

August 30, 1989

Docket Nos. 50-454
and 50-455

Mr. Thomas J. Kovach
Nuclear Licensing Manager
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

DISTRIBUTION
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ARM/LFMB

Dear Mr. Kovach:

The Commission has issued the enclosed Amendment No. 33 to Facility Operating License No. NPF-37 and Amendment No. 33 to Facility Operating License No. NPF-66 for the Byron Station, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated April 7, 1989.

These amendments approve changes to the Technical Specifications to remove two motor-operated valves from Tables 3.8-2a and 3.8-2b.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

Leonard N. Olshan, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosures:

1. Amendment No. 33 to NPF-37
2. Amendment No. 33 to NPF-66
3. Safety Evaluation

cc w/enclosures:
See next page

PDIII-2:LA
LLuther:dmj *LL*
6/21/89

PDIII-2:PM
LOlshan
6/7/89

P.S.
PDIII-2:(A)PD
PShemanski
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AK STATE
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 30, 1989

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Mr. Thomas J. Kovach
Nuclear Licensing Manager
Commonwealth Edison Company
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Sincerely,

A handwritten signature in dark ink, appearing to read "Leonard N. Olshan".

Leonard N. Olshan, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosures:

1. Amendment No. 33 to NPF-37
2. Amendment No. 33 to NPF-66
3. Safety Evaluation

cc w/enclosures:
See next page

DFOI
1/1

Mr. Thomas J. Kovach
Commonwealth Edison Company

Byron Station
Units 1 and 2

cc:

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Chairman, Ogle County Board
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EIS Review Coordinator
Environmental Protection Agency
Region V
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Commonwealth Edison Company
Byron Station Manager
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Byron, Illinois 61010



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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-454

BYRON STATION, UNIT-1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 33
License No. NPF-37

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Commonwealth Edison Company (the licensee) dated April 7, 1989 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. NPF-37 is hereby amended to read as follows:

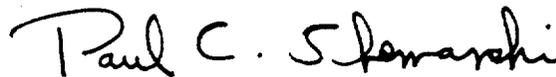
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(2) Technical Specifications

The Technical Specifications contained in Appendix A as revised through Amendment No. 33 and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this 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.

FOR THE NUCLEAR REGULATORY COMMISSION



Paul C. Shemanski, Acting Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Attachment:
Changes to the Technical
Specifications

Date of Issuance: August 30, 1989



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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-455

BYRON STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 33
License No. NPF-66

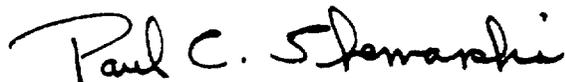
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Commonwealth Edison Company (the licensee) dated April 7, 1989, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter 1;
 - 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. NPF-66 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A (NUREG-1113), as revised through Amendment No. 33 and revised by Attachment 2 to NPF-60, and the Environmental Protection Plan contained in Appendix B, both of which were attached to License No. NPF-37, dated February 14, 1985, are hereby incorporated into this license. Attachment 2 contains a revision to Appendix A which is hereby incorporated into this 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.

FOR THE NUCLEAR REGULATORY COMMISSION



Paul C. Shemanski, Acting Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Attachment:
Changes to the Technical
Specifications

Date of Issuance: August 30, 1989

ATTACHMENT TO LICENSE AMENDMENT NOS. 33 AND 33.
FACILITY OPERATING LICENSE NOS. NPF-37 AND NPF-66
DOCKET NOS. 50-454 AND 50-455

Revise Appendix A as follows:

<u>Remove Pages</u>	<u>Insert Pages</u>
3/4 8-42	3/4 8-42
3/4 8-47	3/4 8-47

TABLE 3.8-2a (Continued)

