



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

MISSISSIPPI POWER & LIGHT COMPANY  
SYSTEM ENERGY RESOURCES, INC.  
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION  
DOCKET NO. 50-416  
GRAND GULF NUCLEAR STATION, UNIT 1  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 48  
License No. NPF-29

1. The Nuclear Regulatory Commission (the Commission) has found that
  - A. The application for amendment by System Energy Resources, Inc., (the licensee), dated July 12, 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-29 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 48, are hereby incorporated into this license. System Energy Resources, Inc. 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

Original signed by L. L. Kintner for

Elinor G. Adensam, Director  
 Project Directorate II-1  
 Division of Reactor Projects I/II  
 Office of Nuclear Reactor Regulation

Attachment:  
 Changes to the Technical  
 Specifications

Date of Issuance: September 23, 1988

OFC	:LA:PD81:DRPR:PM:PD21:DRPR:BC:ECEB:DES	:D:DR:DRPR	:	:
NAME	:PA:Adensam	:L:Kintner:jw:CMcCracken	:E:Adensam	:
DATE	: 9/19/88	: 9/19/88	: 9/20/88	: 9/21/88 : 9/23/88

ATTACHMENT TO LICENSE AMENDMENT NO. 48

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

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 3-83

Insert

3/4 3-83

TABLE 3.3.7.9-1 (Continued)  
FIRE DETECTION INSTRUMENTATION

	ROOM	ELEV	ROOM NAME	MINIMUM INSTRUMENTS OPERABLE*		
				HEAT (X/Y)	FLAME <sup>(1)</sup> (X/Y)	SMOKE <sup>(1)</sup> (X/Y)
13.	Zone 1-16					13/0
	OC405	148'	U-2 Lower Cable			
			Spreading Room			
	OC412	148'	U-2 Electrical Space			
14.	Zone 1-18					31/0
	CC502	166'	U-2 Instr. Rack Area			
	OC503	166'	Control Room			
	OC504	166'	U-1 Instr. Rack Area			
	OC516	166'	Electrical Space			
	OC517	166'	Electrical Space			
15.	Zone 1-19					9/0
	OC507	166'	Aux. Instrument Shop			
	OC509	166'	Corridor			
	OC510	166'	Office			
	OC511	166'	Dining Area			
	OC512	166'	Kitchen			
	OC514	166'	Locker Room			
	OC515	166'	Corridor			
16.	Zone 1-20					1/0
	OC708A	189'	HVAC Chase			
17.	Zone 1-21					2/0
	OC518	166'	Electrical Chase			
	OC611	177'	Electrical Chase			
18.	Zone 1-22					16/0
	OC601	177'	Viewing Gallery			
	OC602	177'	Corridor No. 1			
	OC603	177'	Emergency Dormitory			
	OC604	177'	Computer Room			
	OC605	177'	Janitor's Closet			
	OC608	177'	Technical Support			
	OC608B	177'	HVAC Chase			
	OC613	177'	Corridor			
	OC614	177'	Corridor			
	OC616	177'	Storage Closet			
	OC617	177'	Electrical Chase			
	OC618	177'	Electrical Chase			
	OC619	177'	Electrical Chase			
	OC03	177'	Stair			