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

SYSTEM ENERGY RESOURCES, INC., et al.

DOCKET NO. 50-416

GRAND GULF NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 68
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 February 9, 1990, 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-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. 68, 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 and shall be implemented by June 1, 1991.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed By:

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: May 9, 1990

*SEE PREVIOUS CONCURRENCES

OFC	:LA:PD21:DRPR	:PM:PD21:DRPR	:*SPLB:DEST	:* OGC	:D:PD21:DRPR	:	: :
NAME	: PAnderson	: LKintner:sw	:CMcCracken	:LDewey	: EAdensam	:	: :
DATE	:5/9 /90	:5/9 /90	:5/12/90	:4/30/90	:5/9 /90	:	:

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ATTACHMENT TO LICENSE AMENDMENT NO. 68

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	Insert
3/4 3-81	3/4 3-81
3/4 3-86	3/4 3-86

TABLE 3.3.7.9-1
FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			MINIMUM INSTRUMENTS OPERABLE* HEAT (X/Y)	FLAME[1] (X/Y)	SMOKE[1] (X/Y)
a. CONTAINMENT BUILDING #					
1. Return Duct Mounted Detectors					3/0
ROOM	ELEV	ROOM NAME			
b. CONTROL BUILDING					
1. Zone 1-3					12/0
OC103	93'	H. P. Checkout			
OC109	93'	Decontamination Area			
OC115	93'	Corridor			
OC116	93'	Hot Machine Shop			
OC117	93'	Corridor			
OC128	93'	Hot Water Heater Rm.			
2. Zone 1-4					12/0
OC201	111'	Stairwell			
OC202	111'	Div. I Swgr. Rm.		0/13(CO_2)	
OC207	111'	Div. I Battery Rm.			

* (X/Y): X - is number of Function A (early warning fire detection and notification only) instruments.
Y - is number of Function B (actuation of fire suppression systems and early warning and notification) instruments.

\# The fire detection instruments located within the primary containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate Tests.

(1) Smoke and flame detectors provide only early warning capability with the exception of:

(a) Zone 1-27 detectors trip closed the door between the OC208/OC208A Remote Shutdown panel rooms.
(b) Containment building return duct mounted detectors trip the containment cooler fans.
(c) Zone 1-11 and 1-13 detectors initiate the control building purge fan system.
(d) Control Room HVAC Intake Plenum Detectors trip the control room A/C units unless a control room emergency filtration system isolation mode automatic actuation signal is present.

TABLE 3.3.7.9-1 (Continued)
FIRE DETECTION INSTRUMENTATION

	ROOM	ELEV	ROOM NAME	MINIMUM INSTRUMENTS OPERABLE* HEAT (X/Y)	FLAME[1] (X/Y)	SMOKE[1] (X/Y)
7.	Zone 2-8					27/0
	1A401	166'	Northeast Corridor			
	1A402	166'	Steam Tunnel Roof			
	1A403	166'	Southeast Corridor			
	1A404	166'	Unassigned Area			
	1A405	166'	Containment Vent. Equip. Room			
	1A406	166'	Containment Exhaust Filter Rm.			
	1A407	166'	MCC Area	0/2(CO_2)		
	1A410	166'	MCC Area	0/2(CO_2)		
	1A417	166'	North Corridor (Partial)			
	1A420	166'	South Corridor (Partial)			
	1A424	166'	Set Down Area (Partial)			
8.	Zone 2-9					12/0
	1A519	185'	Storage Area			
	1A519A	185'	Snubber Test Room			
	1A519B	185'	Snubber Test Control Room			
	1A524	195'	Platform			
	1A527	185'	Load Center Area			
	1A529	185'	FPC & CU Rm.			
	1A538	185'	Platform			
9.	Zone 2-13					31/0
	1A602	208'	Storage Area			
	1A603	208'	Passage			
	1A604	208'	Fuel Handling Area			
	1A606	245'	HVAC Equip. Area			
10.	Zone 2-14					17/0
	1A114	93'	Fan Coil Area (Partial)			
	1A115	93'	Piping Penetration Rm.			
	1A116	93'	Piping Penetration Rm.			
	1A117	93'	Misc. Equip. Area (Partial)			
	1A118	93'	RHR "C" Pump Room			
	1A119	93'	LPCS Pump Room			
	1A120	93'	CCW Pump & Heat Ex. Rm.			
	1A122	103'	South Corridor (Partial)			
	1A123	103'	North Corridor (Partial)			
11.	Zone 2-15					1/0
	1A539	185'	Cable Chase			