

# UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

#### COMMONWEALTH EDISON COMPANY

#### DOCKET NO. STN 50-454

#### BYRON STATION, UNIT NO. 1

#### AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 91 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 January 20, 1997, 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.
- 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:

9707150033 970710 PDR ADOCK 05000454 PDR PDR

The Technical Specifications contained in Appendix A as revised through Amendment No. 91 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.

 This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

George F. Dick, Senior Project Manager Project Directorate III-2 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications



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

COMMONWEALTH EDISON COMPANY

## DOCKET NO. STN 50-455

#### BYRON STATION, UNIT NO. 2

#### AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 90 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 January 20, 1997, 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.
- 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:

The Technical Specifications contained in Appendix A (NUREG-1113), as revised through Amendment No. 9D and revised by Attachment 2 to NPF-66, 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.

 This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

George F. Dick, Senior Project Manager Project Directorate III-2 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

# ATTACHMENT TO LICENSE AMENDMENT NOS. 91 AND 90

# FACILITY OPERATING LICENSE NOS. NPF-37 AND NPF-66

#### DOCKET NOS. STN 50-454 AND STN 50-455

Revise the Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by the captioned amendment number and contain marginal lines indicating the area of change.

Remove Pages	Insert Pages
3/4 6-21	3/4 6-21
3/4 6-22	3/4 6-22
3/4 6-23	3/4 6-23
3/4 6-24	3/4 6-24

PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ISOLATION TIME (SEC)
6. Main Ste	am Isolation (C	ontinued)	
85 86	MS1018* MS101C*	Main Steam Main Steam	6 6
7. Feedwate	r Isolation		
76 76 79 79 84 87 99##(76)*** 99##(76)*** 100##(79)*** 100##(79)*** 101##(84)*** 101##(84)*** 102##(87)***	FW039D* FW035A* FW039A* FW035B* FW039B* FW035C*	Main Feedwater Main Feedwater	5 6 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6
8. <u>Remote M</u>	anual		
68 68 75 75	RH8701A*,# RH3701B*,# RH8702A*,# RH8702B*,#	RH Suction RH Suction RH Suction RH Suction	N.A. N.A. N.A. N.A.
59 73 66 60 50 51 26	SI8881* SI8824* SI8825* SI8823* SI8890A* SI8890B* SI8843*	Hot Leg Safety Injection Hot Leg Safety Injection Hot Leg RH Injection Cold Leg Safety Injection Cold Leg RH Injection Cold Leg Safety Injection	N.A. N.A. N.A. N.A. N.A. N.A. N.A.
33 33 53 53	CV8355A* CV8355D* CV83556* CV8355C*	RCP Seal Injection RCP Seal Injection RCP Seal Injection RCP Seal Injection	N.A. N.A. N.A. N.A.

BYRON - UNITS 1 & 2 3/4 6-21 AMENDMENT NO. 91 & 90

PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ISOLATION TIME (SEC)
8. <u>Remote Ma</u>	anual (Continued)		
59 73 60 50 51	S18802A* S18802B* S18835* S18809A* S18809B*	Hot Leg Safety Injection Hot Leg Safety Injection Hot Leg Safety Injection RH Cold Leg Injection RH Cold Leg Injection	N.A. N.A. N.A. N.A. N.A.
66	S18840*	Hot Leg Safety Injection	N.A.
100##(79)*** 100##(79)*** 101##(84)*** 101##(84)*** 102##(87)*** 102##(87)*** 99##(76)***	AF013E* AF013B* AF013F* AF013C* AF013G* AF013D*	Feedwater Feedwater Feedwater Feedwater Feedwater Feedwater Feedwater Feedwater	N.A. N.A. N.A. N.A. N.A. N.A. N.A.
9. <u>Manual</u>			
37	CV8346*	RCS Loop Fill	N.A.
13 13 13 13	VQ016 VQ017 VQ018 VQ019	Instrument Penetration Instrument Penetration Instrument Penetration Instrument Penetration	N.A. N.A. N.A. N.A.
15	RY075	Instrument Penetration	N.A.
30	WM190	Make-Up Demin	N.A.
57 57 32 32	FC009 FC010 FC011 FC012	Spent Fuel Pool Cleaning Spent Fuel Pool Cleaning Spent Fuel Pool Cleaning Spent Fuel Pool Cleaning	N.A. N.A. N.A. N.A.
77 78 85 86	MS021D*,# MS021A*,# MS021B*,# MS021C*,#	Main Steam Main Steam Main Steam Main Steam	N.A. N.A. N.A.
AL AL AL AL AL AL	PR002E# PR033A# PR033B# PR002F# PR033C# PR033D#	Process Radiation Process Radiation Process Radiation Process Radiation Process Radiation Process Radiation	N.A. N.A. N.A. N.A. N.A.
BYRON - UNITS	1 & 2	3/4 6-22	AMENDMENT NO. 91 & 90

