



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 35 TO FACILITY OPERATING LICENSE NO. NPF-11 AND  
AMENDMENT NO. 19 TO FACILITY OPERATING LICENSE NO. NPF-18  
COMMONWEALTH EDISON COMPANY  
LA SALLE COUNTY STATION, UNITS 1 AND 2  
DOCKET NOS. 50-373 AND 50-374

1.0 INTRODUCTION

By letter dated December 3, 1985, Commonwealth Edison Company (licensee) requested amendments to the La Salle Units 1 and 2 Technical Specifications. The proposed Technical Specification changes relate to control of access to high radiation areas.

2.0 EVALUATION

Section 20.203(c)(2) of the Code of Federal Regulations, Title 10, Part 20, provides for control of personnel access to high radiation areas. To assist licensees of nuclear power reactors in meeting the requirements of 10 CFR 20.203(c)(2), the NRC has established specifications for the control of access to high radiation areas in Section 6.12 of NUREG-0123, Rev. 3, "Standard Technical Specifications for General Electric Boiling Water Reactors (BWR 5)."

The Technical Specifications' revisions proposed by the licensee would lower and redefine a high radiation area as an area with radiation levels between 10 mrem/hr and 1000 mrem/hr. Similarly, the proposed specifications also define a high-high radiation area as an area with radiation levels greater than 1000 mrem/hr. Previously, the station defined a high radiation area as an area where radiation levels between 100 mrem/hr and 5000 mrem/hr, and a high-high radiation area as an area where radiation levels exceed 5000 mrem/hr. The proposed revised definitions of high and high-high radiation areas are equivalent to those in the Standard Technical Specifications and are acceptable to the staff.

The proposed Technical Specifications' revisions also permit the control of access to high radiation areas by using a Radiation Work Permit (RWP) system. In order to prevent unintentional access by workers to high radiation areas less than 1000 mrem/hr, the licensee will barricade and conspicuously post these locations as high radiation areas. Unintentional access to high-high radiation areas, greater than 1000 mrem/hr, will be prevented by the licensee either by use of the station's security computer system or by use of a locked door. The keys to the high-high radiation doors will be controlled by the shift supervisor on duty and/or the station's Health Physicist. Previously, access to high radiation areas was

controlled by the station's security computer system. The use of an RWP system and the proposed unintentional access control procedures are consistent with the provisions in the Standard Technical Specifications and are acceptable to the staff.

It is the staff's position that the proposed Technical Specifications for La Salle County Station provide control of personnel access to high radiation areas that is equivalent to that provided in the Standard Technical

Specifications. Therefore, the proposed Technical Specifications comply with the requirement (10 CFR 20.203(c)(2)) that there should be "positive control over access to high radiation areas" and are acceptable to the staff. In addition the staff has evaluated the proposed wording for Technical Specification 6.1.1, "High Radiation Areas" and finds the wording acceptable.

### 3.0 ENVIRONMENTAL CONSIDERATION

These amendments involve a change in the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20 and changes surveillance requirements. The staff has determined that these amendments involve no significant increase in the amounts, and no significant changes 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. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet 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 these amendments.

### 4.0 CONCLUSION

The Commission made a proposed determination that these amendments involve no significant hazards consideration which was published in the Federal Register (50 FR 53229) on December 30, 1985. No public comments were received, and the state of Illinois did not have any comments.

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 the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

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Dated: MAR 12 1986

AMENDMENT NO. 35 TO FACILITY OPERATING LICENSE NO. NPF-11 - LA SALLE, UNIT 1  
AMENDMENT NO. 19 TO FACILITY OPERATING LICENSE NO. NPF-18 - LA SALLE, UNIT 2

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