

SAFETY EVALUATION
AMENDMENT NO. 6 TO LICENSE NPF-11
LA SALLE COUNTY STATION, UNIT NO. 1
DOCKET NO. 50-373

Introduction

By letters dated August 19, and 30, 1982, Commonwealth Edison proposed an amendment to the operating license for La Salle County Station, Unit No. 1, to include the Unit 2 Service Water System Effluent Line Radiation Monitor in Table 3.3.7.10-1 Radioactive Liquid Effluent Monitoring Instrumentation for Unit 1, of the Technical Specifications.

Evaluation

La Salle County Station utilizes a liquid radioactive treatment system which is essentially common for Unit Nos. 1 and 2. The system contains three evaporator-concentrators designated as the Unit 1 Floor Drain Concentrator, the common Chemical Waste Concentrator, and the Unit 2 Floor Drain Concentrator. Each of these concentrators can treat waste from either Unit; thereby providing alternate treatment pathways.

The Unit 1 Floor Drain Concentrator and the common Chemical Waste Concentrator have certain components that can be cooled by the Unit 1 Service Water System. The effluent of the Unit 1 Service Water System is monitored by the Unit 1 Service Water System Effluent Line Radiation Monitor (1D18-K608), which is listed in Tables 3.3.7.0.10-1 and 4.3.7.10-1 of Specification 3.3.7.10 in the Technical Specifications.

The Unit 2 Floor Drain Concentrator and the common Chemical Waste Concentrator have certain components that can be cooled by the Unit 2 Service Water System. The effluent of the Unit 2 Service Water System is monitored by the Unit 2 Service Water System Effluent Line Radiation Monitor (2D18-K608), which is not listed in Tables 3.3.7.10-1 and 4.3.7.10-1 of Specification 3.3.7.10 in the Technical Specifications. The staff has considered the amendment proposed by the licensee and find that the change to add the monitor (2D18-K608) to Tables 3.3.7.10-1 and 4.3.7.10-1 would satisfy the requirements of 10 CFR 50, Criterion 64, of the General Design Criteria, in the event that Unit 2 Service Water is used to cool the concentrator components. The additional requirements and surveillance for monitor (2D18-K608) would be the same as for monitor (1D18-K608), as shown in the attached change to the Technical Specification 3.3.7.10.

Environmental Consideration

We have determined that this amendment does not authorize a change in effluent types of total amount nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that this amendment involves action which is insignificant from the standpoint of environmental impact, and, pursuant to 10 CFR Section 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 this statement.

Conclusion

We have concluded, based on the considerations discussed above, that; (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: September 7th , 1982