

May 24, 1988

Docket No. 50-382

Mr. J. G. Dewease  
Senior Vice President - Nuclear Operations  
Louisiana Power and Light Company  
317 Baronne Street, Mail Unit 17  
New Orleans, Louisiana 70112

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Dear Mr. Dewease:

SUBJECT: ISSUANCE OF AMENDMENT NO. 36 TO FACILITY OPERATING LICENSE  
NPF-38 - WATERFORD STEAM ELECTRIC STATION, UNIT 3  
(TAC NO. 67746)

The Commission has issued the enclosed Amendment No. 36 to Facility Operating License No. NPF-38 for the Waterford Steam Electric Station, Unit 3. The amendment consists of changes to the Technical Specifications (TSs) in response to your application dated March 22, 1988.

The amendment changes the Appendix A Technical Specifications by correcting the number of fire detectors installed in Fire Zone RAB-2.

A copy of the Safety Evaluation supporting the amendment is also enclosed. Notice of Issuance will be included in the Commission's next Bi-weekly Federal Register notice.

Sincerely,

/s/

David L. Wigginton, Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 36 to NPF-38
2. Safety Evaluation

cc w/enclosures:  
See next page

LTR NAME: WATERFORD 3 AMEND TAC 67746

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

May 24, 1988

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Senior Vice President - Nuclear Operations  
Louisiana Power and Light Company  
317 Baronne Street, Mail Unit 17  
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A copy of the Safety Evaluation supporting the amendment is also enclosed. Notice of Issuance will be included in the Commission's next Bi-weekly Federal Register notice.

Sincerely,

A handwritten signature in dark ink, appearing to read "D. Wigginton".

David L. Wigginton, Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 36 to NPF-38
2. Safety Evaluation

cc w/enclosures:  
See next page

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Louisiana Power & Light Company

Waterford 3

cc:

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New Orleans, Louisiana 70112

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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. 36  
License No. NPF-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Louisiana Power and Light Company (the licensee) dated March 22, 1988, 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.

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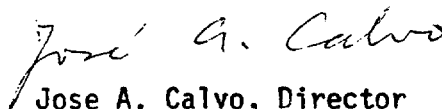
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-38 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 36, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the 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 its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Jose A. Calvo, Director  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: May 24, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 36  
TO FACILITY OPERATING LICENSE NO. NPF-38  
DOCKET NO. 50-382

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 areas of change. The corresponding overleaf pages are also provided to maintain document completeness.

Remove

3/4 3-51

Insert

3/4 3-51

TABLE 3.3-11  
FIRE DETECTION INSTRUMENTS

<u>ZONE</u>	<u>ROOM NAME/NUMBER</u>	<u>ELEVATION</u> <u>(ft)</u>	<u>TOTAL NUMBER OF</u> <u>INSTRUMENTS*</u>		
			<u>HEAT</u> <u>(x/y)</u>	<u>FLAME</u> <u>(x/y)</u>	<u>SMOKE</u> <u>(x/y)</u>
<b>1. REACTOR AUXILIARY BUILDING</b>					
RAB 1A	Main Control Panels 1,2,3,4,6,7,8,35,36	+46			10/0
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			0/35
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			0/2
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  
WATERFORD - UNIT 3

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>
<b>1. REACTOR AUXILIARY BUILDING (Continued)</b>					
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





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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 36 TO

FACILITY OPERATING LICENSE NO. NPF-38

LOUISIANA POWER AND LIGHT COMPANY

WATERFORD STEAM ELECTRIC STATION, UNIT 3

DOCKET NO. 50-382

1.0 INTRODUCTION

By application dated March 22, 1988, Louisiana Power and Light Company (LP&L or the licensee) requested changes to the Technical Specifications (Appendix A to Facility Operating License No. NPF-38) for Waterford Steam Electric Station, Unit 3. The proposed changes would correct the number of installed fire detectors in Fire Zone RAB-2.

2.0 EVALUATION

Fire Zone RAB-2 contains a ventilation equipment room in the Reactor Auxiliary Building (RAB). During construction, controlled drawings were used to identify the number and location of proposed fire detectors. The fire protection analysis program by the licensee determined the number and location of detectors and late in construction, changed the required number from 36 to 35. The construction drawing, however, was not corrected and the Technical Specifications were prepared from the incorrect drawing. The proposed change is to correct the Technical Specifications; the drawing is likewise being revised. The correct number of detectors, 35, exceeds the manufacturer's specifications and NFPA code requirements for the area covered. On this basis, we agree it is appropriate to correct the Technical Specifications and the change is acceptable.

3.0 CONTACT WITH STATE OFFICIAL

The NRC staff has advised the Administrator, Nuclear Energy Division, Office of Environmental Affairs, State of Louisiana of the proposed determination of no significant hazards consideration. No comments were received.

4.0 ENVIRONMENTAL CONSIDERATION

The amendment relates to changes in 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

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effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 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 this amendment.

## 5.0 CONCLUSION

Based upon its evaluation of the proposed changes to the Waterford 3 Technical Specifications, the staff has concluded that: there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public. The staff, therefore, concludes that the proposed changes are acceptable, and are hereby incorporated into the Waterford 3 Technical Specifications.

Dated: May 24, 1988

Principal Contributor: D. Wigginton