ATTACHMENT (1)

TECHNICAL BASIS AND

NO SIGNIFICANT HAZARDS CONSIDERATION

TABLE OF CONTENTS

ATTACHMENT (1)

TECHNICAL BASIS AND NO SIGNIFICANT HAZARDS CONSIDERATION

1.0 DESCRIPTION

The proposed amendment would modify Technical Specification requirements by removing the specific isolation time of the main steam isolation valves from Technical Specification Surveillance Requirement (SR) 3.7.2.1.

The change is consistent with the Nuclear Regulatory Commission (NRC) approved Technical Specification Task Force (TSTF)-491, Revision 2. The availability of this Technical Specification improvement was published in the Federal Register on December 29, 2006 (71 FR 78472) as part of the consolidated line item improvement process (CLIIP).

2.0 ASSESSMENT

2.1 Applicability of TSTF-491, and Published Safety Evaluation

Calvert Cliffs Nuclear Power Plant (Calvert Cliffs) has reviewed TSTF-491, and the NRC model safety evaluation as part of the CLIIP. Calvert Cliffs has concluded that the information in TSTF-491, as well as the safety evaluation prepared by the NRC staff are applicable to Calvert Cliffs, Units 1 and 2 and justify this amendment request for incorporation of the proposed changes into the Calvert Cliffs Technical Specifications.

2.2 Optional Changes and Variations

Calvert Cliffs is not proposing any variations or deviations regarding the main steam isolation valves from the Technical Specification changes described in TSTF-491, Revision 2 (Reference 1) or the NRC staff's model safety evaluation (Reference 2). We are not adopting sections of the CLIIP regarding the main feedwater isolation valves because isolation times for the main feedwater valves are already incorporated into the Inservice Testing Program in Technical Specification (SR) 3.7.15.1.

3.0 REGULATORY ANALYSIS

3.1 No Significant Hazards Consideration Determination

Calvert Cliffs has reviewed the proposed No Significant Hazards Consideration Determination published in the Federal Register as part of the CLIIP. We have concluded that the proposed No Significant Hazards Consideration Determination presented in the Federal Register notice regarding the main steam isolation valves is applicable to Calvert Cliffs and is hereby incorporated by reference to satisfy the requirements of 10 CFR 50.91(a).

3.2 Verification and Commitments

As discussed in the notice of availability published in the Federal Register on December 29, 2006 for this Technical Specification improvement, plant specific verifications were performed as follows:

We have proposed Technical Specification Bases consistent with TSTF-491 which provides guidance and details on how to implement the new requirements. Additionally, Calvert Cliffs has a Bases Control Program consistent with Section 5.5 of the Standard Technical Specifications.

4.0 ENVIRONMENTAL EVALUATION

This proposed amendment changes requirements with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendment adopting TSTF-491, Revision 2, 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 TSTF-491, Revision 2, involves no significant hazards considerations, and there has been no public comment on the finding in Federal Register Notice 71 FR 58884, October 5, 2006. Accordingly, the 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 the amendment.

5.0 REFERENCES

1. TSTF-491, Revision 2, Removal of Main Steam and Main Feedwater Valve Isolation Times from Technical Specifications
2. NRC Model Safety Evaluation Report, 71 FR 58884, October 5, 2006