PENETRATION	VALVE NO.		AXIMUM ON TIME (SEC)
9. <u>Manual</u> (0	Continued)		
99	FW015D*,#	Feedwater##(steem Generator Recirculation)***	N.A.
100	FW015A*,#	Feedwater##(steem Generator Recirculation)***	N.A.
101	FW015B*,#	Feedwater##(steem Generator Recirculation)***	N.A.
102	FW015C*,#	Feedwater##(steem Generator Recirculation)***	N.A.
10. Check			
28	CV8113	RCP Seal Water Return	N.A.
37	CV8348*	RCS Loop Fill	N.A.
6	WØ007A	Chilled Water	N.A.
10	WØ007B	Chilled Water	N.A.
21	CC9534	RCP Mtr Brng Return	N.A.
24	CC9518	RCP Thermal Barrier Return	N.A.
25	CC9486	RCP Cooling Wtr Supply	N.A.
1	CS008A	Containment Spray	N.A.
16	CS008B	Containment Spray	N.A.
39	IA091	Instrument Air	N.A.
30	WM191	Make-Up Demin	N.A.
52	PR032	Process Radiation	N.A.
AL	PROO2G	Process Radiation	N.A.
AL	PROO2H	Process Radiation	N.A.
12	PS231A	Hydrogen Monitor	N.A.
31	PS231B	Hydrogen Monitor	N.A.
27	RY8047	PRT Nitrogen	N.A.
44	RY8046	PRT Make-Up	N.A.
26 50 51 51 59 59 60 60	SI8815* SI8818 SI8818D* SI8818B* SI8818C* SI8805A* SI8905D* SI8819A* SI8819B*	Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection	

BYRON - UNITS 1 & 2

AMENDMENT NO. 91 & 90

PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ISOLATION TIME (SEC)
10. Check (Co	ontinued)		
60	SI8819C*	Safety Injection	N.A.
60	S18819D*	Safety Injection	N.A.
66	S18841A*	Safety Injection	N.A.
66	S18841B*	Safety Injection	N.A.
73	S18905B*	Safety Injection	N.A.
73	SI8905C*	Safety Injection	N.A.
55	S18968	Safety Injection	N.A.
34	FP345*	Fire Protection	N.A.
33	CV8368A*	RCP Seal Injection	N.A.
33	CV8368D*	RCP Seal Injection	N.A.
53	CV8368B*	RCP Seal Injection	N.A.
53	CV8368C*	RCP Seal Injection	N.A.
11. S/G Safe	ties/PORVs		
77	MS013D*	Main Steam	N.A.
77	MS014D*	Main Steam	N.A.
77	MS015D*	Main Steam	N.A.
77	MS016D*	Main Steam	N.A.
77	MS017D*	Main Steam	N.A.
78	MS013A*	Main Steam	N.A.
78	MS014A*	Main Steam	N.A.
78	MS015A*	Main Steam	N.A.
78	MS016A*	Main Steam	N.A.
78	MS017A*	Main Steam	N.A.
85	MS013B*	Main Steam	N.A.
85	MS014B*	Main Steam	N.A.
85	MS015B*	Main Steam	N.A.
85	MS016B*	Main Steam	N.A.
85	MS0178*	Main Steam	N.A.
86	MS013C*	Main Steam	N.A.
86	MS014C*	Main Steam	N.A.
86	MS015C*	Main Steam	N.A.
86	MS016C*	Main Steam	N.A.
86	MS017C*	Main Steam	N.A.
77	MS018D*	Main Steam	20
78	MS018A*	Main Steam	20
85	MS0188*	Main Steam	20
86	MS018C*	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.

\*\*\*Not applicable to Unit 2. Appliable to Unit 1 after Cycle 8.

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

##Applicable to Unit 1 through Cycle 8 and to Unit 2.

BYRON - UNITS 1 & 2

AMENDMENT NO. 91 & 90



#### UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D.C. 2055-0001

#### COMMONWEALTH EDISON COMPANY

#### DOCKET NO. STN 50-456

#### BRAIDWOOD STATION, UNIT NO. 1

#### AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 84 License No. NPF-72

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Commonwealth Edison Company (the licensee) dated January 20, 1997, 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.
- 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-72 is hereby amended to read as follows:

The Technical Specifications contained in Appendix A as revised through Amendment No. 84 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 and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

George F. Dick, Senior Project Manager Project Directorate III-2 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications



# UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

#### COMMONWEALTH EDISON COMPANY

#### DOCKET NO. STN 50-457

# BRAIDWOOD STATION, UNIT NO. 2

#### AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 83 License No. NPF-77

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
  - The application for amendment by Commonwealth Edison Company (the Α. licensee) dated January 20, 1997, 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:
  - Β. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission:
  - С. 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
  - Ε. 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-77 is hereby amended to read as follows:

The Technical Specifications contained in Appendix A as revised through Amendment No. 83 and the Environmental Protection Plan contained in Appendix B, both of which were attached to License No. NPF-72, dated July 2, 1987, are hereby incorporated into this license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

 This license amendment is effective as of the date if its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

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George F. Dick, Senior Project Manager Project Directorate III-2 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

# ATTACHMENT TO LICENSE AMENDMENT NOS. 84 AND 83

# FACILITY OPERATING LICENSE NOS. NPF-72 AND NPF-77

# DOCKET NOS. STN 50-456 AND STN 50-457

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

Remove Pages	Insert Pages
3/4 6-21	3/4 6-21
3/4 6-22	3/4 6-22
3/4 6-23	3/4 6-23
3/4 6-24	3/4 6-24

PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ISOLATION TIME (SEC)
	am Isolation (C		
85	MS101B*	Main Steam	6
86	MS101C*	Main Steam	6
7. <u>Feedwater</u>	Isolation		
76	FW009D*	Main Feedwater	56565666666
76	FW043D*##	Main Feedwater	6
79	FW009A*	Main Feedwater	5
79	FW043A*##	Main Feedwater	6
84	FW009B*	Main Feedwater	5
34	FW043B*##	Main Feedwater	6
37	FW009C*	Main Feedwater	5
37	FW043C*##	Main Feedwater	6
99##(76)*** 99##(76)***	FW035D*	Main Feedwater	6
39##(76)***	FW039D*	Main Feedwater	6
100##(79)***	FW035A*	Main Feedwater	6
100##(79)***	FW039A*	Main Feedwater	6
101##(84)***	FWU35B*	Main Feedwater	6
101##(84)***	FW0398*	Main Feedwater	6
102##(87)***	FWU35C*	Main Feedwater	0
102##(87)***	FW039C*	Main Feedwater	0
8. <u>Remote Ma</u>	inual		
68	RH8701A*,#	RH Suction	N.A.
68	RH8701B*,#	RH Suction	N.A.
75	RH8702A*,#	RH Suction	N.A.
75	RH8702B*,#	RH Suction	N.A.
59	SI8881*	Hot Leg Safety Injection	N.A.
73	SI8824*	Hot Leg Safety Injection	N.A.
56	SI8825*	Hot Leg RH Injection	N.A.
60	SI8823*	Cold Leg Safety Injection	N.A.
50	SI8890A*	Cold Leg RH Injection	N.A.
51	SI88908*	Cold Leg RH Injection	N.A.
26	SI8843*	Cold Leg Safety Injection	N.A.
33	CV8355A*	RCP Seal Injection	N.A.
33	CV8355D*	RCP Seal Injection	N.A.
53	CV83558*	RCP Seal Injection	N.A.
53	CV8355C*	RCP Seal Injection	N.A.

BRAIDWOOD - UNITS 1 & 2 3/4 6-21

AMENDMENT NO. 84 & 83

PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ISOLATION TIME (SEC)
8. <u>Remote Ma</u>	anual (Continue	ed)	
59	S18802A*	Hot Leg Safety Injection	N.A.
73	S18802B*	Hot Leg Safety Injection	N.A.
60	S18835*	Hot Leg Safety Injection	
50	S18809A*	RH Cold Leg Injection	N.A.
51	S18809B*	RH Cold Leg Injection	N.A.
66	S18840*	Hot Leg Safety Injection	N.A.
100##(79)***	AF013A*	Feedwater	N.A.
100##(79)***		Feedwater	N.A.
101##(84)***	AF013B*	Feedwater	N.A.
101##(84)***		Feedwater	N.A.
102##(87)***	AF013C*	Feedwater	N.A.
102##(87)***	AF013G*	Feedwater	N.A.
99##(76)***	AF013D*	Feedwater	N.A.
99##(76)***	AF013H*	Feedwater	N.A.
9. <u>Manual</u>			
37	CV8346*	RCS Loop Fill	N.A.
13	VQ016	Instrument Penetration	N.A.
13	VQ017	Instrument Penetration	N.A.
13	V0018	Instrument Penetration	N.A.
13	VQ019	Instrument Penetration	N.A.
15	RY075	Instrument Penetration	N.A.
30	WM190	Make-Up Demin	N.A.
57	FC009	Spent Fuel Pool Cleaning	N.A.
57	FC010	Spent Fuel Pool Cleaning	N.A.
32	FC011	Spent Fuel Pool Cleaning	N.A.
32	FC012	Spent Fuel Pool Cleaning	N.A.
77	MS021D*,#	Main Steam	N.A.
18	MS021A*,#	Main Steam	N.A.
35	MS0218*,#	Main Steam	N.A.
36	MS021C*,#	Main Steam	N.A.
AL	PROOZE#	Process Radiation	N.A.
AL	PR033A#	Process Radiation	N.A.
AL	PR033B#	Process Radiation	N.A.
AL	PROO2F#	Process Radiation	N.A.
AL	PR033C#	Process Radiation	N.A.
AL	PR033D#	Process Radiation	N.A.
BRAIDWOOD - U	INITS 1 & 2	3/4 6-22	AMENDMENT NO. 84 & 8