MOTOR-OPERATED VALVES THERMAL OVERLOAD

PROTECTION DEVICES

UNIT 1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>
1SI8804B	SI Pump 1B Suct X-tie from RHR HX
1SI8806	SI Pumps Upstream Suction Isol
1SI8807A	SI to Chg PP Suction Crosstie Isol Vlv
1SI8807B	SI to Chg PP Suction Crosstie Isol Vlv
1SI8808A	Accum. 1A Disch. Isol. Valve
1SI8808B	Accum. 1B Disch. Isol. Valve
1SI8808C	Accum. 1C Disch. Isol. Valve
1SI8808D	Accum. 1D Disch. Isol. Valve
1SI8809A	SI RX HX 1A Dsch Line Dwst Isol Vlv
1SI8809B	SI RX HX 1B Dsch Line Dwst Isol Vlv
1SI8811A	SI Cnmt Sump A Outlet Isol Vlv
1SI8811B	SI Cnmt Sump B Outlet Isol Vlv
1SI8812A	SI Rwst to RH Pp 1A Outlet Isol Vlv
1SI8812B	SI Rwst to RH Pp 1B Outlet Isol Vlv
1SI8813	SI Pumps 1A-1B Recirc Line Dwst Isol
1SI8814	SI Pump 1A Recirc Line Isol Vlv
1SI8835	SI Pumps X-tie Disch Isol Vlv
1SI8840	SI RHR HX Disch Line Upstrm Cont Pen Isl Vlv
1SI8821A	SI PP 1A Disch Line X-tie Isol Vlv
1SI8821B	SI Pump 1B Disch Line X-tie Isol Vlv
1SI8920	SI Pump 1B Recirc Line Isol Vlv
1SI8923A	SI PP 1A Suction Isol Vlv
1SI8923B	SI Pump 1B Suct Isol Valve
1SI8924	SI Pump 1A Suction X-tie Dwnstrm Isol Vlv
1SX016B	RCFC B&D Sx Supply MOV
1SX016A	RCFC A&C SX Supply MOV
1SX027A	RCFC A&C Return
1SX027B	RCFC B&D SX Return MOV
OSX007	CC HX Outlet Vlv
OSX146	CC Hx "O" return Vlv to Unit 1 MDCT
OSX157A	SX M/U Pp OA Supply Fill to MDCT
OSX157B	SX M/U Pp OB Supply to MDCT OB MOV
OSX158A	SX M/U Pp OA Supply Fill to MDCT MOV
OSX158B	SX M/U Pp OB Supply to MDCT OB MOV
OSX162A	MDCT OA Bypass to basin MOV
OSX162B	MDCT OB Bypass to basin MOV

TABLE 3.8-2b (Continued)

MOTOR-OPERATED VALVES THERMAL OVERLOAD

PROTECTION DEVICES

UNIT 2 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>
2SX001A	2A SX Pp Suct Vlv MOV
2SX001B	2B SX Pp Suct Vlv MOV
2SX004	U-2 SX Supply to U-2 CCW HX MOV
2SX005	2B SX Pp Supply to 0 CCW HX MOV
2SX007	CC HX Outlet Vlv
2SX010	U-2 Trn A return Vlv AB
2SX011	Trn A Trn B Unit 2 return X-tie Vlv AB
2SX033	2A SX Pp Disch X-tie MOV
2SX034	2B SX Pp Disch X-tie MOV
2SX136	Unit 2 Trn B return Vlv AB
2W0006A	Chilled wtr coils 2A & 2C Supply Isol vlv
2W0006B	Chilled wtr coils 2B & 2D Supply Isol vlv
2W0020A	Chilled wtr coils 2A & 2C Return Isol vlv
2W0020B	Chilled wtr coils 2B & 2D Return Isol vlv
2W0056A	Chilled Water Cnmt. Isol. Valve
2W0056B	Chilled Water Cnmt. Isol. Valve
0SX007	CC HX Outlet Vlv
0SX157A	SX M/U Pp OA Supply Fill to MDCT
0SX157B	SX M/U Pp OB Supply to MDCT OB MOV
0SX158A	SX M/U Pp OA Supply Fill to MDCT MOV
0SX158B	SX M/U pp OB Supply to MDCT OB MOV



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 33 TO FACILITY OPERATING LICENSE NO. NPF-37
AND AMENDMENT NO. 33 TO FACILITY OPERATING LICENSE NO. NPF-66

COMMONWEALTH EDISON COMPANY

BYRON STATION, UNITS 1 AND 2

DOCKET NOS. 50-454 AND 50-455

1.0 INTRODUCTION

By letter dated April 7, 1989, Commonwealth Edison Company (CECo), the licensee, submitted a proposed amendment to Facility Operating Licenses NPF-37 and NPF-66 for Bryon Station, Units 1 and 2. The proposed amendment removes two motor-operated valves from Technical Specification Tables 3.8-2a and 3.8-2b.

2.0 DISCUSSION AND EVALUATION

Motor-operated valves OSX063A and OSX063B are the essential service water inlet valves to the control room chillers. They were originally designed to isolate essential service water from the chillers if the essential service water temperature was close to the freezing point. It has since been determined that this was unnecessary because the essential service water temperature during the winter does not decrease to a point requiring chiller isolation. Therefore, the licensee, prior to the issuance of the operating license for Unit 1, converted these motor-operated valves to manual locked open valves. This minimizes the potential of an inadvertent closure of these valves interrupting the water supply to the control room chillers. Since these valves are now manual, they do not meet the criteria for inclusion in Technical Specification 3.8.4.2, Motor-Operated Valves Thermal Overload Protection Devices.

Thus we conclude that removing these two valves, OSX063A and OSX063B, from Tables 3.8-2a and 3.8-2b is acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

The amendment involves change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves 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 exposures. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendment meets the eligibility criteria for

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categorical exclusion set forth in 10 CFR Section 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 amendment.

4.0 CONCLUSION

The staff has further 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 this amendment will not be inimical to the common defense and security or the health and safety of the public.

Principal Contributor: Leonard N. Olshan

Dated: August 30, 1989