ENTERGY

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C. R. Hutchinson
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Grand Gulf Nuclear Station

June 14, 1995

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
Final Response to Generic Letter
94-03

GNRO-95/00069

Gentlemen:

This submittal provides the Grand Gulf Nuclear Station (GGNS) final response to Generic Letter (GL) 94-03 "Intergranular Stress Corrosion Cracking of Core Shrouds in Boiling Water Reactors".

On August 19, 1994 (GNRO-94/00108), Entergy Operations submitted the initial required response to GL 94-03 Requested Licensee Actions 1 through 5 in accordance with the 30 day guidance established in Reporting Requirements 1.

On January 10, 1995 (GNRO-95/00004), Entergy Operations submitted a supplemental response which provided the core shroud inspection plan for GGNS as stipulated in GL 94-03 Requested Action 3 and Reporting Requirements 2.

Attachment 1 to this final response submittal provides the results of the core shroud inspection as stipulated in GL 94-03 Reporting Requirements 3. In summary, the inspection revealed no core shroud cracking in the areas examined.

A018

Should you have any questions or require additional information regarding this matter, please contact George Lee at 601-437-6214.

Yours truly,

for

CRH/GHL
attachments: 1. Affirmation per 10CFR50.30
2. Attachment 1, Final Response to Generic Letter GL 94-03

cc: Mr. J. Tedrow (w/a)
Mr. H. W. Keiser (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. H. L. Thomas (w/o)

Mr. Stewart D. Ebneter (w/a)
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Mr. P. W. O'Connor, Project Manager (w/2)
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
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, M. J. Meisner, state that I am Director Nuclear Safety & Regulatory Affairs, Entergy Operations, Inc.(Grand Gulf Nuclear Station); 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 final response to Generic Letter 94-03; that I signed this Generic Letter response as Director Nuclear Safety & Regulatory Affairs, of Entergy Operations, Inc.(Grand Gulf Nuclear Station); and that the statements made and the matters set forth therein are true and correct to the best of my knowledge, information and belief.

M. J. Meisner

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 14th day of June, 1995.

(SEAL)

Gloria Buehler
Notary Public

My commission expires:
MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 16, 1997
BONDED THRU STEGALL NOTARY SERVICE

GL 94-03 Reporting Requirement 3

Within 30 days from the completion of the inspection, provide the results of the inspection.

Response:

Examination of the GGNS shroud was performed by Westinghouse during RF07 with a final report submitted to GGNS on May 18, 1995. Entergy assumes that the 30 day submittal reference is based on the date of receipt of the final examination report.

As indicated in our previous responses, examination included welds H3, H4, H6A and H7. Welds H3 and H4 were to be examined using the BWRVIP L_{min} criteria and welds H6A and H7, because of limited accessibility, were to be examined for 100% of their acessible areas. The examination technique employed full volume evaluation with inside and outside diameter surface coverage utilizing ultrasonics. The obtained coverage for welds H3 and H4 exceeded L_{min} by more than 4 and 2 times, respectively. Welds H6A and H7 were examined for 100% of their accessible areas which equaled 59% and 32% of L_{min} respectively.

The results of GGNS shroud examinations have been evaluated to conclude the absence of cracking.