



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 19 TO FACILITY OPERATING LICENSE NO. NPF-73

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

THE TOLEDO EDISON COMPANY

BEAVER VALLEY POWER STATION, UNIT NO. 2

DOCKET NO. 50-412

INTRODUCTION

Portions of the supplementary leak collection and release system (SLCRS) have been designed to serve as an engineered safety feature (ESF). Those portions were credited with post-accident radiological consequence mitigation for the loss-of-coolant accident (LOCA) and the fuel handling accident. Details of these analyses may be found in our Safety Evaluation Report (NUREG-1057). By letter dated August 11, 1988, Duquesne Light Company (the licensee, acting as agent for the above utilities) requested that certain specifications regarding the SLCRS be amended. Results of our partially completed review are presented in the following sections.

DISCUSSION AND EVALUATION

Specification 4.7.8.1.b.1, 2, 4 and 4.7.8.1.c.1

This amendment revises the SLCRS flow rate from 59,000 cfm  $\pm 10\%$  to 57,000 cfm  $\pm 10\%$ . This change is a result of removing SLCRS coverage from the main steam and feedwater valve area, which houses no piping that could contain post-LOCA fluids. The revised total flow rate also reflects the actual system flow rates obtained after final system balancing.

The change will not adversely affect the capability of the SLCRS to maintain a negative pressure in areas it covers. Since the total flow rate through the filter banks is reduced, there is a concurrent increase in air residence time in the filter banks, resulting in an expected increase of filter efficiency.

We find no negative impact on the design function of the SLCRS, and that the change is acceptable. This change also addresses the concern raised as Unresolved Item 50-412/87-61-01 in Inspection Report 50-412/88-18.

### ENVIRONMENTAL CONSIDERATION

This amendment changes requirements with respect to the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20 and changes to surveillance requirements. We have determined that the amendment 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. We have previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. 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.

### 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 (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.

Dated: August 2, 1989

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