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Joseph J. Hagan
Vice President
Operations
Grand Gulf Nuclear Station

October 29, 1996

U.S. Nuclear Regulatory Commission
Mail Station P1-37
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Grand Gulf Nuclear Station
Docket No. 50-416
License No. NPF-29
Required 30 Day Response To NRC Generic Letter
96-06

GNRO-96/00122

Gentlemen:

NRC Generic Letter 96-06 requires each addressee to submit a written response on or before October 30, 1996 indicating: (1) whether or not the requested actions will be completed, (2) whether or not the requested information will be submitted and (3) whether or not the requested information will be submitted within the requested time period.

The purpose of this letter is to inform you that Grand Gulf Nuclear Station will determine if containment air cooler cooling water systems are susceptible to either waterhammer or two-phase flow conditions during postulated accident conditions; and if piping systems that penetrate the containment are susceptible to thermal expansion of fluid so that overpressurization of piping could occur. If any systems are found to be susceptible to any of these conditions, Grand Gulf Nuclear Station will assess the operability of affected systems and take

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October 29, 1996

GNRO-96/ 00122

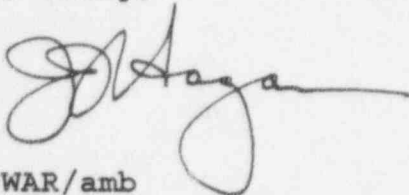
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corrective action as appropriate in accordance with the requirements stated in 10 CFR Part 50 Appendix B and as required by the plant Technical Specifications.

In addition, on or before January 28, 1997, Grand Gulf Nuclear Station will submit a written summary report stating actions taken in response to the requested actions, conclusions that were reached relative to susceptibility of waterhammer and two-phase flow in the containment air cooler cooling water system and overpressurization of piping that penetrates containment, the basis for continued operability of affected systems and components as applicable, and corrective actions that were implemented or are planned to be implemented. If systems are found to be susceptible to the conditions described in GL 96-06, Grand Gulf Nuclear Station will identify the affected systems and describe the specific circumstances involved.

Please feel free to contact Wayne Russell at (601) 437-2717 should you have any questions or require additional information.

Yours truly,

A handwritten signature in dark ink, appearing to read "J. H. Hagan", with a long horizontal flourish extending to the right.

JJH/WAR/amb

attachment: Affirmation

cc: (See Next Page)

October 29, 1996

GNRO-96/00122

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cc: Ms. S. C. Black (w/a) (NRC/NRR)
Mr. A. Heymer (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. J. E. Tedrow (w/a)
Mr. H. L. Thomas (w/o)
Mr. J. W. Yelverton (w/a)

Mr. L. J. Callan (w/a)
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U.S. Nuclear Regulatory Commission
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611 Ryan Plaza Drive, Suite 400
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Mr. T. B. Gwynn
Director, Division of Reactor Safety
U.S. Nuclear Regulatory Commission
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Mr. J. N. Donohew, Project Manager (w/2)
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U.S. Nuclear Regulatory Commission
Mail Stop 13H3
Washington, D.C. 20555

Mr. A. C. Thadani
Associate Director for Technical Assessment
Office of Nuclear Reactor Regulation
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Mail Stop 13H3
Washington, D.C. 20555

BEFORE THE

UNITED STATES NUCLEAR REGULATORY COMMISSION

LICENSE NO. NPF-29

DOCKET NO. 50-416

IN THE MATTER OF

MISSISSIPPI POWER & LIGHT COMPANY

and

SYSTEM ENERGY RESOURCES, INC.

and

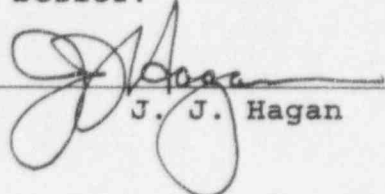
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION

and

ENTERGY OPERATIONS, INC.

AFFIRMATION

I, J. J. Hagan, being duly sworn, state that I am Vice President, Operations GGNS of Entergy Operations, Inc.; that on behalf of Entergy Operations, Inc., System Energy Resources, Inc., and South Mississippi Electric Power Association I am authorized by Entergy Operations, Inc. to sign and file with the Nuclear Regulatory Commission, this response to Generic Letter No. 96-06; that I signed this response as Vice President, Operations GGNS of Entergy Operations, 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.



J. J. Hagan

STATE OF MISSISSIPPI
COUNTY OF WARREN

SUBSCRIBED AND SWORN TO before me, a Notary Public, in and for the County and State above named, this 29th day of October, 1996.

(SEAL)

Gloria W. Brown

Notary Public

My commission expires:

MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 16, 1987
~~BONDED THRU STEGALL NOTARY SERVICE~~