



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

COMMONWEALTH EDISON COMPANY

DOCKET NO. STN 50-454

BYRON STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 1
License No. NPF-23

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Commonwealth Edison Company (the licensee) dated January 18, 1985, 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, Facility Operating License No. NPF-23 is hereby amended as indicated below and by changes to the Technical Specifications as indicated in the attachment to this license amendment:

Revise paragraph 2.C.(2) to read as follows:

Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 1, 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 was effective January 18, 1985.

FOR THE NUCLEAR REGULATORY COMMISSION

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B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: **JAN 28 1985**

CONCURRENCES:

DL:LB#1
LOlshan:es
1/24/85

OELD *no objection*
1/24/85

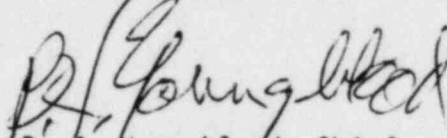
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DL:LB#1
BJYoungblood
1/27/85

Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 1, 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 was effective January 18, 1985.

FOR THE NUCLEAR REGULATORY COMMISSION


B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: January 28, 1985

ATTACHMENT TO LICENSE AMENDMENT NO. 1

FACILITY OPERATING LICENSE NO. NPF-23

DOCKET NO. STN 50-454

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

Pages

3/4 6-21

3/4 6-22

3/4 6-23

3/4 6-24

TABLE 3.6-1 (Continued)
CONTAINMENT ISOLATION VALVES

<u>PENETRATION</u>	<u>VALVE NO.</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (SEC)</u>
6. <u>Main Steam Isolation (Continued)</u>			
85	1MS101B*	Main Steam	10.0
86	1MS101C*	Main Steam	10.0
7. <u>Feedwater Isolation</u>			
76	1FW009D*	Main Feedwater	5.0
76	1FW043D*	Main Feedwater	6.0
79	1FW009A*	Main Feedwater	5.0
79	1FW043A*	Main Feedwater	6.0
84	1FW009B*	Main Feedwater	5.0
84	1FW043B*	Main Feedwater	6.0
87	1FW009C*	Main Feedwater	5.0
87	1FW043C*	Main Feedwater	6.0
99	1FW035D*	Main Feedwater	6.0
99	1FW039D*	Main Feedwater	6.0
100	1FW035A*	Main Feedwater	6.0
100	1FW039A*	Main Feedwater	6.0
101	1FW035B*	Main Feedwater	6.0
101	1FW039B*	Main Feedwater	6.0
102	1FW035C*	Main Feedwater	6.0
102	1FW039C*	Main Feedwater	6.0
8. <u>Remote Manual</u>			
68	1RH8701A* ,#	RH Suction	N/A
68	1RH8701B* ,#	RH Suction	N/A
75	1RH8702A* ,#	RH Suction	N/A
75	1RH8702B* ,#	RH Suction	N/A
59	1SI8881*	Hot Leg Safety Injection	N/A
73	1SI8824*	Hot Leg Safety Injection	N/A
66	1SI8825*	Hot Leg RH Injection	N/A
60	1SI8823*	Cold Leg Safety Injection	N/A
50	1SI8890A*	Cold Leg RH Injection	N/A
51	1SI8890B*	Cold Leg RH Injection	N/A
26	1SI8843*	Cold Leg Safety Injection	N/A
33	1CV8355A*	RCP Seal Injection	N/A
33	1CV8355D*	RCP Seal Injection	N/A
53	1CV8355B*	RCP Seal Injection	N/A
53	1CV8355C*	RCP Seal Injection	N/A

TABLE 3.6-1 (Continued)
CONTAINMENT ISOLATION VALVES

<u>PENETRATION</u>	<u>VALVE NO.</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (SEC)</u>
8. <u>Remote Manual</u> (Continued)			
59	1SI8802A*	Hot Leg Safety Injection	N/A
73	1SI8802B*	Hot Leg Safety Injection	N/A
60	1SI8835*	Hot Leg Safety Injection	N/A
50	1SI8809A*	RH Cold Leg Injection	N/A
51	1SI8809B*	RH Cold Leg Injection	N/A
66	1SI8840*	Hot Leg Safety Injection	N/A
100	1AF013A*	Feedwater	N/A
100	1AF013E*	Feedwater	N/A
101	1AF013B*	Feedwater	N/A
101	1AF013F*	Feedwater	N/A
102	1AF013C*	Feedwater	N/A
102	1AF013G*	Feedwater	N/A
99	1AF013D*	Feedwater	N/A
99	1AF013H*	Feedwater	N/A
9. <u>Manual</u>			
37	1CV8346*	RCS Loop Fill	N/A
13	1VQ016	Instrument Penetration	N/A
13	1VQ017	Instrument Penetration	N/A
13	1VQ018	Instrument Penetration	N/A
13	1VQ019	Instrument Penetration	N/A
15	1RY075	Instrument Penetration	N/A
30	1WM190	Make-Up Demin	N/A
57	1FC009	Spent Fuel Pool Cleaning	N/A
57	1FC010	Spent Fuel Pool Cleaning	N/A
32	1FC011	Spent Fuel Pool Cleaning	N/A
32	1FC012	Spent Fuel Pool Cleaning	N/A
77	1MS021D*,#	Main Steam	N/A
78	1MS021A*,#	Main Steam	N/A
85	1MS021B*,#	Main Steam	N/A
86	1MS021C*,#	Main Steam	N/A
AL	1PR002E	Process Radiation	N/A
AL	1PR033A	Process Radiation	N/A
AL	1PR033B	Process Radiation	N/A
AL	1PR002F	Process Radiation	N/A
AL	1PR033C	Process Radiation	N/A
AL	1PR033D	Process Radiation	N/A

