



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

May 9, 1986

Docket Nos: 50-373  
and 50-374

Mr. Dennis L. Farrar  
Director of Licensing  
Commonwealth Edison Company  
P.O. Box 767  
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Issuance of Amendment No. 42 to Facility Operating License  
No. NPF-11 and Amendment No. 23 to Facility Operating License  
No. NPF-18 - La Salle County Station, Units 1 and 2

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 42 to Facility Operating License No. NPF-11 and Amendment No. 23 to Facility Operating License No. NPF-18 for the La Salle County Station, Units 1 and 2. These amendments are in response to your letter dated March 21, 1986.

The amendments revise the La Salle Units 1 and 2 Technical Specifications to reflect the addition of backup overload protection devices required to satisfy License Condition 2.C.(23) for Unit 1. For Unit 2, these devices are installed and are being added to the Technical Specifications.

A copy of the related safety evaluation supporting Amendment No. 42 to Facility Operating License No. NPF-11 and Amendment No. 23 to Facility Operating License NPF-18 is enclosed.

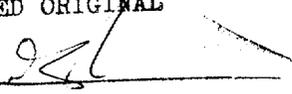
Sincerely,

Elinor G. Adensam, Director  
BWR Project Directorate No. 3  
Division of BWR Licensing

Enclosures:

1. Amendment No. 42 to NPF-11
2. Amendment No. 23 to NPF-18
3. Safety Evaluation

DESIGNATED ORIGINAL

Certified By 

cc w/enclosure:  
See next page

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Mr. Dennis L. Farrar  
Commonwealth Edison Company

La Salle County Nuclear Power Station  
Units 1 & 2

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AMENDMENT NO. 42 TO FACILITY OPERATING LICENSE NO. NPF-11 - LA SALLE, UNIT 1  
AMENDMENT NO. 23 TO FACILITY OPERATING LICENSE NO. NPF-18 - LA SALLE, UNIT 2

DISTRIBUTION:

Docket No. 50-373  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-373

LA SALLE COUNTY STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 42  
License No. NPF-11

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
  - A. The application for amendment filed by the Commonwealth Edison Company (the licensee), dated March 21, 1986, 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. 42, 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.

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3. This amendment is effective upon startup following the first refueling.

FOR THE NUCLEAR REGULATORY COMMISSION

*Elinor G. Adensam*

Elinor G. Adensam, Director  
BWR Project Directorate No. 3  
Division of BWR Licensing

Enclosure:  
Changes to the Technical  
Specifications

Date of Issuance: May 9, 1986

ENCLOSURE TO LICENSE AMENDMENT NO. 42

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 a vertical line indicating the area of change.

REMOVE

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## ELECTRICAL POWER SYSTEMS

### PRIMARY CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

#### LIMITING CONDITION FOR OPERATION

3.8.3.2 All primary containment penetration conductor overcurrent protective devices shown in Table 3.8.3.2-1 shall be OPERABLE.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

#### ACTION:

- a. With one or more of the primary containment penetration conductor overcurrent protective devices shown in Table 3.8.3.2-1 inoperable, restore the protective device(s) to OPERABLE status or de-energize the circuit(s) by tripping the associated circuit breaker or racking out or removing the inoperable circuit breaker within 72 hours, declare the affected system or component inoperable, and verify the circuit breaker to be tripped or the inoperable circuit breaker racked out, or removed, at least once per 7 days thereafter. Otherwise, be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. The provisions of Specification 3.0.4 are not applicable to overcurrent devices in circuits which have their circuit breakers tripped, racked out, or removed.

#### SURVEILLANCE REQUIREMENTS

4.8.3.2 Each of the primary containment penetration conductor overcurrent protective devices shown in Table 3.8.3.2- 1 shall be demonstrated OPERABLE:

- a. At least once per 18 months:
  1. By verifying that the 6.9 kV and 4.16 kV circuit breakers are OPERABLE by selecting, on a rotating basis, at least 10% of the circuit breakers and performing:
    - a) A CHANNEL CALIBRATION of the associated protective relays, and
    - b) An integrated system functional test of the breakers overcurrent protective trip circuit which includes simulated automatic actuation of the trip system to demonstrate that the overall penetration protection design remains within operable limits.
    - c) For each circuit breaker found inoperable during these functional tests; an additional representative sample of at least 10% of all the circuit breakers of the inoperable type shall also be functionally tested until no more failures are found or all circuit breakers of that type have been functionally tested.

