the TS for NA-1&2 as specified in the Standard TS (STS) for Westinghouse Pressurized Water Reactors, Revision 4 and Revision 5 (draft). In addition, the proposed changes would clarify that entry into an air lock is permitted for the repair of an inoperable inner air lock door. The proposed changes would also revise the allowable seal leakage from zero to a small permissible amount well within the limits established 10 CFR Part 50, Appendix J.

Discussion:

A footnote would be added to Surveillance Requirement 4.6.1.3.b to make the provisions of TS 4.0.2 (Time Interval Specified For Surveillance Requirements) not applicable. The proposed change would provide consistency between the NA-1&2 TS and also with the Standard TS for Westinghouse Pressurized Water Reactors, Revision 4 and Revision 5 (Draft). In addition, the footnote would be in conformance with the requirements of 10 CFR Part 50, Appendix J.

Two of the proposed changes are not in explicit conformance with the Westinghouse Standard TS. They are:

1. A footnote would be added to TS 3.6.1.3, Action Statement A.1, to clarify that entry into an air lock is permitted for the repair of an inoperable inner air lock door. This clarification has been accepted by the NRC staff on previous occasions for other facilities.
2. Surveillance Requirement 4.6.1.3.a would be changed to allow less than 0.01 L<sub>a</sub> seal leakage as determined by precision flow measurements when measured for at least 30 seconds. This leakage rate is less than the overall air lock leakage limit and well within the total Type B and C leakage limit as established by 10 CFR Part 50 Appendix J.

Evaluation:

As discussed above, the proposed changes are in conformance with the NRC approved Westinghouse Standard TS, Revision 4 and with the requirements of 10 CFR Part 50, Appendix J. Also, the proposed change regarding the repair of an inoperable inner air lock door has already been approved by the NRC for other facilities and is appropriately applied to NA-1&2. Therefore, based on the above, the staff finds the proposed changes to be acceptable for NA-1&2.

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 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: March 12, 1986

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