



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

PHILADELPHIA ELECTRIC COMPANY
DOCKET NO. 50-352
LIMERICK GENERATING STATION, UNIT 1
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 110
License No. NPF-39

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Philadelphia Electric Company (the licensee) dated July 28, 1995, 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-39 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 110, are hereby incorporated into this license. Philadelphia Electric Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance, to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment: Changes to the
Technical Specifications

Date of Issuance: February 8, 1996

ATTACHMENT TO LICENSE AMENDMENT NO. 110

FACILITY OPERATING LICENSE NO. NPF-39

DOCKET NO. 50-352

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

3/4 6-26

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Insert

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TABLE 3.6.3-1 (Continued)
PART A - PRIMARY CONTAINMENT ISOLATION VALVES

PENETRATION FUNCTION NUMBER	FUNCTION	INBOARD ISOLATION BARRIER	OUTBOARD ISOLATION BARRIER	MAX. ISOL. TIME IF APP. (SEC) (26)	ISOL. SIGNAL(S), IF APP. (20)	NOTES	P&ID
			SV57-191 (X-220A)	5	B,H,R,S	11	
116	STANDBY LIQUID CONTROL	48-1F007(CK) (X-42)		NA			48
117B-1	DRYWELL RADIATION MONITORING SUPPLY	SV26-190A	HV48-1F006B	60		29	
			SV26-190B	5	B,H,R,S	11	26
				5	B,H,R,S	11	
117B-2	DRYWELL RADIATION MONITORING RETURN	SV26-190C		5	B,H,R,S	11	26
			SV26-190D	5	B,H,R,S	11	
201A	SUPPRESSION POOL PURGE SUPPLY	HV57-124 HV57-131(X-25)		5**	B,H,S,U,W,R,T	3,11,14	57
				5**	B,H,S,U,W,R,T	3,11,14	
			HV57-109(X-25)	6**	B,H,S,U,W,R,T	11	
			HV57-147	6**	B,H,S,U,W,R,T	11	
			HV57-121(X-25)	5**	B,H,S,U,W,R,T	11	
	HYDROGEN RECOMBINER "B" EXHAUST	HV57-164		9	B,H,R,S	3,11,14	
			HV57-169	9	B,H,R,S	11	
202	SUPPRESSION POOL PURGE EXHAUST	HV57-104 HV57-105		5**	B,H,S,U,W,R,T	3,11,14,33	57
				15**	B,H,S,U,R,T	11	
			HV57-112	6**	B,H,S,U,W,R,T	11,33	
			HV57-118	5**	B,H,S,U,R,T	11	
			SV57-185	5	B,H,R,S	11	
	HYDROGEN RECOMBINER "A" EXHAUST	HV57-162		9	B,H,R,S	3,11,14	
			HV57-166	9	B,H,R,S	11	
203A(B,C,D)	RHR PUMP SUCTION		HV51-1F004A(B,C,D)	240		29,35	51
			PSV51-1F030A (B,C,D)	NA		35	

LIMERICK - UNIT 1

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Amendment No. 8, 13, 18, 23, 110

TABLE 3.6.3-1 (Continued)

PART A - PRIMARY CONTAINMENT ISOLATION VALVES

PENETRATION NUMBER	FUNCTION	INBOARD ISOLATION BARRIER	OUTBOARD ISOLATION BARRIER	MAX. ISOL. TIME. IF APP. (SEC) (26)	ISOL. SIGNAL(S), IF APP. (20)	NOTES	P&ID
204A(B)	RHR PUMP TEST LINE AND CONTAINMENT COOLING		HV51-125A(B)	180		29,35	51
205A(B)	SUPPRESSION POOL SPRAY		HV51-1F027A(B)	45	C,G	11	51
206A(B,C,D)	CS PUMP SUCTION		HV52-1F001A (B,C,D)	160		29,35	52
207A(B)	CS PUMP TEST AND FLUSH		HV52-1F015A(B)	23	C,G	35	52
208B	CS PUMP MINIMUM RECIRC		HV52-1F031B	45	LFCH	29,35	52
209	HPCI PUMP SUCTION		HV55-1F042	160	L,LA	35	55
210	HPCI TURBINE EXHAUST		HV55-1F072	120		29,35	55
212	HPCI PUMP TEST AND FLUSH		HV55-1F071	40	B,H	35	55
214	RCIC PUMP SUCTION		HV49-1F031	60		29,35	49
215	RCIC TURBINE EXHAUST		HV49-1F060	80		29,35	49
216	RCIC MINIMUM FLOW		HV49-1F019	8	LFRC	35	49