## ELECTRICAL POWER SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

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2. By selecting and functionally testing a representative sample of at least 10% of each type of 480-volt circuit breakers. Circuit breakers selected for functional testing shall be selected on a rotating basis. Testing of these circuit breakers shall consist of injecting a current in excess of 120% of the breakers nominal setpoint and measuring the response time. The measured response time will be compared to the manufacturer's data to insure that it is less than or equal to 120% of a value specified for test current by the manufacturer. Circuit breakers found inoperable during functional testing shall be restored to OPERABLE status prior to resuming operation. For each circuit breaker found inoperable during these functional tests, an additional representative sample of at least 10% of all the circuit breakers of the inoperable type shall also be functionally tested until no more failures are found or all circuit breakers of that type have been functionally tested.
- b. At least once per 60 months by subjecting each circuit breaker to an inspection and preventive maintenance in accordance with procedures prepared in conjunction with its manufacturer's recommendations.

TABLE 3.8.3.2-1

PRIMARY CONTAINMENT PENETRATION CONDUCTOR  
OVERCURRENT PROTECTIVE DEVICES

<u>DEVICE NUMBER AND LOCATION</u>	<u>SYSTEM/COMPONENT POWERED</u>
<u>a. 6.9 kV Circuit Breakers</u>	
1. Swgr. 151 (Bkr. 3A)	RR Pump 1A Primary - fast speed
2. Swgr. 152 (Bkr. 3B)	RR Pump 1B Primary - fast speed
3. Swgr. 151-1 (Brk. 2A)	RR Pump 1A, Primary - low speed
4. Swgr. 152-1 (Brk. 2B)	RR Pump 1B, Primary - low speed
5. Swgr. 151-1 (Brk. 4A)	RR Pump 1A, Backup - fast speed
6. Swgr. 152-1 (Brk. 4B)	RR Pump 1B Backup - fast speed
<u>b. 4.16 kV Circuit Breakers</u>	
1. Swgr. 141Y (Brk. 1A)	RR Pump 1A Backup - low speed
2. Swgr. 142Y (Brk. 1B)	RR Pump 1B Backup - low speed
<u>c. 480 VAC Circuit Breakers</u>	
1. Swgr. 136Y (Compt. 403C)	VP/Pri. Cont. Vent Supply Fan 1B
2. Swgr. 135Y (Compt. 203A)	VP/Pri. Cont. Vent Supply Fan 1A
<u>d. 480 VAC (Molded Case) Circuit Breakers</u>	
1. Type K-M Cat # NZ MH6-160/SM6C <sup>(a)</sup>	
a) MCC 136Y-2 (Compt. C4)	RR/MOV 1B33-F067B
b) MCC 136Y-2 (Compt. A3)	RR/MOV 1B33-F023B
c) MCC 134X-1 (Compt. B3)	NB/MOV1 1B21-F001

<sup>(a)</sup> Backup breakers are located in the back of the respective MCC.

TABLE 3.8.3.2-1 (Continued)

