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

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-333

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 41
License No. DPR-59

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by the Power Authority of the State of New York (the licensee) dated September 1, 1978, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and 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 rules and 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;

   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 Facility Operating License No. DPR-59 is hereby amended to read as follows:

   (2) Technical Specifications

   The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 41, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION

Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: November 16, 1978

ATTACHMENT TO LICENSE AMENDMENT NO. 41

FACILITY OPERATING LICENSE NO. DPR-59

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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	Insert
221	221
222	222
222a	222a
222b	222b
222c	222c

3.9 (cont'd)

E. Station Batteries

1. The reactor shall not be made critical unless both station batteries and associated chargers and d-c buses are in service, except as specified below.

2. During power operation, if one battery becomes unavailable, repairs shall be made immediately, and continued reactor operation is permissible for a period not to exceed 7 days total/calendar-month provided that:

   a. The other battery including its battery charger, and distribution systems is operable.

   b. Pilot cell voltage, specific gravity, and overall voltage and temperature is measured immediately and daily thereafter for the operable battery.

   c. The availability of the unaffected Emergency Diesel Generator System shall be demonstrated in accordance with Specification 4.9.B.5.

4.9 (cont'd)

E. Station Batteries

1. Every week the specific gravity, voltage and temperature of the pilot cell and overall battery voltage shall be measured.

2. Every three months the following measurements shall be made: a) voltage of each cell to nearest 0.01 v, b) specific gravity of each cell, c) temperature of every fifth cell.

3.9 (cont'd)

3. From and after the time that both batteries are made or found to be inoperable for any reason, the reactor shall be in a cold condition within 24 hrs.

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4.9 nt'd)

3. Once each operating cycle not to exceed 18 months the station batteries shall be subjected to a service test as defined in Reg. Guide 1.129 (Batteries).

4. Once each 5-year interval the station batteries shall be subjected to a performance discharge test as determined in Reg. Guide 1.129 (Batteries).

5. Each battery charger shall be visually inspected weekly and a performance test conducted each operating cycle not to exceed 18 months.

6. Once/month: open the battery charger output breakers one at a time and observe performance for proper operation.

.9 (cont'd)

. LPCI MOV Independent Power Supplies

4.9 (cont'd)

F. LPCI MOV Independent Power Supplies

1. Every week the specific gravity, voltage and temperature of each pilot cell, and overall battery voltage shall be measured and chargers and inverters shall be visually inspected.

2. Every three months the following measurements shall be made:

   a. Voltage of each cell to the nearest of 0.01 v:

   b. Specific gravity of each cell;

   c. Temperature of every fifth cell.

3. Once each operating cycle not to exceed 18 months the battery shall be subjected to a service test as defined in Reg. Guide 1.129 (Batteries).

4. Once each 5-year interval the battery shall be subjected to a performance discharge test as defined in Reg. Guide 1.129 (Batteries).

5. Each battery charger and inverter shall be visually inspected weekly and a performance test conducted each operating cycle not to exceed 18 months.

6. Once/month: open the battery charger output breakers one at a time and observe performance for proper operation.

F. LPCI MOV Independent Power Supplies

1. Reactor shall not be made critical unless both independent power supplies, including the batteries, inverters and chargers and their associated buses (MCC-155 and MCC-165) are in service, except as specified below.

2. During power operation, if one independent power supply becomes unavailable, repairs shall be made immediately and continued reactor operation is permissible for a period not to exceed 7 days unless the unavailable train is made operable sooner. From and after the date one of the independent power supplies is made or found to be inoperable for any reason, the following would apply:

   a. The other independent power supply including its charger, inverter, battery and associated bus is operable.

   b. Pilot cell voltage, specific gravity and temperature and overall battery voltage are measured immediately and weekly thereafter for the operable independent power supply battery.

   c. The inoperable independent power supply shall be isolated from its associated LPCI MOV bus, and this bus will be manually switched to its maintenance power source.

3. From and after the time both power supplies are made or found inoperable, the reactor shall be brought to cold condition within 24 hours.