

February 17, 1998

Mr. Oliver D. Kingsley, President
Nuclear Generation Group
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: ISSUANCE OF AMENDMENTS (TAC NOS. M99900 AND M99901)

Dear Mr. Kingsley:

The U.S. Nuclear Regulatory Commission (Commission) has issued the enclosed Amendment No. 123 to Facility Operating License No. NPF-11 and Amendment No. 108 to Facility Operating License No. NPF-18 for the LaSalle County Station, Units 1 and 2, respectively. The amendments are in response to your application dated October 15, 1997.

The amendments eliminate unnecessary detail from the Accident Monitoring Instrumentation Surveillance Requirements (TS Table 4.3.7.5-1).

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Orig. signed by

Donna M. Skay, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-373, 50-374

- Enclosures: 1. Amendment No. 123 to NPF-11
- 2. Amendment No. 108 to NPF-18
- 3. Safety Evaluation

cc w/encls: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 17, 1998

Mr. Oliver D. Kingsley, President
Nuclear Generation Group
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
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A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

A handwritten signature in black ink, appearing to read "Donna M. Skay".

Donna M. Skay, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-373, 50-374

Enclosures: 1. Amendment No. 123 to NPF-11
2. Amendment No. 108 to NPF-18
3. Safety Evaluation

cc w/encls: See next page

O. Kingsley
Commonwealth Edison Company

cc:

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LaSalle Station Manager
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LaSalle County Station
Units 1 and 2

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-373

LASALLE COUNTY STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 123
License No. NPF-11

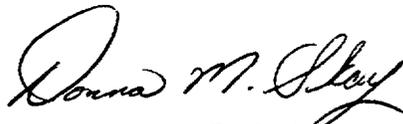
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment filed by the Commonwealth Edison Company (the licensee), dated October 15, 1997, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's 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 enclosure 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 and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 123, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance and shall be implemented prior to startup from L1F35.

FOR THE NUCLEAR REGULATORY COMMISSION



Donna M. Skay, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 17, 1998

ATTACHMENT TO LICENSE AMENDMENT NO. 123

FACILITY OPERATING LICENSE NO. NPF-11

DOCKET NO. 50-373

Replace the following page of the Appendix "A" Technical Specifications with the enclosed page. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

REMOVE

3/4 3-71

INSERT

3/4 3-71

TABLE 4.3.7.5-1

ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>
1. Reactor Vessel Pressure	M	R
2. Reactor Vessel Water Level	M	R
3. Suppression Chamber Water Level	M	R
4. Suppression Chamber Water Temperature	M	R
5. Suppression Chamber Air Temperature	M	R
6. Primary Containment Pressure	M	R
7. Drywell Air Temperature	M	R
8. Drywell Oxygen Concentration	M	R
9. Drywell Hydrogen Concentration Analyzer and Monitor	M	Q
10. Primary Containment Gross Gamma Radiation	M	R
11. Safety/Relief Valve Position Indicators	M	R
12. Noble Gas Monitor, Main Stack	M	R
13. Noble Gas Monitor, Standby Gas Treatment System Stack	M	R



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-374

LASALLE COUNTY STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 108
License No. NPF-18

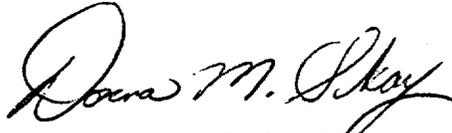
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment filed by the Commonwealth Edison Company (the licensee), dated October 15, 1997, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's 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 enclosure to this license amendment and paragraph 2.C.(2) of the Facility Operating License No. NPF-18 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 108, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance and shall be implemented prior to restart from L2R07.

