



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

LOUISIANA POWER AND LIGHT COMPANY  
DOCKET NO. 50-382  
WATERFORD STEAM ELECTRIC STATION, UNIT 3  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 3  
License No. NPF-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment, dated June 6, 1985, by Louisiana Power and Light Company (licensee), complies with 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 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;
  - 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-38 is hereby amended to read as follows:

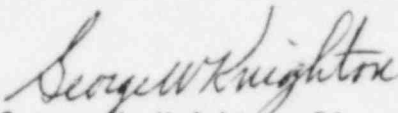
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(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 3, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in this license. LP&L shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. The license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
George W. Knighton, Director  
PWR Project Directorate No. 7  
Division of PWR Licensing-B

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: **JAN 27 1986**

JAN 27 1986

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ATTACHMENT TO LICENSE AMENDMENT NO. 3  
TO FACILITY OPERATING LICENSE NO. NPF-38  
DOCKET NO. 50-382

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. Also to be replaced are the following overleaf pages to the amended pages.

Amendment Pages

3/4 3-52  
3/4 6-29  
3/4 6-30

Overleaf Pages

3/4 3-51  
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TABLE 3.3-11  
FIRE DETECTION INSTRUMENTS

ZONE	ROOM NAME/NUMBER	ELEVATION (ft)	TOTAL NUMBER OF INSTRUMENTS*		
			HEAT (x/y)	FLAME (x/y)	SMOKE (x/y)
1. REACTOR AUXILIARY BUILDING					
RAB 1A	Control Room Proper/304	+46			20/0
RAB 1B	Emergency Equip. H&V Room/314	+46			0/12
RAB 1D	Computer Room (above raised floor)/306	+46			5/0
	Computer Room (below raised floor)/306	+46			0/7
RAB 2	Ventilation Equip. Room/299	+46			0/36
RAB 3	RAB Corridor to Relay Room/261	+35	0/1(3)		4/0
	RAB HVAC Switchgear Equip. Room/323	+46			0/10
RAB 3A	RAB Battery Exhaust Fan Room/406	+69			0/2
RAB 4	Cable Vault/260	+35			0/27
RAB 5	Electrical Penetration Area "A"/263	+35			0/13
RAB 6	Electrical Penetration Area "B"/263A	+35			0/14
RAB 7	Relay Room/262	+35	(3)		12/0
	Isolation Panels (9 Compartments - 2 per comp.)	+35			2/0
RAB 8A	High Voltage Switchgear Room "A"/212A	+21	0/1(1)		18/0
RAB 8B	Electrical Equip. Room/225B and High Voltage Switchgear Room "B"/212	+21	0/1(2)		28/0
	480V Switchgear 3A32 Room	+21	(2)		2/0
RAB 8C	High Voltage Switchgear Room "A-B"/212B	+21	(1)		8/0
RAB 8E	CEA M/G Set Room/216	+21			2/0
RAB 9	Remote Shutdown Panel Room/217	+21			1/0
RAB 11	Battery Room "B"/213	+21			2/0
RAB 12	Battery Room "AB"/214A	+21			2/0
RAB 13	Battery Room "A"/214	+21			2/0
RAB 15	Emergency Diesel Gen. "B" Room/222	+21	0/1		
RAB 15A	Emergency Diesel Gen. "B" Feed TK Room/328A	+46	0/1		
RAB 16	Emergency Diesel Gen. "A" Room/221	+21	0/1		
RAB 16A	Emergency Diesel Gen. "A" Feed Tk. Room 328A	+46	0/1		
RAB 17	CCW Heat Exchanger "B"/236	+21			0/4
RAB 18	CCW Heat Exchanger "A"/220	+21			0/4
RAB 19	CCW Pump "A"/235	+21			2/0
RAB 20	CCW Pump "AB"/234	+21			0/2
RAB 21	CCW Pump "B"/233	+21			1/0
RAB 23	Corridor to CCW Pumps/218, Corridor to CCW Heat Exchangers/219 and Corridor to Emergency Diesel Gen./225A	+21			0/39