<u>DEVICE NUMBER AND LOCATION</u>	<u>SYSTEM/COMPONENT POWERED</u>
d) MCC 134X-1 (Compt. B4)	NB/MOV 1B21-F002
e) MCC 136Y-1 (Compt. D5) (Normal)	RH/MOV 1E12-F009
f) MCC 136Y-2 (Compt. E4)	RI/MOV 1E51-F063
g) MCC 135Y-1 (Compt. A1)	RR/MOV 1B33-F023A
h) MCC 135Y-1 (Compt. A4)	RR/MOV 1B33-F067A
i) MCC 133-1 (Compt. C2)	RT/MOV 1G33-F102
j) MCC-133-1 (Compt. E1)	NB/MOV 1B21-F005
k) MCC-136Y-2 (Compt. B1)	NB/MOV 1B21-F016
l) MCC 136Y-2 (Compt. E1)	RH/MOV 1E12-F099A
m) MCC 136Y-1 (Compt. E4)	RT/MOV 1G33-F001
n) MCC 136Y-2 (Compt. A5)	WR/MOV 1WR180
o) MCC 136Y-2 (Compt. D6)	RH/MOV 1E12-F099B
p) MCC 136Y-1 (Compt. H5)	VP/MOV 1VP113B
q) MCC 136Y-1 (Compt. H4)	VP/MOV 1VP114A
r) MCC 136Y-1 (Compt. H3)	VP/MOV 1VP113A
s) MCC 136Y-1 (Compt. H6)	VP/MOV 1VP114B
t) MCC 136Y-2 (Compt. A4)	WR/MOV 1WR179
u) MCC 135Y-1 (Compt. D3)	RT/MOV 1G33-F101
v) MCC 135Y-1 (Compt. D4)	RT/MOV 1G33-F100
w) MCC 133-1 (Compt. C3)	RT/MOV 1G33-F106
x) MCC 136Y-2 (Compt. D5)	RI/MOV 1E51-F076
y) MCC 135X-1 (Compt. C2) (Emerg)	RH/MOV 1E12-F009
2. Type K-M Cat # NZ M12V-630/ZM12AV	
a) MCC 135X-2 (Compt. E4)	VP/Pri. Cont. Vent Supply Fan 1A Backup
b) MCC 136X-2 (Compt. G4)	VP/Pri. Cont. Vent Supply Fan 1B Backup



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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-374

LA SALLE COUNTY STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 23  
License No. NPF-18

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
  - A. The application for amendment filed by the Commonwealth Edison Company (the licensee), dated March 21, 1986, 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. 23, 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 amendment is effective upon date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

*Elinor G. Adensam*

Elinor G. Adensam, Director  
BWR Project Directorate No. 3  
Division of BWR Licensing

Enclosure:  
Changes to the Technical  
Specifications

Date of Issuance: May 9, 1986

ENCLOSURE TO LICENSE AMENDMENT NO. 23

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.

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## ELECTRICAL POWER SYSTEMS

### PRIMARY CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

#### LIMITING CONDITION FOR OPERATION

3.8.3.2 All primary containment penetration conductor overcurrent protective devices shown in Table 3.8.3.2-1 shall be OPERABLE.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

ACTION:

- a. With one or more of the primary containment penetration conductor overcurrent protective devices shown in Table 3.8.3.2-1 inoperable, restore the protective device(s) to OPERABLE status or de-energize the circuit(s) by tripping the associated circuit breaker or racking out or removing the inoperable circuit breaker within 72 hours, declare the affected system or component inoperable, and verify the circuit breaker to be tripped or the inoperable circuit breaker racked out, or removed, at least once per 7 days thereafter. Otherwise, be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. The provisions of Specification 3.0.4 are not applicable to overcurrent devices in circuits which have their circuit breakers tripped, racked out, or removed.

#### SURVEILLANCE REQUIREMENTS

4.8.3.2 Each of the primary containment penetration conductor overcurrent protective devices shown in Table 3.8.3.2- 1 shall be demonstrated OPERABLE:

- a. At least once per 18 months:
  1. By verifying that the 6.9 kV and 4.16 kV circuit breakers are OPERABLE by selecting, on a rotating basis, at least 10% of the circuit breakers and performing:
    - a) A CHANNEL CALIBRATION of the associated protective relays, and
    - b) An integrated system functional test of the breakers overcurrent protective trip circuit which includes simulated automatic actuation of the trip system to demonstrate that the overall penetration protection design remains within operable limits.
    - c) For each circuit breaker found inoperable during these functional tests, an additional representative sample of at least 10% of all the circuit breakers of the inoperable type shall also be functionally tested until no more failures are found or all circuit breakers of that type have been functionally tested.

