

UNITED STATES NUCLEAR REGULATORY COMMISSIONBALTIMORE GAS AND ELECTRIC COMPANYDOCKET NO. 50-318NOTICE OF ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-69, issued to Baltimore Gas and Electric Company (the licensee), for operation of the Calvert Cliffs Nuclear Power Plant, Unit No. 2, located in Calvert County, Maryland.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The amendment would revise the provisions in the Technical Specifications (TS) relating to the operability and surveillance for the auxiliary feedwater (AFW) system. The proposed revision to TS 3/4.7.1.2, "Auxiliary Feedwater System" includes a provision to extend the maximum period of inoperability of an auxiliary feedwater pump from 72 hours to 7 days.

The proposed change to TS 3/4.7.1.2 is in accordance with the licensee's application for amendment dated April 9, 1984, as supplemented by a letter dated May 4, 1984.

The Need for the Proposed Action: The proposed change to the TS is required in order to provide the licensee with additional flexibility with regard to operability of the AFW system. In addition the proposed changes to the TS reflect recent modifications to the AFW system.

Environmental Impacts of the Proposed Action: The Commission has completed its evaluation of the proposed revisions to TS 3/4.7.1.2 and concludes that for accidents where auxiliary feedwater is required, post-accident radiological releases will not be greater than previously determined nor does the proposed change otherwise affect radiological plant effluents, and there is no significant increase in occupational exposures. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed amendment.

The Notice of Consideration of Issuance of Amendment and Opportunity for Prior Hearing in connection with this action was published in the Federal Register on May 8, 1984 (49 FR 19586). Since the proposed change involves an increase in the allowable out-of-service time for an auxiliary feedwater pump, without compensatory measures, the Commission identified this action as involving significant hazards considerations. No request for hearing on petition for leave to intervene was filed following this notice.

With regard to potential non-radiological impacts, the proposed change to the TS involves a system located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed amendment.

Alternative to the Proposed Action: Since we have concluded that there is no measureable environmental impact associated with the proposed changes to the TS, any alternatives to these changes will have either no environmental impact or greater environmental impact.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and would result in reduced operational flexibility.

Alternative Use of Resources: This action does not involve the use of resources not previously considered in connection with the "Final Environmental Statement Relating to Operation of Calvert Cliffs Nuclear Power Plant Units 1 and 2" dated April 1973.

Agencies and Persons Consulted: The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

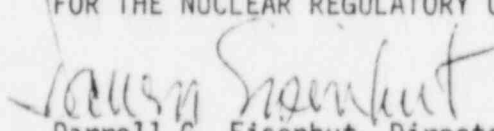
The Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated April 9, 1984 and a supplement dated May 4, 1984, which are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Calvert County Library, Prince Frederick, Maryland.

Dated at Bethesda, Maryland this 20th day of July, 1984.

FOR THE NUCLEAR REGULATORY COMMISSION


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