November 4, 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: CORRECTION TO AMENDMENT - BYRON STATION AND BRAIDWOOD STATION (TAC NOS. M96449, M96450, M96451, M96452, MA0765, MA0766, MA0767 AND MA0768)

Dear Mr. Kingsley:

By letter dated October 6, 1998, the U.S. Nuclear Regulatory Commission (Commission) issued Amendment No. 104 to Facility Operating License No. NPF-37 and Amendment No. 104 to Facility Operating License No. NPF-66 for the Byron Station, Unit Nos. 1 and 2, respectively, and Amendment No. 96 to Facility Operating License No. NPF-72 and Amendment No. 96 to Facility Operating License No. NPF-77 for the Braidwood Station, Unit Nos. 1 and 2, respectively. By letter dated October 15, 1998, the Commission issued Amendment No. 105 to Facility Operating License No. NPF-37 and Amendment No. 105 to Facility Operating License No. NPF-66 for the Byron Station, Unit Nos. 1 and 2, respectively, and Amendment No. 97 to Facility Operating License No. NPF-72 and Amendment No. 97 to Facility Operating License No. NPF-77 for the Braidwood Station, Unit Nos. 1 and 2, respectively. Subsequently, some typographical errors were noted in the revised Technical Specification pages that were enclosed with these amendments. The corrected Technical Specification pages are enclosed. We apologize for any inconvenience this may have caused you.

Sincerely,

ORIG. SIGNED BY
Stewart N. Bailey, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation



Docket Nos. STN 50-454, STN 50-455, STN 50-456, STN 50-457

Enclosures: Corrected TS pages

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

November 4, 1998

Mr. Oliver D. Kingsley, President
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Stewart N. Bailey, Project Manager
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Docket Nos. STN 50-454, STN 50-455,
STN 50-456, STN 50-457

Enclosures: Corrected TS pages

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TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

| FUNCTIONAL UNIT | TRIP SETPOINT | ALLOWABLE VALUE |
|---|---|---|
| 6. Auxiliary Feedwater (Continued) | | |
| f. Division 11 for Unit 1 (Division 21 for Unit 2) ESF Bus Undervoltage-Start Motor-Driven Pump | 2870 volts | 2730 volts |
| g. Auxiliary Feedwater Pump Suction Pressure-Low (Transfer to Essential Service Water) | ≥18.1 psia | ≥17.4 psia |
| 7. Automatic Opening of Containment Sump Suction Isolation Valves | | |
| a. Automatic Actuation Logic and Actuation Relays | N.A. | N.A. |
| b. RWST Level-Low-Low Coincident with Safety Injection | 46.7% | 44.7% |
| | See Item 1. above for Safety Injection Trip Setpoints and Allowable Values. | |

## CONDENSATE STORAGE TANK

### LIMITING CONDITION FOR OPERATION

3.7.1.3 The condensate storage tank (CST) shall be OPERABLE with a contained water level of at least 60%* (75%**).

APPLICABILITY: MODES 1, 2, and 3.

ACTION:

With the CST inoperable, within 4 hours either:

a. Restore the CST to OPERABLE status or be in at least HOT STANDBY within the next 6 hours and in HOT SHUTDOWN within the following 6 hours, or

b. Demonstrate the OPERABILITY of the Essential Service Water System as a backup supply to the auxiliary feedwater pumps and restore the CST to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours and in HOT SHUTDOWN within the following 6 hours.

### SURVEILLANCE REQUIREMENTS

4.7.1.3.1 The CST shall be demonstrated OPERABLE at least once per 12 hours by verifying the contained water level is within its limits when the tank is the supply source for the auxiliary feedwater pumps.

4.7.1.3.2 The Essential Service Water System shall be demonstrated OPERABLE at least once per 12 hours by performing the surveillance specified in Specification 4.7.4a. whenever the Essential Service Water System is the supply source for the auxiliary feedwater pumps.

*Applicable to Unit 1 and to Unit 2 after Cycle 7.
**Not applicable to Unit 1. Applicable to Unit 2 through Cycle 7.

## CONDENSATE STORAGE TANK

### LIMITING CONDITION FOR OPERATION

3.7.1.3 The condensate storage tank (CST) shall be OPERABLE with a contained water level of at least 57%* (66%**) {80%***}.

APPLICABILITY: MODES 1, 2, and 3.

ACTION:

With the CST inoperable, within 4 hours either:

a. Restore the CST to OPERABLE status or be in at least HOT STANDBY within the next 6 hours and in HOT SHUTDOWN within the following 6 hours, or

b. Demonstrate the OPERABILITY of the Essential Service Water System as a backup supply to the auxiliary feedwater pumps and restore the CST to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours and in HOT SHUTDOWN within the following 6 hours.

### SURVEILLANCE REQUIREMENTS

4.7.1.3.1 The CST shall be demonstrated OPERABLE at least once per 12 hours by verifying the contained water level is within its limits when the tank is the supply source for the auxiliary feedwater pumps.

4.7.1.3.2 The Essential Service Water System shall be demonstrated OPERABLE at least once per 12 hours by performing the surveillance specified in Specification 4.7.4a. whenever the Essential Service Water System is the supply source for the auxiliary feedwater pumps.

*Applicable to Unit 1 after Cycle 8 and to Unit 2 after Cycle 8.
**Applicable to Unit 1 after Cycle 7. Applicable to Unit 2.
***Applicable to Unit 1 through Cycle 7. Not applicable to Unit 2.

3) Verifying a system flow rate of 66,900 cfm ± 10% through the train and 22,300 cfm ±10% per bank through the exhaust filter plenum during operation when tested in accordance with ANSI N510-1980; and

4) Verifying that with the system operating at a flow rate of 66,900 cfm ±10% through the train and 22,300 cfm ±10% per bank and exhausting through the HEPA filter and charcoal adsorbers, the total bypass flow of the system and the damper leakage is less than or equal to 1% when the system is tested by admitting cold DOP at the system intake and the damper leakage rate is determined by either direct measurements or pressure decay measurements at a test pressure of 2 inches of water and the auxiliary building exhaust fans are operating at their rated flow.

c. After every 720 hours of charcoal adsorber operation, by verifying, within 31 days after removal, that a laboratory analysis of a representative carbon sample obtained from each bank of adsorbers of the train in accordance with Regulatory Position C.6.b of Regulatory Guide 1.52, Revision 2, March 1978, meets the laboratory testing criteria of Regulatory Position C.6.a of Regulatory Guide 1.52, Revision 2, March 1978, when the average for a methyl iodide penetration of less than 1% when tested at a temperature of 30°C and a relative humidity of 70%.

d. At least once per 18 months by:

1) Verifying for each filter bank of the train that the pressure drop across the combined HEPA filters and charcoal adsorber banks of less than 6.0 inches Water Gauge while operating the exhaust filter plenum at a flow rate of 66,900 cfm ± 10% through the train and 22,300 cfm ±10% per bank;

2) Verifying that the exhaust filter plenum starts on manual initiation or Safety Injection test signal; and

3) Verifying that the system maintains the ECCS equipment rooms at a negative pressure of greater than or equal to 1/4 in. Water Gauge relative to the outside atmosphere during system operation while operating at a flow rate of 66,900 cfm ±10% through the train and 22,300 cfm ±10% per bank.

e. After each complete or partial replacement of a HEPA filter bank, by verifying that the exhaust filter plenum satisfies the in-place penetration testing acceptance criteria of less than 1% in accordance with ANSI N510-1980 for a DOP test aerosol while operating at a flow rate of 66,900 cfm ± 10% through the train and 22,300 cfm ±10% per bank; and