

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20655

LOUISIANA POWER AND LIGHT COMPANY

DOCKET NO. 50-382

WATERFORD STEAM ELECTRIC STATION, UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 52 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 December 23, 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.

8903310255 890323 PDR ADOCK 05000382 P PDC 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. 52, 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

Wie G. Calo

Dose 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: March 23, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 52

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	Insert
3/4 3-36	3/4 3-36
3/4 3-37	3/4 3-37

INSTRUMENTATION

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SEISMIC INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.3.3 The seismic monitoring instrumentation shown in Table 3.3-7 shall be OPERABLE.

APPLICABILITY: At all times.

ACTION:

- a. With one or more seismic monitoring instruments inoperable for more than 30 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the instrument(s) to OPERABLE status.
- b. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.3.3.1 Each of the above seismic monitoring instruments shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK, CHANNEL CALIBRATION and CHANNEL FUNCTIONAL TEST operations at the frequencies shown in Table 4.3-4.

4.3.3.3.2 Each of the above seismic monitoring instruments which is accessible during power operation and which is actuated during a seismic event (one or more basemat accelerations of 0.05 g or greater) shall be restored to OPERABLE status within 24 hours and a CHANNEL CALIBRATION performed within 5 days. Data shall be retrieved from the accessible actuated instruments and analyzed to determine the magnitude of the vibratory ground motion. A Special Report shall be prepared and submitted to the Commission pursuant to Specification 6.9.2 within 10 days describing the magnitude, frequency spectrum, and resultant effect upon facility features important to safety. Each of the above seismic monitoring instruments which is actuated during a seismic event (one or more basemat accelerations of 0.05 g or greater) but is not accessible during power operation shall be restored to OPERABLE status and a CHANNEL CALIBRATION performed the next time the plant enters MODE 3 or below. A supplemental report shall then be prepared and submitted to the Commission within 10 days pursuant to Specification 6.9.2 describing the additional data from these instruments.

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TABLE 3.3-7

SEISMIC MONITORING INSTRUMENTATION

INS	STRUM	ENTS AND SENSOR LOCATIONS	MEASUREMENT	MINIMUM INSTRUMENTS OPERABLE				
1.	Triaxial Time-History Accelerograph System							
	a.	Accelerometer (YT-SM 6000) Adjacent to RB -35 ft MSL	0.02-1.0 g	1				
	b.	Accelerometer (YT-SM 6001) RB +46 ft MSL	0.02-1.0 g	1				
	c.	Accelerometer (YT-SM 6002) Free Field Yard Area	0.02-1.0 g	1				
	d.	Starter Unit (YS-SM 6000) Adjacent to RB -35 ft MSL	0.01-0.02 a	1				
	e.	Starter Unit (YS-SM 6001) RB +51 ft MSL	0.01-0.02 g	1				
	f.	Recorder (YR-SM 6000) Control Room RAB +46 ft MSL	0.02-1.0 g	1				
	g.	Control Unit (YZ-SM 6000) Control Room RAB +46 ft MSL	0.02-1.0 g	1*				
	h.	Playback Unit (YR-SM 6001) Control Room RAB +46 ft MSL	0.02-1.0 g	1				
2.	Tri	Triaxial Peak Accelerographs						
	a.	YR-SM 6020 RB +56 ft MSL	0-2 a	1				
	b.	YR-SM 6021 RB 23 ft MSL	0-2 g	1				
	с.	YR-SM 6022 RAB +21 ft MSL	0-2 g	1				
3.	Tri	Triaxial Seismic Switches						
	a.	Seismic Swtich (YS-SM 6060) RB -35 ft MSL	0.1-0.25 g	1				
	b.	Control Unit (YZ-SM 6060) Control Room						
		RAB +46 ft MSL	0.1-0.25 g	1*				
4.	Tri	Triaxial Response-Spectrum Recorders						
	a.	YR-SM 6040 RB +10 ft MSL	1-32 Hz, 0-2 g	1				
	b.	YR-SM 6041 RAB -35 ft MSL	1-32 Hz, 0-2 g	1				
	с.	YR-SM 6042 RA3 +21 ft MSL	1-32 Hz, 0-2 g	1				
	d.	Peak Shock Annunciator (YR-SM 6045) RB ~35 ft MSL	1-32 Hz, 0-2 g	1				
	e.	Peak Shock Annunciator Control Unit (YZ-SM 6045) Control Room RAB +46 ft MSL	1-32 Hz, 0-2 g	1				
Wit	h rea	actor control room annunciation.						

TABLE 4.3-4 SEISMIC MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

INS	TRUM	ENTS AND SENSOR LOCATIONS	CHANNEL	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST			
1.	Tr Sy:	iaxial Time-History Accelerograph stem						
	a.	Accelerometer (YT-SM 6000) Adjacent to RB -35 ft MSL	N.A.	R	SA			
	b.	Accelerometer (YT-SM 6001) RB +46 ft MSL	N. A.	R	SA			
	с.	Accelerometer (YT-SM 6002) Free Field Yard Area	N.A.	R	SA			
	d.	Starter Unit (YS-SM 6000) Adjacent to RB -35 ft MSL	м	R	SA			
	e.	Starter Unit (YS-SM 6001) RB +51 ft MSL	м	R	SA			
	f.	Recorder (YR-SM 6000) Control Room RAB +46 ft MSL	м	R	SA			
	g.	Control Unit (YZ-SM 6000) Control Room RAB +46 ft MSL	м	R	SA*			
	h.	Playback Unit (YR-SM 6001) Control Room RAB +46 ft MSL	N. A.	R	SA			
2.	Tri	axial Peak Accelerographs						
	a.	YR-SM 6020 RB +56 ft MSL	N.A.	R	N.A.			
	b.	YR-SM 6021 RB 23 ft MSL	N.A.	R	N. A.			
	с.	YR-SM 6022 RAB +21 ft MSL	N.A.	R	N.A.			
3.	Tri	axial Seismic Switches						
	a.	Seismic Switch YS-SM 6060 RB -35 ft MSL	м	R	SA			
	b.	Control Unit YZ-SM 6060 Control Room RAB +46 ft MSL	м	R	SA*			
4.	Tri	Triaxial Response-Spectrum Recorders						
	a.	YR-SM 6040 RB +10 ft MSL	N.A.	R	N.A.			
	b.	YR-SM 6041 RAB -35 ft MSL	N.A.	R	N. A.			
	с.	YR-SM 6042 RAB +21 ft MSL	N.A.	R	N.A.			
	d.	Peak Shock Annunciator YR-SM 6045 RB -35 ft MSL	N.A.	R	N.A.			
	e.	Peak Shock Annunciator Control Unit YZ-SM 6045 Control Room RAB						
Wit	h rea	actor control room annunciation	N.A.	ĸ	SA			

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INSTRUMENTATION

METEOROLOGICAL INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.3.4 The meteorological monitoring instrumentation channels shown in Table 3.3-8 shall be OPERABLE.

APPLICABILITY: At all times.

ACTION:

- a. With one or more required meteorological monitoring channels inoperable for more than 7 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to OPERABLE status.
- b. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.3.4 Each of the above meteorological monitoring instrumentation channels shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK and CHANNEL CALIBRATION operations at the frequencies shown in Table 4.3-5.