



Entergy Operations, Inc.
17265 River Road
Killona, LA 70066
Tel 504 739 6650

W3F1-2004-0010

February 17, 2004

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Submittal of Owners Activity Report Forms for Inservice
Inspection Performed During Refueling Outages 11 and 12

Dear Sir or Madam:

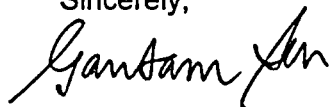
Attached is the subject report which covers the Owners Activity Report Forms, OAR-1, for Waterford 3 refueling outages (RFO) 11 and 12, enclosed as Attachments 1 and 2, respectively. This report is being submitted in accordance with ASME Code Case N-532-1, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000," which was adopted for use at Waterford 3 commencing at the end of RFO-12. Entergy elected to voluntarily update to Rev. 1 of Code Case N-532 following the adoption of the code case in Revision 13 to Regulatory Guide 1.147.

The OAR-1 forms are prepared and certified upon completion of each refueling outage. These OAR-1 forms provide a summary of the examinations performed during refueling outages in the second period of the second 10 year Inservice Inspection (ISI) interval.

A047

There are no new commitments contained in this submittal. Should you have any questions regarding this submittal, please contact Ron Williams at (504) 739-6255 or Bashar Abed at (504) 739-6591.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Sen", written over a horizontal line.

G. Sen
Licensing Manager
GS/RLW/cbh

Attachment 1	Waterford 3 Owners Activity Report Form for Inservice Inspection Performed During Refueling Outage 11
Attachment 2	Waterford 3 Owners Activity Report Form for Inservice Inspection Performed During Refueling Outage 12

cc: Mr. Bruce S. Mallett
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Senior Resident Inspector
Waterford Steam Electric Station Unit 3
P.O. Box 822
Killona, LA 70066-0751

U. S. Nuclear Regulatory Commission
Attn: Mr. N. Kalyanam
Mail Stop 0-7 D1
Washington, DC 20555-0001

Wise, Carter, Child & Caraway
ATTN: J. Smith
P.O. Box 651
Jackson, MS 39205

Winston & Strawn
ATTN: N.S. Reynolds
1400 L Street, NW
Washington, DC 20005-3502

Charles Fredieu
Office of the State Fire Marshall
5150 Florida BLVD.
Baton Rouge, LA 70806

ATTACHMENT 1
FORM OAR-1 OWNER'S ACTIVITY REPORT
FOR REFUELING OUTAGE 11

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: Cycle 11 / RF 11

Owner: Entergy Operations, Inc., 1340 Echelon Parkway,
Jackson, MS 39213
(Name and Address of Owner)

Plant: Waterford Steam Electric Station, 17265 River Road,
Killona, LA 70057
(Name and Address of Plant)

Unit No.: 3 Commercial service date: 09/24/85 Refueling outage: 11

Current inspection interval: 2nd
(1st, 2nd, 3rd, 4th, Other)

Current inspection period: 2nd
(1st, 2nd, 3rd)

Edition & Addenda of Section XI applicable to inspection plan: 1992 Edition with portions
of 1993 Addenda

Date and revision of inspection plan: 7/15/01, Revision 10.

Edition & Addenda of Section XI applicable to repairs & replacements, if different
than the inspection plan: N/A

CERTIFICATE OF COMPLIANCE

I certify that the statements in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures presented by this report conform to the requirements of Section XI.

Certificate of Authorization No.: N/A Expiration Date: N/A
(if applicable)

Signed: Bashar Abed *Bashar Abed*, Engineer Date: 9/17/2003
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by ABS Group Inc. of Houston, TX have inspected the items described in this Owner's Activity Report, during the period of November, 2000 to April, 2002 and states that to the best of my knowledge and belief, the Owner has 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 a loss of any kind arising from or connected with this inspection

