



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 87 TO FACILITY OPERATING LICENSE NO. NPF-58
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.
PERRY NUCLEAR POWER PLANT, UNIT NO. 1
DOCKET NO. 50-440

1.0 INTRODUCTION

By letter dated May 2, 1997, The Cleveland Electric Illuminating Co. (the licensee) proposed a change to the Technical Specifications (TS) for the Perry Nuclear Power Plant. The proposed change allows the leakage rate of one or more main steam lines to be up to 35 standard cubic feet per hour (scfh), as long as the total leakage rate through all four main steam lines is less than or equal to 100 scfh.

2.0 EVALUATION

By Amendment No. 83 to Operating License NPF-58, the NRC staff approved operation for Operating Cycle 6 with one main steam line's leakage rate as high as 35 scfh, as long as the total leakage rate through all four main steam lines does not exceed 100 scfh. The reason the change was requested for only one operating cycle was the belief that the NRC staff would be able to review and approve a request for increased main steam line leakage rate based on a submitted license amendment request that relies upon a revised analysis of accident source term prior to Operating Cycle 7. The staff has not been able to review that submittal on that schedule.

Prior to Amendment No. 83, the TS limited the primary containment leakage rates to less than or equal to 25 scfh for any one of the four main steam lines through their isolation valves. The maintenance of the effective combined limit of 100 scfh for all four main steam lines was the basis for approval of Amendment No. 83. Similarly, this request maintains an effective combined leakage rate limit of 100 scfh. Therefore, the staff finds the proposed amendment to be acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Ohio State official was notified of the proposed issuance of the amendment. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a requirement with respect to the installation or use of a facility component located within the restricted area

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as defined in 10 CFR Part 20 or a change to a surveillance requirement. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluent 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 (62 FR 33136). 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.

5.0 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; (2) such activities will be conducted in compliance with the Commission's regulations; and (3) the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: J. Hopkins

Date: September 11, 1997