



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 96 TO FACILITY OPERATING LICENSE NO. DPR-3
YANKEE ATOMIC ELECTRIC COMPANY
YANKEE NUCLEAR POWER STATION
DOCKET NO. 50-029

1.0 INTRODUCTION

By letter dated January 8, 1986, the Yankee Atomic Electric Company (YAEC) submitted a request for changes to the Yankee Nuclear Power Station Technical Specifications (TS).

The amendment modifies the TS to replace a listed manual containment isolation valve with a blank flange.

2.0 EVALUATION

By letter dated January 8, 1986, the licensee proposed a change to Table 3.6-1 (Containment Barriers) of the Technical Specifications to reflect the use of a blank flange in the fuel chute dewatering pump discharge system in place of a manual valve as the containment isolation barrier. The blank flange will be equipped with a testable, double O-ring seal and will be subject to the Type B local leak rate testing requirements of Appendix J to 10 CFR Part 50. The impetus for the licensee to add a blank flange inboard of the current manual containment isolation valve is to provide a more reliable isolation barrier, from the standpoint of leak tightness.

A testable blind flange is an acceptable substitute for a valve as a containment isolation barrier, as prescribed in Standard Review Plan section 6.2.4 (Containment Isolation System) of NUREG-0800. Therefore, the staff finds the proposed change to Table 3.6-1 of the Technical Specifications to be acceptable.

8606200375 860609
PDR ADDCK 05000029
PDR

3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a requirement with respect to the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves 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 this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets 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 this amendment.

4.0 CONCLUSION

The staff 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; and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

5.0 ACKNOWLEDGEMENT

Principal Contributor: Chang-Yang Li

Dated: June 9, 1986