Zalero Cordero
Inspector's Signature

Commissions: LA 1406, N, I, NS
National Board, State, Province, and
Endorsements

Date: 9/17/03

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) for The Period	Total Examinations Credited (%) to Date for The Interval	Remarks
B-A	26	0	0%	12%	None
B-B	8	0	0%	25%	None
B-D	34	2	25%	35%	None
B-F	5	2	100%	60%	None
B-G-1	264	54	100%	51%	None
B-G-2	12	4	100%	67%	None
B-J	190	38	64%	52%	None
B-K	4	1	100%	50%	None
B-L-1	0	0	0%	0%	None
B-L-2	0	0	0%	0%	None
B-M-1	1	0	0%	0%	None
B-M-2	1	0	0%	100%	None
B-N-1	1	0	0%	33%	Note 8
B-N-2	22	0	0%	0%	None
B-N-3	1	0	0%	0%	None
B-O	16	0	0%	0%	None
B-P	-	-	100%	-	Note 1
B-Q	-	-	-	-	Note 2
C-A	9	0	0%	33%	None
C-B	10	0	0%	30%	None
C-C	29	2	25%	34%	None
C-D	0	0	0%	0%	None
C-F-1	112	5	14%	32%	Note 7
C-F-2	30	4	36%	40%	Note 7
C-G	3	1	100%	67%	None
C-H	-	-	-	-	Note 6
D-A	25	4	50%	36%	None
D-B	-	-	-	-	Note 6
F-A	265	28	31%	40%	None
RG1.14	8	0	0%	0%	None
E-A	597	0	0%	33%	Note 3
E-C	0	0	0%	0%	Note 4
E-D	15	5	100%	67%	Note 5
E-G	27	9	100%	67%	None

Note1:

All required Pressure Tests are complete for Refuel/Cycle 11.

Note 2:

Inspections are performed in accordance with Tech Specs. 3/4.4.4 "RCS S/Gs" and NEI 97-06 "S/G Program Guidelines."

Note 3:

Per 10 CFR 50.55a (b)(2)(ix)(E), a general visual examination of 100% of the accessible area is required each period. The first period general visual examination was completed in RF10. The 2nd period general visual examinations are scheduled for RF12. No category EA examinations occurred in RF 11.

Note 4: There are currently no category EC examinations required at Waterford 3.

Note 5:

100% of moisture barrier examined each outage due to reliability issues – credit taken for allowables.

Note 6:

Pressure Tests were partially completed during Refuel/Cycle #11 and the remainder of the required tests for the period will be completed during Refuel/Cycle #12.

Note 7:

The numbers which represent the "Total Examinations Required for the Interval" for RF9 and RF10 OAR-1 (1st period) were higher than the numbers for this period due to inclusion of high energy lines (augmented). The augmented exams are not required to be reported in Table 1 of the OAR-1 form. Therefore, these exams are not included in this table and the numbers which represent the "Total Examinations Required for the Interval" as well as the "Total Examinations (%) Credited to Date for the Interval" have been adjusted accordingly.

Note 8:

This exam category is for the Reactor Vessel interior. It is required to be performed 100% once every period.

TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
There were no items with flaws or relevant conditions that required evaluation for continued service.				

TABLE 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES
REQUIRED FOR CONTINUED SERVICE

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/ Replacement Plan Number
1	Replacement	SG MSG0001-HTEXCH	Performed Steam Generator Tube plugging.	Yes	4/08/02	MAI 428000
1	Replacement	SG MSG0002-HTEXCH	Performed Steam Generator Tube plugging.	Yes	4/08/02	MAI 428002

IWE information required to be submitted with the ISI Summary Report:

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/ Replacement Plan Number
MC	Repair	Containment Moisture Barrier – Section MB 10. One area approximately 4 feet south of column 20, has an area of damage 12" long and another area 7 feet south of column 20 has an area of damage 6" long.	Removed damaged portions of moisture barrier and replaced with new sealant.	Yes Found under additional examinations required by previous engineering evaluation. 100% of the moisture barrier is examined each refueling outage per CR-W3-2000-1275	4/14/2002	MAI434823 Exempt from repair/replacement rules of IWA 4000 by IWA 4111

ATTACHMENT 2
FORM OAR-1 OWNER'S ACTIVITY REPORT
FOR REFUELING OUTAGE 12

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: _____ Cycle 12 / RF 12

Owner: Entergy Operations, Inc., 1340 Echelon Parkway,
Jackson, MS 39213
(Name and Address of Owner)

Plant: Waterford Steam Electric Station, 17265 River Road,
Killona, LA 70057
(Name and Address of Plant)

Unit No.: 3 Commercial service date: 09/24/85 Refueling outage: 12

Current inspection interval: 2nd
(1st, 2nd, 3rd, 4th, Other)

Current inspection period: 2nd
(1st, 2nd, 3rd)

Edition & Addenda of Section XI applicable to inspection plan: 1992 Edition with portions
of 1993 Addenda

Date and revision of inspection plan: 7/15/01, Revision 10.

Edition & Addenda of Section XI applicable to repairs & replacements, if different
than the inspection plan: N/A

CERTIFICATE OF COMPLIANCE

I certify that the statements in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures presented by this report conform to the requirements of Section XI.

