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Docket No.: 50-373

Mr. Loufs O. DelGeorge  
 Director of Nuclear Licensing  
 Commonwealth Edison Company  
 P. O. Box 767  
 Chicago, Illinois 60690

Dear Mr. DelGeorge:

Subject: Amendment No. 6 to Facility Operating License No. NPF-11 - La Salle  
 County Station, Unit 1

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 6 to Facility Operating License No. NPF-11 for La Salle County Station, Unit 1. This amendment is in response to your letters dated August 19 and 30, 1982, and grants the operation of the shared radwaste treatment system to utilize the Unit 2 service water system.

A copy of the related safety evaluation supporting Amendment No. 6 to Facility Operating License NPF-11 is enclosed. Also enclosed is a copy of a related notice which has been forwarded to the Office of the Federal Register for publication.

Sincerely,



A. Schwencer, Chief  
 Licensing Branch No. 2  
 Division of Licensing

Enclosures:  
 As stated

cc: See next page

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DATE	9/2/82	9/2/82	9/3/82	9/7/82			

La Salle

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Director of Nuclear Licensing  
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Chicago, Illinois 60690

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Attorney General  
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Department of Public Health  
Attn: Chief, Division of Nuclear Safety  
535 West Jefferson  
Springfield, Illinois 62761

The Honorable Tom Corcoran  
United States House of Representatives  
Washington, D. C. 20515

Chairman  
Illinois Commerce Commission  
Leland Building  
527 East Capitol Avenue  
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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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-373

LA SALLE COUNTY STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

License No. NPF-11  
Amendment No. 6

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
  - A. The application for amendment by the Commonwealth Edison Company, dated August 19 and 30, 1982, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
  - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations; set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of the Facility Operating License No. NPF-11 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 6, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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DATE							

3. This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing

Attachments:  
Changes to the Technical  
Specifications

Date of Issuance: September 7th, 1982

OFFICE	DL:LB#2/PM	DL:LB#2/LA	OELD	DL:LB#2/BC			
SURNAME	ABourria:pt	EHylton	<i>[Signature]</i>	ASchwencer			
DATE	9/3/82	9/3/82	9/3/82	9/7/82			

ATTACHMENT TO LICENSE AMENDMENT NO. 6

FACILITY OPERATING LICENSE NO. NPF-11

DOCKET NO. 50-373

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

REMOVE

3/4 3-82

3/4 3-84

INSERT

3/4 3-82

3/4 3-84



TABLE 4.3.7.10-1

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u>	<u>CHANNEL CHECK</u>	<u>SOURCE CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>
1. GAMMA SCINTILLATION MONITOR PROVIDING ALARM AND AUTOMATIC TERMINATION OF RELEASE				
a. Liquid Radwaste Effluents Line	D	P	Q(1)	R(3)
2. GAMMA SCINTILLATION MONITORS PROVIDING ALARM BUT NOT PROVIDING AUTOMATIC TERMINATION OF RELEASE				
a. Service Water System Effluent Line (ID18-K608)	D	M	Q(2)	R(3)
b. RHR Service Water (Line A) Effluent Line	D	M	Q(2)	R(3)
c. RHR Service Water (Line B) Effluent Line	D	M	Q(2)	R(3)
d. Service Water System Effluent Line (2D18-K608)	D	M	Q(2)	R(3)
3. FLOW RATE MEASUREMENT DEVICES				
a. Liquid Radwaste Effluent Line	D(4)	N.A.	Q	R
b. River Discharge - Blowdown Pipe	D(4)	N.A.	Q	R

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-373

COMMONWEALTH EDISON COMPANY

NOTICE OF ISSUANCE OF AMENDMENT OF FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 6 to Facility Operating License No. NPF-11, issued to Commonwealth Edison Company, which revised Technical Specifications for operation of the La Salle County Station, Unit No. 1 (the facility) located in Brookfield Township, La Salle County, Illinois. The Amendment is effective as of the date of issuance.

The Amendment consists of a change to the Technical Specifications to include the Unit 2 Service Water System Effluent Line Radiation Monitor (2D18-K608) in Tables 3.3.7.10-1 and 4.3.7.10-1 of Specification 3.3.7.10.

The application for amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this Amendment was not required since the Amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this Amendment will not result in any significant environmental impact and that pursuant to 10 CFR Section 51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this Amendment.

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DATE									

For further details with respect to this action, see (1) the application for amendment dated August 19 and 30, 1982, (2) Amendment No. 6 to License NPF-11 dated September , 1982. All of these items are available for public inspection at the Commission's Public Document Room 1717 H Street, N.W., Washington, D. C. 20555, and the Public Library of Illinois Valley Community College, Rural Route No. 1, Ogelsby, Illinois. A copy of items (1) and (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 7th day of September 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing

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DATE	9/3/82	9/3/82	9/3/82	9/4/82			