1	PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ION TIME (SEC)
1	9. <u>Manual</u> (	Continued)		
	99 100 101 102	FW015D*,# FW015A*,# FW015B*,# FW015C*,#	Feedwater##(steam Generator Recirculation)** Feedwater##(steam Generator Recirculation)*** Feedwater##(steam Generator Recirculation)*** Feedwater##(steam Generator Recirculation)***	* N.A. * N.A.
1	10. Check			
	28 37	CV8113 CV8348*	RCP Seal Water Return RCS Loop Fill	N.A. N.A.
	5	WØ007A WØ007B	Chilled Water Chilled Water	N.A. N.A.
1	21 24 25	CC9534 CC9518 CC9486	RCP Mtr Brng Return RCP Thermal Barrier Return RCP Cooling Wtr Supply	N.A. N.A. N.A.
	16	CS008A CS008B	Containment Spray Containment Spray	N.A. N.A.
***	39	IA091	Instrument Air	N.A.
	30	WM191	Make-Up Demin	N.A.
ş	52	PR032	Process Radiation	N.A.
	AL.	PR002G PR002H	Process Radiation Process Radiation	N.A. N.A.
	2	PS231A PS231B	Hydrogen Monitor Hydrogen Monitor	N.A. N.A.
	27	RY8047 RY8046	PRT Nitrogen PRT Make-Up	N.A. N.A.
Ch (n (n (n (n (n (n	6 0 0 1 1 9 9 9 0 0	SI8815* SI8818A* SI8818D* SI8818B* SI8818C* SI8905A* SI8905D* SI8819A* SI8819B*	Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection Safety Injection	N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A.

BRAIDWOOD - UNITS 1 & 2 3/4 6-23

AMENDMENT NO. 84 & 83

PENETRATION	VALVE NO.	FUNCTION	MAXIMUM ISOLATION TIME (SEC)
10. Check (Co	ontinued)		
60	S18819C*	Safety Injection	N.A.
60	S18819D*	Safety Injection	N.A.
66	SI8841A*	Safety Injection	N.A.
66	S188418*	Safety Injection	N.A.
73	S18905B*	Safety Injection	N.A.
73	S18905C*	Safety Injection	N.A.
55	S18968	Safety Injection	N.A.
34	FP345*	Fire Protection	N.A.
33	CV8368A*	RCP Seal Injection	N.A.
33	CV8368D*	RCP Seal Injection	N.A.
53	CV8368B*	RCP Seal Injection	N.A.
53	CV8368C*	RCP Seal Injection	N.A.
11. S/G Safet	ties/PORVs		
77	MS013D*	Main Steam	N.A.
77	MS014D*	Main Steam	Ν.Α.
77	MS015D*	Main Steam	N.A.
77	MS016D*	Main Steam	N.A.
77	MS017D*	Main Steam	N.A.
78	MS013A*	Main Steam	N.A.
78	MSO14A*	Main Steam	N.A.
78	MS015A*	Main Steam	N.A.
78	MS016A*	Main Steam	N.A.
78	MSO17A*	Main Steam	N.A.
85	MS013B*	Main Steam	N.A.
85	MS014B*	Main Steam	N.A.
85	MS015B*	Main Steam	N.A.
85	MS016B*	Main Steam	N.A.
85	MS017B*	Main Steam	N.A.
86	MS013C*	Main Steam	N.A.
86	MS014C*	Main Steam	N.A.
86	MS015C*	Main Steam	N.A.
86	MS016C*	Main Steam	N.A.
86	MS017C*	Main Steam	N.A.
77	MS018D*	Main Steam	20
78	MS018A*	Main Steam	20
85	MS018B*	Main Steam	20
86	MS018C*	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. \*\*\*Not applicable to Unit 2. Applicable to Unit 1 after Cycle 7.

#May be opened on an intermittent basis under administrative control.
##Applicable to Unit 1 through Cycle 7 and to Unit 2.

BRAIDWOOD - UNITS 1 & 2

AMENDMENT NO. 84 & 83