## ELECTRICAL POWER SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

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2. By selecting and functionally testing a representative sample of at least 10% of each type of 480-volt circuit breakers. Circuit breakers selected for functional testing shall be selected on a rotating basis. Testing of these circuit breakers shall consist of injecting a current in excess of 120% of the breakers nominal setpoint and measuring the response time. The measured response time will be compared to the manufacturer's data to insure that it is less than or equal to 120% of a value specified for test current by the manufacturer. Circuit breakers found inoperable during functional testing shall be restored to OPERABLE status prior to resuming operation. For each circuit breaker found inoperable during these functional tests, an additional representative sample of at least 10% of all the circuit breakers of the inoperable type shall also be functionally tested until no more failures are found or all circuit breakers of that type have been functionally tested.
- b. At least once per 60 months by subjecting each circuit breaker to an inspection and preventive maintenance in accordance with procedures prepared in conjunction with its manufacturer's recommendations.

TABLE 3.8.3.2-1

PRIMARY CONTAINMENT PENETRATION CONDUCTOR  
OVERCURRENT PROTECTIVE DEVICES

<u>DEVICE NUMBER AND LOCATION</u>	<u>SYSTEM/COMPONENT POWERED</u>
<u>a. 6.9 kV Circuit Breakers</u>	
1. Swgr. 251 (Bkr. 3A)	RR Pump 2A Primary - fast speed
2. Swgr. 252 (Bkr. 3B)	RR Pump 2B Primary - fast speed
3. Swgr. 251-1 (Brk. 2A)	RR Pump 2A, Primary - low speed
4. Swgr. 252-1 (Brk. 2B)	RR Pump 2B, Primary - low speed
5. Swgr. 251-1 (Brk. 4A)	RR Pump 2A, Backup - fast speed
6. Swgr. 252-1 (Brk. 4B)	RR Pump 2B Backup - fast speed
<u>b. 4.16 kV Circuit Breakers</u>	
1. Swgr. 241Y (Brk. 1A)	RR Pump 2A Backup - low speed
2. Swgr. 242Y (Brk. 1B)	RR Pump 2B Backup - low speed
<u>c. 480 VAC Circuit Breakers</u>	
1. Swgr. 236Y (Compt. 400A)	VP/Pri. Cont. Vent Supply Fan 2B
2. Swgr. 235Y (Compt. 202C)	VP/Pri. Cont. Vent Supply Fan 2A
<u>d. 480 VAC (Molded Case) Circuit Breakers</u>	
1. Type K-M Cat # NZ MH6-160/SM6C <sup>(a)</sup>	
a) MCC 236Y-2 (Compt. C4)	RR/MOV 2B33-F067B
b) MCC 236Y-2 (Compt. A3)	RR/MOV 2B33-F023B
c) MCC 234X-1 (Compt. B3)	NB/MOV1 2B21-F001

<sup>(a)</sup> Backup breakers are located in the back of the respective MCC.

TABLE 3.8.3.2-1 (Continued)

<u>DEVICE NUMBER AND LOCATION</u>	<u>SYSTEM/COMPONENT POWERED</u>
d) MCC 234X-1 (Compt. B4)	NB/MOV 2B21-F002
e) MCC 236Y-1 (Compt. D5) (Normal)	RH/MOV 2E12-F009
f) MCC 236Y-2 (Compt. E4)	RI/MOV 2E51-F063
g) MCC 235Y-1 (Compt. A1)	RR/MOV 2B33-F023A
h) MCC 235Y-1 (Compt. A4)	RR/MOV 2B33-F067A
i) MCC 233-1 (Compt. C2)	RT/MOV 2G33-F102
j) MCC-233-1 (Compt. E1)	NB/MOV 2B21-F005
k) MCC-236Y-2 (Compt. B1)	NB/MOV 2B21-F016
l) MCC 236Y-2 (Compt. E1)	RH/MOV 2E12-F099A
m) MCC 236Y-1 (Compt. E4)	RT/MOV 2G33-F001
n) MCC 236Y-2 (Compt. A5)	WR/MOV 2WR180
o) MCC 236Y-2 (Compt. D6)	RH/MOV 2E12-F099B
p) MCC 236Y-1 (Compt. H5)	VP/MOV 2VP113B
q) MCC 236Y-1 (Compt. H4)	VP/MOV 2VP114A
r) MCC 236Y-1 (Compt. H3)	VP/MOV 2VP113A
s) MCC 236Y-1 (Compt. H6)	VP/MOV 2VP114B
t) MCC 236Y-2 (Compt. A4)	WR/MOV 2WR179
u) MCC 235Y-1 (Compt. D3)	RT/MOV 2G33-F101
v) MCC 235Y-1 (Compt. D4)	RT/MOV 2G33-F100
w) MCC 233-1 (Compt. C3)	RT/MOV 2G33-F106
x) MCC 236Y-2 (Compt. D5)	RI/MOV 2E51-F076
y) MCC 235X-1 (Compt. C2) (Emerg)	RH/MOV 2E12-F009
2. Type K-M Cat # NZ M12V-630/ZM12AV	
a) MCC 235X-2 (Compt. AA4)	VP/Pri. Cont. Vent Supply Fan 1A Backup
b) MCC 236X-2 (Compt. AA4)	VP/Pri. Cont. Vent Supply Fan 1B Backup