LIMERICK - UNIT 1

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Amendment No. 2, 3, 110

TABLE 3.6.3-1 (Continued)

PART A - PRIMARY CONTAINMENT ISOLATION VALVES

PENETRATION NUMBER	FUNCTION	INBOARD ISOLATION BARRIER	OUTBOARD ISOLATION BARRIER	MAX. ISOL. TIME. IF APP. (SEC) (26)	ISOL. SIGNAL(S) IF APP. (20)	NOTES	P&ID
226A	RHR MINIMUM RECIRC		HV51-105A	40		29,35	51
226B	RHR MINIMUM RECIRC		HV51-105B	40		29,35	51
227	ILRT DATA ACQUISITION SYSTEM	60-1073	60-1074	NA NA			60
228D	HPCI VACUUM RELIEF	HV55-1F095	HV55-1F093	40 40	H,LA H,LA	4,11,24 11,24	55
230B	INSTRUMENTATION - DRYWELL SUMP LEVEL		HV61-102 HV61-112 HV61-132	45 45 45		1,23,29 23,29 23,29	61
231A	DRYWELL FLOOR DRAIN SUMP DISCHARGE	HV61-110	HV61-111	30 30	B,H B,H	11,22 11,22	61
231B	DRYWELL EQUIPMENT DRAIN TANK DISCHARGE	HV61-130	HV61-131	30 30	B,H B,H	11,22 11,22	61
235	CS PUMP MINIMUM RECIRC		HV52-1F031A	45	LFCH	29,35	52
236	HPCI PUMP MINIMUM RECIRC		HV55-1F012	15	LFHP	35	55

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Amendment No. 1B, 2B, 6B, 110

TABLE 3.6.3-1
PRIMARY CONTAINMENT ISOLATION VALVES
NOTATION

NOTES (Continued)

35. These valves are in lines that are below the minimum water level in the suppression pool, are part of closed systems outside primary containment, and are in portions of lines which a water seal will be present following an accident. Therefore, 10CFR50, Appendix J, Type C testing is not required.



UNITED STATES
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PHILADELPHIA ELECTRIC COMPANY
DOCKET NO. 50-353
LIMERICK GENERATING STATION, UNIT 2
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 73
License No. NPF-85

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Philadelphia Electric Company (the licensee) dated July 28, 1995, 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-85 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 73, are hereby incorporated into this license. Philadelphia Electric Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance, to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment: Changes to the
Technical Specifications

Date of Issuance: February 8, 1996

ATTACHMENT TO LICENSE AMENDMENT NO. 73

FACILITY OPERATING LICENSE NO. NPF-85

DOCKET NO. 50-353

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

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Insert

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3/4 6-27

3/4 6-29

3/4 6-43a

TABLE 3.6.3-1 (Continued)

PART A - PRIMARY CONTAINMENT ISOLATION VALVES

PENETRATION NUMBER	FUNCTION	INBOARD ISOLATION BARRIER	OUTBOARD ISOLATION BARRIER	MAX. ISOL. TIME. IF APP. (SEC) (26)	ISOL. SIGNAL(S), IF APP. (20)	NOTES	P&ID
			SV57-291 (X-220A)	5	B,H,R,S	11	
116	STANDBY LIQUID CONTROL	48-2F007(CK) (X-42)	HV48-2F006B	NA 60		29	48
117B-1	DRYWELL RADIATION MONITORING SUPPLY	SV26-290A	SV26-290B	5 5	B,H,R,S B,H,R,S	11 11	26
117B-2	DRYWELL RADIATION MONITORING RETURN	SV26-290C	SV26-290D	5 5	B,H,R,S B,H,R,S	11 11	26
201A	SUPPRESSION POOL PURGE SUPPLY	HV57-224 HV57-231(X-25)	HV57-209(X-25) HV57-247 HV57-221(X-25)	5** 5** 6** 6** 5**	B,H,S,U,W,R,T B,H,S,U,W,R,T B,H,S,U,W,R,T B,H,S,U,W,R,T B,H,S,U,W,R,T	3,11,14 3,11,14 11 11 11	57
	HYDROGEN RECOMBINER "B" EXHAUST	HV57-264	HV57-269	9 9	B,H,R,S B,H,R,S	3,11,14 11	
202	SUPPRESSION POOL PURGE EXHAUST	HV57-204 HV57-205	HV57-212 HV57-218 SV57-285	5** 15** 6** 5** 5	B,H,S,U,W,R,T B,H,S,U,R,T B,H,S,U,W,R,T B,H,S,U,R,T B,H,R,S	3,11,14,33 11 11,33 11 11	57
	HYDROGEN RECOMBINER "A" EXHAUST	HV57-262	HV57-266	9 9	B,H,R,S B,H,R,S	3,11,14 11	
203A(B,C,D)	RHR PUMP SUCTION		HV51-2F004A (B,C,D)	240		29,36	51
			PSV51-2F030A (B,C,D)	NA		36	

