



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NOS. 98 AND 80

TO FACILITY OPERATING LICENSE NOS. DPR-53 AND DPR-69

BALTIMORE GAS AND ELECTRIC COMPANY

CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-317 AND 50-318

Introduction

By application for license amendment dated October 11, 1984, Baltimore Gas and Electric Company (BG&E) requested changes to the Technical Specifications (TS) for Calvert Cliffs Units 1 and 2. The proposed amendment would change the Unit 1 and Unit 2 TS 4.6.1.2a to allow completion of the third containment Integrated Leak Rate Test (ILRT) prior to the 10-year Inservice Inspection (ISI) outage. This TS change would provide for a "one time only" schedule change for the third (10-year service interval) ILRT.

Discussion and Evaluation

The existing Calvert Cliffs TS 4.6.1.2a references Appendix J of 10 CFR Part 50 and requires that: "Three Type A tests (Overall Integrated Containment Leakage Rate) shall be conducted at  $40 \pm 10$  month intervals during shutdown at either  $P_1$  (50 psig) or at  $P_2$  (25 psig) during each 10-year service period. The third test of each set shall be conducted during the shutdown for the 10-year plant inservice inspection."

The currently scheduled 10-year ISI outage would be in the fall of 1986 for Unit 1 and in the spring of 1987 for Unit 2. Performance of the third ILRT during the 10-year ISI outage which is required by Appendix J would result in the violation of the  $40 \pm 10$  month interval required by the TS. Accordingly, the licensee requested a "one time only" change to the ILRT schedule, as reflected in TS 4.6.1.2a, to allow the third ILRT to be conducted during the spring 1985 and fall 1985 refueling outages for Units 1 and 2, respectively, and thus, earlier than indicated by Appendix J. The proposed schedule would satisfy the  $40 \pm 10$  month inspection interval requirement of TS 4.6.1.2a which is deemed to be of primary importance in the maintenance of containment integrity via the ILRT program. The coincidence of the third ILRT with the 10-year ISI outage is of clearly secondary importance for this "one time only" schedule change. An exemption from Appendix J to allow earlier containment testing is being undertaken in a separate action.

The proposed change in TS 4.6.1.2a would have no effect on containment integrity since the ILRT program would continue to be conducted on an acceptable schedule. Accordingly, the proposed change to TS 4.6.1.2a is acceptable.

### Environmental Consideration

These amendments involve a change in surveillance requirements. 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 issued 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 Sec. 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 common defense and security or to the health and safety of the public.

Date: February 14, 1985

Principal Contributor:  
D. Jaffe

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	
BALTIMORE GAS AND ELECTRIC	)	Docket Nos. 50-317
COMPANY	)	and 50-318
	)	
Calvert Cliffs Nuclear Power	)	
Plant Unit Nos. 1 and 2)	)	

EXEMPTION

I.

The Baltimore Gas and Electric Company (the licensee) is the holder of Facility Operating License Nos. DPP-53 and DPR-69 which authorize operation of the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2. These licenses provide, among other things, that they are subject to all rules, regulations and Orders of the Commission now or hereafter in effect.

The facility comprises two pressurized water reactors at the licensee's site located in Calvert County, Maryland.

II.

Appendix J to 10 CFR Part 50, "Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors," includes schedular and technical requirements for the conduct of "Type A" reactor containment Integrated Leak Rate Tests (ILRTs). With regard to schedule for ILRTs, Appendix J, Section II.D.1.(a) requires that ". . . three Type A tests shall be performed, at approximately equal intervals during each 10-year service period. The third test of each set shall be conducted when the plant is shutdown for the 10-year plant inservice inspections."

The currently scheduled 10-year Inservice Inspection (ISI) outage would be in the fall of 1986 for Unit 1 and in the spring of 1987 for Unit 2. Performance of the third ILRT during the 10-year ISI outage, which is required by Appendix J, would result in the violation of the  $40 \pm 10$  month interval which is also required by Appendix J. Accordingly, by application dated September 14, 1984 the licensee requested a "one time only" change to the ILRT schedule, as specified in Appendix J, Section III.D.1.(a) to allow the third ILRT to be conducted during the spring 1985 and fall 1985 refueling outages for Units 1 and 2 respectively. The proposed schedule would satisfy the  $40 \pm 10$  month inspection interval requirement of Appendix J which is deemed to be of primary importance in the maintenance of containment integrity via the ILRT program. The coincidence of the third ILRT with the 10-year ISI outage is of clearly secondary importance for this "one time only" schedule change.

### III.

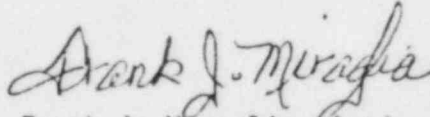
Accordingly, the Commission has determined that, pursuant to <sup>10</sup>CFR 50.12, an exemption is authorized by law and will not endanger life or property or the common defense and security and is otherwise in the public interest and hereby grants the following exemptions with respect to the requirements of Appendix J to 10 CFR Part 50:

With regard to the third ILRT of the first 10-year service period, this test shall be conducted on the following schedule:

- ° Unit 1 - during the spring 1985 refueling outage
- ° Unit 2 - during the fall 1985 refueling outage

Pursuant to 10 CFR 51.32 the Commission has determined that the issuance of the exemption will have no significant impact on the environment (50 FR 4284).

FOR THE NUCLEAR REGULATORY COMMISSION



Frank J. Miraglia, Acting Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland this 14th day of February 1985