



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NOS. 77 AND 58 TO

FACILITY OPERATING LICENSES NOS. DPR-53 AND DPR-69

BALTIMORE GAS AND ELECTRIC COMPANY

CALVERT CLIFFS NUCLEAR POWER PLANT UNIT NOS. 1 & 2

DOCKET NOS. 50-317 AND 50-318

Introduction

By application for license amendments dated June 17, July 30, August 2, and August 26, 1982, Baltimore Gas and Electric Company (BG&E) requested changes to the Calvert Cliffs Units 1 and 2 Technical Specifications (TS). These changes affect TS Tables 3.7-4 which provide lists of safety-related hydraulic shock suppressors (snubbers) which require periodic inspection and testing for Calvert Cliffs Units 1 and 2. The proposed changes would add and delete snubbers from TS Tables 3.7-4 and also correct a typographical error.

Discussion and Evaluation

1. Addition of Snubbers to TS Tables 3.7-4

By application for license amendment dated June 17, 1982, BG&E informed the NRC that a main steam line piping support review had indicated that twelve (12) safety-related snubbers had been omitted from the snubber surveillance program list in TS Tables 3.7-4. These snubbers are located at Unit 1 in the Main Steam Line Penetration Tunnel at the boundary between safety and nonsafety-related portions of this piping. BG&E further indicated that confusion over interpretation of the interface between safety and nonsafety-related portions of the system had led to the omission of the snubbers from the TS. The comparable list of twelve (12) snubbers at Unit 2 was identified by application for license amendment dated August 26, 1982.

The discovery of these safety-related snubbers which had been omitted from the TS prompted BG&E to perform an evaluation of all safety-related systems to determine if additional snubbers had been omitted. This review, performed by the BG&E Architect/Engineer, identified a total of fifteen (15) additional snubbers (seven (7) at Unit 2 and eight (8) at Unit 1) which should have been incorporated in the TS. These snubbers were identified in the July 30, 1982 application and consist of snubbers located in the Unit 1 Auxiliary Feedwater Pump Room (3), the Unit 1 MSIV Penetration Room (4), the Unit 1 Overhead

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5' Under MSIV Room (1), the Unit 2 Auxiliary Feedwater Pump Room (1), the Unit 2 MSIV Penetration Room (4), the Unit 2 Overhead 5' Under MSIV Room (1), and the Unit 2 Loop #22A Drain Line.

The applications for license amendments dated June 17 and August 26, 1982 requested that the safety related snubbers addressed above be incorporated in TS Tables 3.7-4. This action would make these snubbers subject to the Limiting Conditions for Operation (LCOs) and Surveillance Requirements (SRs) specified in TS 3/4.7.8, "Snubbers".

Incorporation of the recently identified safety-related snubbers into the existing snubber TS will provide substantial assurance that these snubbers will be capable of performing their design functions concerning the seismic protection of safety systems. Accordingly, it is appropriate to add these snubbers to TS Tables 3.7-4.

2. Deletion of Snubbers from TS Tables 3.7-4

By application for license amendments dated June 17 and August 26, 1982, BG&E requested that certain snubbers be deleted from TS Tables 3.7-4. These snubbers have been removed from their associated systems as a result of modifications to the main steam systems (four (4) Unit 1 snubbers) and the reactor head vent system (one (1) Unit 2 snubber). These modifications to safety systems were performed without prior Commission approval under the provisions of 10 CFR Part 50, Section 50.59, "Changes, tests and experiments". The deletion of the identified snubbers represents an administrative action in that it deletes the LCOs and SRs for equipment that has been removed. Deletion of these requirements has no effect on facility safety and is appropriate.

3. Correction of a Typographical Error

By application for license amendment dated August 2, 1982, BG&E indicated that a snubber in Unit 1 TS Table 3.7-4 was mislabeled. A snubber designated as 1-38-49, identified as, "Main Steam Line Encapsulation 27'", should be designated as 1-83-49. Changing snubber designations from 1-38-49 to 1-83-49 would be consistent with the designations for other main steam line encapsulation snubbers in TS Table 3.7-4. This TS change represents an administrative action in that it corrects a typographical error. This change has no effect on facility safety and is appropriate.

Environmental Consideration

We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of an accident previously evaluated, do not create the possibility of an accident of a type different from any evaluated previously, and do not involve a significant reduction in a margin of safety, the amendments do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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: September 23, 1982

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