Certificate of Authorization No.: N/A Expiration Date: N/A
(if applicable)

Signed: Bashar Abed Bashar Abed, Engineer Date: 2/11/04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by ABS Group Inc. of Houston, TX have inspected the items described in this Owner's Activity Report, during the period of April, 2002 to November, 2003 and states that to the best of my knowledge and belief, the Owner has 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 a loss of any kind arising from or connected with this inspection

Zafiro Cordero
Inspector's Signature

Commissions: LA 1406, N, I, NS
National Board, State, Province, and
Endorsements

Date: 2/11/04

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) for The Period	Total Examinations Credited (%) to Date for The Interval	Remarks
B-A	26	0	0%	12%	None
B-B	8	2	100%	50%	None
B-D	34	2	25%	35%	None
B-F	5	2	100%	60%	None
B-G-1	264	54	100%	51%	None
B-G-2	12	4	100%	67%	None
B-J	190	56	95%	62%	None
B-K	4	1	100%	50%	None
B-L-1	0	0	0%	0%	None
B-L-2	0	0	0%	0%	None
B-M-1	1	0	0%	0%	None
B-M-2	1	0	0%	100%	None
B-N-1	1	1	100%	67%	Note 8
B-N-2	22	0	0%	0%	None
B-N-3	1	0	0%	0%	None
B-O	16	0	0%	0%	Note 7
B-P	-	-	100%	-	Note 1
B-Q	-	-	-	-	Note 2
C-A	9	1	33%	44%	None
C-B	10	5	83%	80%	None
C-C	29	10	125%	62%	Note 9
C-D	0	0	0%	0%	None
C-F-1	112	37	103%	61%	Note 9
C-F-2	30	12	109%	67%	Note 9
C-G	3	1	100%	67%	None
C-H	-	-	100%	-	Note 6
D-A	25	11	138%	64%	Note 9
D-B	-	-	100%	-	Note 6
F-A	265	86	97%	62%	None
RG1.14	4	0	0%	0%	None
E-A	597	199	100%	67%	Note 3
E-C	0	0	0%	0%	Note 4
E-D	15	5	100%	67%	Note 5
E-G	27	9	100%	67%	None

Note1:

All required Pressure Tests are complete for Refuel/Cycle12.

Note 2:

Inspections are performed in accordance with Tech Specs. 3/4.4.4 "RCS S/Gs" and NEI 97-06 "S/G Program Guidelines."

Note 3:

Per 10 CFR 50.55a (b)(2)(ix)(E), A general visual examination is required per period. This exam covers all accessible pressure retaining surfaces. A general visual examination was completed for all accessible surfaces in this period.

Note 4:

There are currently no category EC examinations required at Waterford 3.

Note 5:

100% of Moisture Barriers examined due to detected flaws. 67% are credited for the 2nd period requirements.

Note 6:

All required Pressure Tests are complete for the period.

Note 7:

Examinations were deferred to the third period of the second interval (next period).

Note 8:

This exam category is for the Reactor Vessel interior. It is required to be performed 100% once every period.

Note 9:

The number of exams exceeded the required exams as permitted per Code Case N-598.

TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
There were no items with flaws or relevant conditions that required evaluation for continued service.				

TABLE 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES
REQUIRED FOR CONTINUED SERVICE

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/ Replacement Plan Number
1	Replacement	SG MSG0001-HTEXCH	Performed Steam Generator Tube plugging.	Yes	11/14/03	WO 19666
1	Replacement	SG MSG0002-HTEXCH	Performed Steam Generator Tube plugging.	Yes	11/14/03	WO 19667
1	Replacement	RC MPRZ0001 VESSEL	-Installed MNSA Clamp on C1 and C3 Pressurizer Heater Sleeves. -Performed Flaw (Fracture Mechanics) Evaluation on abandoned Welds in accordance with IWB-3600.	Yes	11/14/03	WO 31725
1	Replacement	RC IDPT9126 SMB IXMITR	Performed Hot Leg Nozzle #15 replacement.	Yes	11/10/03	WO 12789 (MAI 416424)
1	Repair	RC MRCT0001 VESSEL	Removed Weld Indications on Reactor Head Nozzle Welds.	Yes	11/19/03	WO 32134

IWE information required to be submitted with the ISI Summary Report:

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Complete	Repair/ Replacement Plan Number
MC	Repair	<p>Containment Moisture Barrier – Sections MB 3, 4, 6, 7, 8, 9, 10, 11</p> <p>Moisture barrier sections MB 3, MB 4 and MB 5 had one small tear each. Moisture barrier sections MB 6, MB 8, MB 9, MB 10, and MB 11 had two small tears each as reported on NDEN 2003-249</p>	Removed damaged portions of moisture barrier and replaced with new sealant.	<p>Yes</p> <p>Found under additional examinations required by previous engineering evaluation.</p> <p>100% of the moisture barrier is examined each refueling outage per CR-W3-2000-1275</p>	11/07/03	<p>WO#27307 (CR-W3-2003-03083)</p> <p>Exempt from repair/replacement rules of IWA 4000 by IWA 4111</p>