LIMERICK - UNIT 2

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Amendment No. 73

TABLE 3.6.3-1 (Continued)

PART A - PRIMARY CONTAINMENT ISOLATION VALVES

PENETRATION NUMBER	FUNCTION	INBOARD ISOLATION BARRIER	OUTBOARD ISOLATION BARRIER	MAX. ISOL. TIME. IF APP. (SEC) (26)	ISOL. SIGNAL(S), IF APP. (20)	NOTES	P&ID
204A(B)	RHR PUMP TEST LINE P&ID CONTAINMENT COOLING		HV51-225A(B)	180		29,36	51
205A(B)	SUPPRESSION POOL SPRAY		HV51-2F027A(B)	45	C,G	11	51
206A(B,C,D)	CS PUMP SUCTION		HV52-2F001A (B,C,D)	160		29,36	52
207A(B)	CS PUMP TEST AND FLUSH		HV52-2F015A(B)	23	C,G	36	52
208B	CS PUMP MINIMUM RECIRC		HV52-2F031B	45	LFCH	29,36	52
209	HPCI PUMP SUCTION		HV55-2F042	160	L,LA	36	55
210	HPCI TURBINE EXHAUST		HV55-2F072	120		29,36	55
212	HPCI PUMP TEST AND FLUSH		HV55-2F071	40	B,H	36	55
214	RCIC PUMP SUCTION		HV49-2F031	60		29,36	49
215	RCIC TURBINE EXHAUST		HV49-2F060	80		29,36	49
216	RCIC MINIMUM FLOW		HV49-2F019	8	LFRC	36	49

LIMERICK - UNIT 2

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Amendment No. 73

TABLE 3.6.3-1 (Continued)

PART A - PRIMARY CONTAINMENT ISOLATION VALVES

LIMERICK - UNIT 2	PENETRATION NUMBER	FUNCTION	INBOARD ISOLATION BARRIER	OUTBOARD ISOLATION BARRIER	MAX. ISOL. TIME. IF APP. (SEC) (26)	ISOL. SIGNAL(S), IF APP. (20)	NOTES	P&ID
	226A	RHR MINIMUM RECIRC		HV51-205A	40		29,36	51
	226B	RHR MINIMUM RECIRC		HV51-205B	40		29,36	51
	227	ILRT DATA ACQUISITION SYSTEM	60-2073	60-2074	NA NA			60
	228D	HPCI VACUUM RELIEF	HV55-2F095	HV55-2F093	40 40	H,LA H,LA	4,11,24 11,24	55
	229A	INSTRUMENTATION - SUPPRESSION POOL PRESSURE SUPPRESSION POOL LEVEL	--	SV57-201	5		10	57
3/4 6-29	230B	INSTRUMENTATION - DRYWELL SUMP LEVEL	--	HV61-212 HV61-232	45 45		23,29 23,29	61
	231A	DRYWELL FLOOR DRAIN SUMP DISCHARGE	HV61-210	HV61-211	30 30	B,H B,H	11,22 11,22	61
	231B	DRYWELL EQUIPMENT DRAIN TANK DISCHARGE	HV61-230	HV61-231	30 30	B,H B,H	11,22 11,22	61
Amendment No. 47,73	235	CS PUMP MINIMUM RECIRC		HV52-2F031A	45	LFCH	29,36	52
	236	HPCI PUMP MINIMUM RECIRC		HV55-2F012	15	LFHP	36	55

TABLE 3.6.3-1
PRIMARY CONTAINMENT ISOLATION VALVES
NOTATION

NOTES (Continued)

36. These valves are in lines that are below the minimum water level in the suppression pool, are part of closed systems outside primary containment, and are in portions of lines which a water seal will be present following an accident. Therefore, 10CFR50, Appendix J, Type C testing is not required.