



OLIVER D. KINGSLEY, JR.  
Vice President  
Nuclear Operations

September 9, 1988

U. S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D. C. 20555

Attention: Document Control Desk

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29  
NRC Bulletin 88-05  
AECM-88/0168

This submittal provides the SYSTEM ENERGY RESOURCES, INC. (SERI) response to NRC Bulletin Number 88-05 and SUPPLEMENTS. As of August 3, 1988 SERI had completed the required record review and testing of accessible flanges and fittings supplied by Piping Suppliers, Inc. (PSI) and West Jersey Manufacturing (WJM) for Grand Gulf Nuclear Station (GGNS) Unit 1.

All components evaluated on Unit 1 were determined to be acceptable. Additionally, this review concluded that no WJM/PSI flanges and fittings were supplied to Grand Gulf Nuclear Station Unit 1 through Tyler Dawson. NRC Bulletin 88-05 dated May 6, 1988 listed Tyler Davison as purchaser of WJM/PSI material supplied to Grand Gulf Nuclear Station. This listing should have been Tyler Dawson. Table 1 summarizes the test results of WJM/PSI flanges and fittings for Unit 1.

In accordance with the NRC Bulletin the requested documentation of the specific actions taken for the identified materials will be available for NRC staff inspection and the results of tests of PSI and WJM supplied flanges and fittings have been supplied to NUM/RC and their subcontractors.

The 20"-150# flange (Heat 12306) installed in the Standby Service Water system (Unit 1) is unaccessible for testing. Testing of WJM/PSI flanges and fittings have been suspended by NRC Bulletin 88-05 Supplement 2. If the NRC testing requirements are reinstated, testing will be scheduled based on additional NRC requirements.

As discussed with the GGNS NRR Project Manager on August 31, 1988, since GGNS Unit 2 construction was stopped on September 18, 1985, the Unit 2 response to NRC Bulletin 88-05 will be provided after resumption of construction on Unit 2. GGNS has administrative controls in place to ensure that WJM/PSI supplied flanges and fittings on Unit 2 or in the Unit 2 warehouse are not used on Unit 1.

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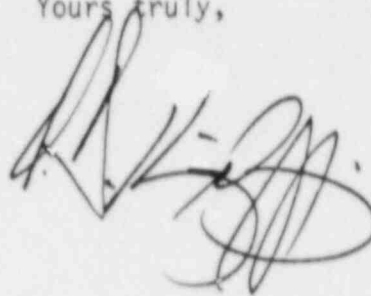
P. O. BOX 23070 | JACKSON, MISSISSIPPI 39225-3070 | (601) 984-9200  
A Middle South Utilities Company

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If additional information is needed, please call this office.

Yours truly,

A handwritten signature in black ink, appearing to be "R. B. McGehee", written over the words "Yours truly,".

ODK:mcg  
Attachment

cc: Mr. T. H. Cloninger (w/a)  
Mr. R. B. McGehee (w/a)  
Mr. N. S. Reynolds (w/a)  
Mr. H. L. Thomas (w/o)  
Mr. J. L. Mathis (w/a)

Dr. J. Nelson Grace, Regional Administrator (w/a)  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N. W., Suite 2900  
Atlanta, Georgia 30323

Mr. L. L. Kintner, Project Manager (w/a)  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Stop 14B20  
Washington, D.C. 20555

BEFORE THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION

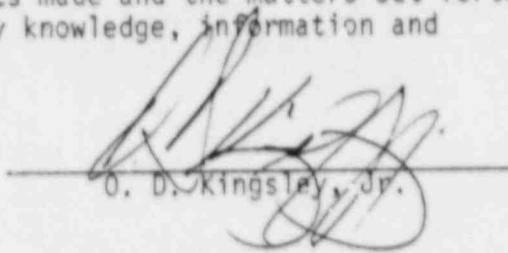
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LICENSE NO. NPF-29

\_\_\_\_\_  
DOCKET NO. 50-416

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IN THE MATTER OF  
MISSISSIPPI POWER & LIGHT COMPANY  
and  
SYSTEM ENERGY RESOURCES, INC.  
and  
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION

\_\_\_\_\_  
AFFIRMATION

I, O. D. Kingsley, Jr., being duly sworn, state that I am Vice President, Nuclear Operations of System Energy Resources, Inc.; that on behalf of System Energy Resources, Inc., and South Mississippi Electric Power Association I am authorized by System Energy Resources, Inc. to sign and file with the Nuclear Regulatory Commission, this response to NRC Bulletin 88-05; that I signed this response as Vice President, Nuclear Operations of System Energy Resources, Inc.; and that the statements made and the matters set forth therein are true and correct to the best of my knowledge, information and belief.