FOR THE NUCLEAR REGULATORY COMMISSION



Donna M. Skay, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 17, 1998

ATTACHMENT TO LICENSE AMENDMENT NO. 108

FACILITY OPERATING LICENSE NO. NPF-18

DOCKET NO. 50-374

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

REMOVE

3/4 3-71

INSERT

3/4 3-71

TABLE 4.3.7.5-1

ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>
1. Reactor Vessel Pressure	M	R
2. Reactor Vessel Water Level	M	R
3. Suppression Chamber Water Level	M	R
4. Suppression Chamber Water Temperature	M	R
5. Suppression Chamber Air Temperature	M	R
6. Primary Containment Pressure	M	R
7. Drywell Air Temperature	M	R
8. Drywell Oxygen Concentration	M	R
9. Drywell Hydrogen Concentration Analyzer and Monitor	M	Q
10. Primary Containment Gross Gamma Radiation	M	R
11. Safety/Relief Valve Position Indicators	M	R
12. Noble Gas Monitor, Main Stack	M	R
13. Noble Gas Monitor, Standby Gas Treatment System Stack	M	R



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 123 TO FACILITY OPERATING LICENSE NO. NPF-11 AND
AMENDMENT NO. 108 TO FACILITY OPERATING LICENSE NO. NPF-18

COMMONWEALTH EDISON COMPANY

LASALLE COUNTY STATION, UNITS 1 AND 2

DOCKET NOS. 50-373 AND 50-374

1.0 INTRODUCTION

By letter dated October 15, 1997, the Commonwealth Edison Company (ComEd, the licensee) submitted a request for changes to the LaSalle County Station, Units 1 and 2, Technical Specifications (TS). The proposed amendments would eliminate unnecessary detail from the Accident Monitoring Instrumentation Surveillance Requirements (TS Table 4.3.7.5-1).

2.0 EVALUATION

TS Table 4.3.7.5-1, Accident Monitoring Instrumentation Surveillance Requirements, lists the channel checks and channel calibrations for the required accident monitoring instrumentation. This table includes a quarterly channel calibration of the drywell hydrogen concentration analyzer and monitor. A footnote (*) states that this calibration must be performed using sample gas containing four volume percent hydrogen with the balance nitrogen. The licensee has determined that the current TS is incorrect and proposes to delete this footnote.

Three Mile Island (TMI) Action Plan Item II.F.1 provides the requirements for accident monitoring instrumentation. Attachment 6 to II.F.1, "Containment Hydrogen Monitor" states that the measurement capability of these monitors shall be provided over the range of 0 to 10 percent hydrogen concentration. In LaSalle's licensing Safety Evaluation Report (SER), NUREG-0519, Section 22, the staff concluded that the capability of the hydrogen monitors covers the 0-10 percent range and was, therefore, acceptable. The Updated Final Safety Analysis Report (UFSAR), Section 7.5.2.2.2.1, states that the hydrogen concentration is recorded up to 10 percent. The use of a calibration gas containing four volume percent hydrogen, which is used to span the instrumentation, results in the control room indication for drywell hydrogen concentration being limited to a range of 0 percent to 4 percent. Therefore, compliance with the current TS results in the instrumentation not meeting the licensing basis.

The licensee has proposed to delete the footnote rather than modify it based on the fact that it provides unnecessary detail concerning the calibration requirements that are specific to the type of instrument used for this application. These details are more appropriate for station procedures. The requirements to perform channel calibrations on a quarterly basis and channel checks on a monthly basis will not be changed. The TS definition of Channel Calibration requires calibrating instrumentation channels over the range of use of the instrument. The

design and licensing basis requires a 0 percent to 10 percent indication range. Therefore, the licensee must use the appropriate calibration gas concentration to meet the TS surveillance requirement, even if the specific details are not included in the TS. The level of detail proposed by the licensee is consistent with this and other instrumentation in NUREG-1434, Revision 1, Standard Technical Specifications, General Electric Plants, BWR/6.

Because the footnote provides unnecessary detail, its deletion from the TS will not affect the requirement to perform channel calibrations of these instruments and is acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Illinois State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a surveillance requirement. The NRC staff has determined that the amendments involve 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. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (62 FR 61841). Accordingly, the 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 the amendments.

5.0 CONCLUSION

The Commission has 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: D. Skay

Date: February 17, 1998