(1) Common Resistor Wire  
(2) Common Resistor Wire  
(3) Common Resistor Wire

TABLE 3.3-11 (Continued)  
FIRE DETECTION INSTRUMENTS

<u>ZONE</u>	<u>ROOM NAME/NUMBER</u>	<u>ELEVATION (ft)</u>	<u>TOTAL NUMBER OF INSTRUMENTS*</u>		
			<u>HEAT (x/y)</u>	<u>FLAME (x/y)</u>	<u>SMOKE (x/y)</u>
1. REACTOR AUXILIARY BUILDING (Continued)					
RAB 25	Equip. Access Area/226 (wing area)	+21			15/0
RAB 27A	H&V Room/124	+ 7			0/6
RAB 27B	Electrical Area and Health Physics Offices/122	+ 7			0/35
RAB 27C	I&C Room/120	+ 7			0/6
RAB 27D	Communications Equip. Room/123	+ 7			1/0
RAB 31	Corridors and Passageways	- 4			0/24
	Corridors on eastside	- 4			0/21
RAB 32	Wing Area westside - Auxiliary Com- ponent Cooling Water Pump "A"/B53 and Pipe Penetration Area/B100	-35 & - 4			32/0
	Wing Area Center/B53 and B100	-35 & - 4			28/0
	Wing Area eastside-Component Cooling Water Pump "B"/B53 and Pipe Penetration Area/B100	-35 - 4			31/0
RAB 33	S/D Cooling Heat Exchangers A&B/B20 & B48	-35			0/18
RAB 34	Valve Operating Enclosure Bay Room "A"/B54	-15.5			2/0
	Valve Operating Enclosure Bay Room "B" B55A	-15.5			4/0
RAB 35	Safety Injection Pump Room B/B16	-35			10/0
RAB 36	Safety Injection Pump Room A/B15	-35			10/0
RAB 37	Motor-Driven Emergency Feedpump "A"/B49A	-35			0/1
RAB 38	Motor-Driven Emergency Feedpump "B"/B49B	-35			1/0
RAB 39	General Equipment Area/B5, 12, 13, & 49	-35			0/10
	Corridors & General Equip. Areas/B5, 1, 2, 3, 4, 39, 40, 41, 42, 44 & 46	-35			0/28
	East Corridor & General Equip. Areas/ B17, 23 & 25	-35			0/15
	BA Make-up Tank "A"/B38	-35			4/0
	BA Make-up Tank "B"/B53A	-35			4/0
RAB 40	Diesel Storage Tank "A"/B50	-35			3/0
RAB 41	Diesel Storage Tank "B"/B52	-35			3/0

TABLE 3.6-2 (Continued)  
CONTAINMENT ISOLATION VALVES\*\*

<u>PENETRATION NUMBER</u>	<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (Seconds)</u>
6. Manual/Remote Manual (Continued)			
48	2HV-B190A (CAR202A)*	CARS Exhaust	N.A.
51	2FS-V145A/B (FS405)*	Refueling Cavity Purification Inlet	N.A.
51	2FS-V144A/B (FS406)*	Refueling Cavity Purification Inlet	N.A.
53	2CA-V600 (CVR 301A)*	Instrument H&V	N.A.
55	2SI-V1550A1 (SI 225A)*	SIS from HPSI Loop 1A	N.A.
55	2SI-V1545B1 (SI 225B)*	SIS from HPSI Loop 1A	N.A.
56	2SI-V1546A2 (SI 226A)*	SIS from HPSI Loop 1B	N.A.
56	2SI-V1540B2 (SI 226B)*	SIS from HPSI Loop 1B	N.A.
57	2SI-V1542A3 (SI 227A)*	SIS from HPSI Loop 2A	N.A.
57	2SI-V1547B3 (SI 227B)*	SIS from HPSI Loop 2A	N.A.
58	2SI-V1548A4 (SI 228A)*	SIS from HPSI Loop 2B	N.A.
58	2SI-V1544B4 (SI 228B)*	SIS from HPSI Loop 2B	N.A.
59	2SI-V1570 (SI344)*	SIT Drain to RWSP	N.A.
62	2FS-V165A/B (FS416)	Refueling Cavity Drain	N.A.

TABLE 3.6-2 (Continued)

CONTAINMENT ISOLATION VALVES\*\*

<u>PENETRATION NUMBER</u>	<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (Seconds)</u>
6.	Manual/Remote Manual (Continued)		
62	2FS-V164A/B (FS415)	Refueling Cavity Drain	N.A.
63	2SA-V114 (LRT109)	ILRT Connection	N.A.
63	2SA-V604 (LRT110)	ILRT Connection	N.A.
65	2SA-V609 (LRT202)	ILRT Test Connection	N.A.
65	2SA-V611 (LRT204)	ILRT Test Connection	N.A.
65	2SA-V610 (LRT201)	ILRT Test Connection	N.A.
65	2SA-V612 (LRT203)	ILRT Test Connection	N.A.
65	2SA-V620 (LRT2011)	ILRT Test Connection	N.A.
65	2SA-V621 (LRT 2031)	ILRT Test Connection	N.A.
65	2CA-V601 (CVR 301B)*	Instrument H&V	N.A.
69	2SI-V1556 (SI 506A)*	SI Hot Leg Injection	N.A.
70	2SI-V1559 (SI 506B)*	SI Hot Leg Injection	N.A.
71	2DW-V642 (CMU244)*	Demineralized Water	N.A.