



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. TO FACILITY OPERATING LICENSE NO. NPF-11 AND

AMENDMENT NO. 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 100 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

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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Docket Nos. 50-373/50-374

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