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 42 TO FACILITY OPERATING LICENSE NO. NPF-11 AND

AMENDMENT NO. 23 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 March 21, 1986, Commonwealth Edison (the licensee) requested an amendment to the Technical Specifications for Facility Operating License NPF-11 and NPF-18 for LaSalle County Station Units 1 and 2. The amendment reflects the addition of backup overload protective devices for containment electric penetrations which are required to satisfy License Condition 2.C.(23) for Unit 1 and to clarify the existing installation for Unit 2.

2.0 EVALUATION

The licensee has proposed several technical specification changes with respect to these amendments. These changes have been reviewed in accordance with the guidelines contained in NUREG-0123, "GE STS (BWR/5) Standard Technical Specifications."

- a. Table 3.8.3.2-1, "Primary Containment Penetration Conductor Overcurrent Protective Devices" has been changed in order to identify the backup devices that are to be installed in Unit 1 and to clarify the existing installation for Unit 2. The staff agrees with the licensee that this change is required by License Condition 2.C.(23). The staff concludes that this change is consistent with NUREG-0123 guidelines and is acceptable. Surveillance requirement 4.8.3.2.a.1 has also been changed to reflect the above change to Table 3.8.3.2-1. The staff concludes that this change is consistent with NUREG-0123 guidelines and is acceptable.
- b. Section 3.8.3.2, Action a and b for both Units 1 and 2, has been changed in order to provide clarification. This clarification is not consistent with NUREG-0123 guidelines. However, the staff agrees with the licensee that the required actions for deenergizing circuits apply equally to 6.9 kV, 4.16 kV, or 480 volt circuits and that different actions for these different circuits are unnecessary. The staff, therefore, concludes that the LaSalle Technical Specification should be revised to reflect this clarification.
- c. Table 3.8.3.2-1 has also been revised to delete "Trip Setpoint" and "Response Time" information. The staff agrees with the licensee that this information represents nominal trip setpoints (well below the design

current of electrical penetrations), that any trip setpoint change will be reviewed to ensure that they remain within the penetration design limits, and that the information does not need to be included as a requirement in the Technical Specifications. The staff, therefore, concludes that this deletion is acceptable. In addition, it should be noted that this deletion is not consistent with the current NUREG-0123 guidelines but is consistent with proposed staff revisions to NUREG-0123 guidelines and Technical Specifications issued to recently licensed plants.

Surveillance requirements 4.8.3.2.a.1.b and 4.8.3.2.a.2 have also been changed to reflect the above change to Table 3.8.3.2.1. The staff concludes that these changes, although not consistent, are equivalent to NUREG-0123 guidelines and are acceptable.

- d. Surveillance requirement 4.8.3.2.a.2 has been revised to specify only a maximum response time limit requirement versus both maximum and minimum limit. The staff agrees with the licensee that there is no need to specify a minimum limit since the safety concern is related to a combination of excessive time and current that a fault is allowed to exist. The staff, therefore, concludes that this change is 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 in 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 (51 FR 12227) on April 9, 1986, and consulted with the state of Illinois. No public comments were received, and the state of Illinois did not have any comments.

The staff 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, 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.

Principal Contributor: J. Knox, NRR

Dated: May 9, 1986