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>PENETRATION</u>	<u>VALVE NO.</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (SEC)</u>
9. <u>Manual</u> (Continued)			
99	1FW015D*,#	Feedwater	N/A
100	1FW015A*,#	Feedwater	N/A
101	1FW015B*,#	Feedwater	N/A
102	1FW015C*,#	Feedwater	N/A
10. <u>Check</u>			
28	1CV8113	RCP Seal Water Return	N/A
37	1CV8348*	RCS Loop Fill	N/A
6	1W0007A	Chilled Water	N/A
10	1W0007B	Chilled Water	N/A
21	1CC9534	RCP Mtr Brng Return	N/A
24	1CC9518	RCP Thermal Barrier Return	N/A
25	1CC9486	RCP Cooling Wtr Supply	N/A
1	1CS008A	Containment Spray	N/A
16	1CS008B	Containment Spray	N/A
39	1IA091	Instrument Air	N/A
30	1WM191	Make-Up Demin	N/A
52	1PR032	Process Radiation	N/A
AL	1PR002G	Process Radiation	N/A
AL	1PR002H	Process Radiation	N/A
12	1PS231A	Hydrogen Monitor	N/A
12	1PS231B	Hydrogen Monitor	N/A
27	1RY8047	PRT Nitrogen	N/A
44	1RY8046	PRT Make-Up	N/A
26	1SI8815*	Safety Injection	N/A
50	1SI8818A*	Safety Injection	N/A
50	1SI8818D*	Safety Injection	N/A
51	1SI8818B*	Safety Injection	N/A
51	1SI8818C*	Safety Injection	N/A
59	1SI8905A*	Safety Injection	N/A
59	1SI8805D*	Safety Injection	N/A
60	1SI8819A*	Safety Injection	N/A
60	1SI8819B*	Safety Injection	N/A

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>PENETRATION</u>	<u>VALVE NO.</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (SEC)</u>
10. <u>Check</u> (Continued)			
60	1SI8819C*	Safety Injection	N/A
60	1SI8819D*	Safety Injection	N/A
66	1SI8841A*	Safety Injection	N/A
66	1SI8841B*	Safety Injection	N/A
73	1SI8905B*	Safety Injection	N/A
73	1SI8905C*	Safety Injection	N/A
55	1SI8968*	Safety Injection	N/A
34	1FP345*	Fire Protection	N/A
33	1CV8368A*	RCP Seal Injection	N/A
33	1CV8368D*	RCP Seal Injection	N/A
53	1CV8368B*	RCP Seal Injection	N/A
53	1CV8368C*	RCP Seal Injection	N/A
11. <u>S/G Safeties/PORVs</u>			
77	1MS013D*	Main Steam	N/A
77	1MS014D*	Main Steam	N/A
77	1MS015D*	Main Steam	N/A
77	1MS016D*	Main Steam	N/A
77	1MS017D*	Main Steam	N/A
78	1MS013A*	Main Steam	N/A
78	1MS014A*	Main Steam	N/A
78	1MS015A*	Main Steam	N/A
78	1MS016A*	Main Steam	N/A
78	1MS017A*	Main Steam	N/A
85	1MS013B*	Main Steam	N/A
85	1MS014B*	Main Steam	N/A
85	1MS015B*	Main Steam	N/A
85	1MS016B*	Main Steam	N/A
85	1MS017B*	Main Steam	N/A
86	1MS013C*	Main Steam	N/A
86	1MS014C*	Main Steam	N/A
86	1MS015C*	Main Steam	N/A
86	1MS016C*	Main Steam	N/A
86	1MS017C*	Main Steam	N/A
77	1MS018D*	Main Steam	20
78	1MS018A*	Main Steam	20
85	1MS018B*	Main Steam	20
86	1MS018C*	Main Steam	20

*Not subject to Type C leakage tests.

**Proper valve operation will be demonstrated by verifying that the valve strokes to its required position.

#May be opened on an intermittent basis under administrative control.