  
\_\_\_\_\_  
O. D. Kingsley, Jr.

STATE OF MISSISSIPPI  
COUNTY OF HINDS

SUBSCRIBED AND SWORN TO before me, a Notary Public, in and for the County and State above named, this 14 day of September, 1988.

(SEAL)

  
\_\_\_\_\_  
Notary Public

My commission expires:

My Commission Expires Sept. 21, 1991

TABLE I  
 Test Results NRCB 88-05  
 Grand Gulf Nuclear Station Unit 1  
 (Each Line Quantity 1)

HEAT NUMBER	SYS.** NO.	DESCRIPTION	SIZE	MAT. SPEC.	HARDNESS BRINNEL NO.	HARDNESS TEST ACCEPT*	MAGNET TEST ACCEPT*	CHAIN OF PURCHASE	COMMENTS
80508	E22	Q1E22F035 - Inlet flange on Lonergan safety relief valve	1" 1500#	SA-105	137	Yes	N/R	WJM to J.E. Lonergan Co. to Bechtel	Acceptable for continued use.
80508	E51	Q1E51F090 - Inlet flange on Lonergan safety relief valve	1" 1500#	SA-105	151	Yes	N/R	WJM to J.E. Lonergan Co. to Bechtel	Acceptable for continued use.
EJTM	E51	RCIC piping - Blind flange	6" 900#	SA-105	177	Yes	N/R	WJM to Guyon Alloys to Bechtel	Acceptable for continued use.
EJTM	-	Not Installed	6" 900#	SA-105	-	-	-	WJM to Guyon Alloys to Bechtel	Scrapped during const. Not available for installation
816K	C11	Scram Instrument-Blind flange at az. 270; Downstream of F092D	3" 600#	SA-105	173	Yes	N/R	WJM to Liberty Equipment to Bechtel	Acceptable for continued use.
816K	C11	Scram Instrument-Blind flange at az. 270; Downstream of F090C	3" 600#	SA-105	151	Yes	N/R	WJM to Liberty Equipment to Bechtel	Acceptable for continued use.
PAGC	-	Not Installed	1-1/2" 1500#	SA-186 F316L	-	-	-	PSI to Consolidated Power Supply to SERI	Destructively tested acceptable Partech Cert. 9232R
PAGC	C41	SLC piping - Piping to pump discharge flange	1-1/2" 1500#	SA-182 F316L	-	N/R	Yes	PSI to Consolidated Power Supply to SERI	Acceptable for continued use.
PAGC	C41	SLC piping - Piping to pump discharge flange	1-1/2" 1500#	SA-182 F316L	-	N/R	Yes	PSI to Consolidated Power Supply to SERI	Acceptable for continued use.
UQ	P75	Q1P75F026A-Inlet flange on Fuel Oil Return relief valve	1-1/2" 150#	SA-105	166	Yes	N/R	WJM to J.E. Lonergan Co. to Bechtel	Acceptable for continued use.

\*N/R = Not Required

\*\*See Table II

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 Test Results NRCB 88-05  
 Grand Gulf Nuclear Station Unit 1  
 (Each Line Quantity 1)

HEAT NUMBER	SYS.** NO.	DESCRIPTION	SIZE	MAT. SPEC.	HARDNESS BRINNEL NO.	HARDNESS TEST ACCEPT*	MAGNET TEST ACCEPT*	CHAIN OF PURCHASE	COMMENTS
UQ	P75	Q1P75F026B-Inlet flange on Fuel Oil Return relief valve	1-1/2" 150#	SA-105	185	Yes	N/R	WJM to J.E. Lonergan Co. to Bechtel	Acceptable for continued use.
03017	P75	Q1P75F026B-Inlet flange on Fuel Oil Return relief valve	2" 150#	SA-105	151	Yes	N/R	WJM to J.E. Lonergan Co. to Bechtel	Acceptable for continued use.
03017	P75	Q1P75F026B-Outlet flange on Lonergan safety relief valve	2" 150#	SA-105	150	Yes	N/R	WJM to J.E. Lonergan Co. to Bechtel	Acceptable for continued use.
12306	P41	SSW - Outlet discharge flange in Basin A (RBC-171, FW-544)	20" 150#	SA-105	-	-	-	WJM to Liberty Equipment Co. to Bechtel	Inaccessible. JCO written.

\*N/R = Not Required

\*\*See Table II

Table II  
System Descriptions

<u>System No.</u>	<u>Description</u>
C11	Control Rod Drive Hydraulic System
C41	Standby Liquid Control System (SLCS)
E22	High Pressure Core Spray System (HPCS)
E51	Reactor Core Isolation Cooling System (RCIC)
P41	Standby Service Water System
P75	Standby Diesel Generator System