

GNRO-2009/00004

January 19, 2009

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Inservice Inspection Summary Report  
Grand Gulf Nuclear Station, Unit 1  
Docket No. 50-416  
License No. NPF-29

Dear Sir or Madam:

Attached is the Owner's Activity Report, OAR-1-00009 as required by Section XI of the ASME Code (Code). The report was prepared and submitted in accordance with the requirements of ASME Code Case N-532-4 as authorized by the NRC. The report contains an overall summary of Inservice Inspections performed during the Third Period of the Second Interval and the First Period of the Third Interval. The Third Period of the Second Interval started June 2004 and ended May 2008. The First Period of the Third Interval started June 2008. The report has been certified in accordance with Code requirements.

There are no new commitments contained in this submittal. If you have any questions or require additional information, please contact Ernest Rufus at (601) 437-6582.

Sincerely,



Christina L. Perino  
Licensing Manager

CLP/DMC  
Attachment: Summary Report OAR-1-00009  
cc: (See Next Page)

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cc: NRC Senior Resident Inspector  
Grand Gulf Nuclear Station  
Port Gibson, MS 39150

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Elmo E. Collins, Jr. (w/2)  
Regional Administrator, Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-4005

U.S. Nuclear Regulatory Commission  
ATTN: Mr. Carl F. Lyon, NRR/ADRO/DORL (w/2)  
**ATTN: ADDRESSEE ONLY**  
ATTN: U.S. Postal Delivery Address Only  
Mail Stop OWFN/8 B1  
Washington, D.C. 20555-0001

ATTACHMENT

REPORT NUMBER OAR-1-00009

INSERVICE INSPECTION SUMMARY REPORT

FOR

GRAND GULF NUCLEAR STATION UNIT 1

BALD HILL ROAD

PORT GIBSON, MS. 39150

COMMERCIAL OPERATION DATE: JULY 1, 1985

OWNER/OPERATOR

ENTERGY OPERATIONS, INC.

ECHELON ONE

P.O. BOX 31995

JACKSON, MS. 39286-1995

PREPARED BY

  
RESPONSIBLE ENGINEER

APPROVED BY

  
ANII INSPECTOR

APPROVED BY

  
SUPERVISOR, CODE PROGRAMS

DOCUMENT COMPLETION

1/19/09  
DATE

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number : OAR-1-00009

Owner Entergy Operations, Inc., Echelon One, P.O. Box 31995, Jackson Ms. 39286-1995  
Name and Address of Owner

Plant Grand Gulf Nuclear Station, Bald Hill Road, Port Gibson, Ms. 39150  
Name and Address of Owner

Unit No. 1 Commercial Service Date July 1, 1985 Refueling Outage No. 16  
(if applicable)

Current Inspection Interval 2nd

1st, 2nd, 3rd, 4th, other

Current Inspection Period 3rd  
1st, 2nd, 3rd

Edition and Addenda of Section XI applicable to the inspection plan 2001 Edition with 2003 Addenda

Date and revision of inspection plan May 22, 2000, Revision 13

Edition and Addenda of Section XI applicable to repairs and replacements different than the inspection plan  
1992 Edition for Repair and Replacement Activities performed before June, 1 2008

Code Cases Used N-532-1, N-532-4, N-416-2, 1541-3, 1588, 1614, N-241, N-516-3, N-513-1, 1606-1, 1516-1, N-240

OWNER'S CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Signed [Signature], Repair and Replacement Coordinator Date 12/15/08  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Mississippi and employed by HSBCT of Hartford, CT, have inspected the items described in this Owner's Report during the period October 19, 2005 to October 22, 2008, and state that to the best of my knowledge and belief, the Owner performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations, and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB7717, NB1A ; MS4676  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 1-19-09

TABLE 1  
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION  
FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
NONE	NONE	NONE

TABLE 2  
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED  
SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
NONE	NONE	NONE

NOTE: See 3rd Interval, 1st Period for Repair/Replacement Activities.

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number : OAR-1-00009

Owner Entergy Operations, Inc. , Echelon One, P.O. Box 31995, Jackson Ms. 39286-1995
Name and Address of Owner

Plant Grand Gulf Nuclear Station, Bald Hill Road, Port Gibson, Ms. 39150
Name and Address of Owner

Unit No. 1 Commercial Service Date July 1, 1985 Refueling Outage No. 16
(if applicable)

Current Inspection Interval 3rd
1st, 2nd, 3rd, 4th, other

Current Inspection Period 1st
1st, 2nd, 3rd

Edition and Addenda of Section XI applicable to the inspection plan 2001 Edition with 2003 Addenda

Date and revision of inspection plan May 22, 2000, Revision 13

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OWNER'S CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Signed [Signature] Repair and Replacement Coordinator Date 12/15/08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Mississippi and employed by HSBCT of Hartford, CT, have inspected the items described in this Owner's Report during the period April 13, 2007 to October 22, 2008, and state that to the best of my knowledge and belief, the Owner performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations, and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 7717, NBIA; MS 4676
Inspector's Signature National Board, State, Province, and Endorsements
Date 1-19-09

TABLE 1  
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FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
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TABLE 2

## ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	Pipe Hanger Note 1	Support was modified to allow for removal during nearby pump work	6/12/2008	133489
1	Main Steam Relief Valves Note 2	Replacement of inlet/outlet fasteners	10/8/2008	51515079
2	High Pressure Core Spray Piping Note 3	Replace Carbon Steel Piping with Stainless Steel due to wall thinning	9/19/2008	114396
3	Standby Service Water Piping	Weld buildup was applied to localized pits of SSW piping due to MIC	10/3/2008	161323
3	Standby Service Water Piping	Weld buildup was applied to localized pits of SSW piping due to MIC	10/3/2008	161325
3	Strut	Fabricate and Install Strut for Support QSP41G014C03	10/8/2008	161326
2	RCIC Governor Valve Note 4	Weld Sleeve to New Bonnet	6/24/2008	111973-09
2	RCIC Governor Valve Note 4	Install New Bonnet	6/24/2008	111973-10
2	Swing Check Valve Note 5	Replace Carbon Steel swing valve with Stainless Steel in line	10/14/2008	114834

Note 1:  
Q1E12G011H02

Note 2: 1B21F047A,  
1B21F051D, and  
1B21F047H

Note 3: Down stream of  
Office Q1E22-D001 to  
MOV Q1E22F012

Note 4: 1E51C002  
Note 5: 1P11F004