



**Entergy Nuclear South**  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057-3093  
Tel 504 739 6685  
Fax 504 739 6698  
wsteelm@entergy.com

**William J. Steelman**  
Licensing Manager  
Waterford 3

W3F1-2011-0068

August 10, 2011

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

Subject: Submittal of Owner's Activity Report Form for Inservice  
Inspection Performed During Operating Cycle 17 / Refuel 17  
Waterford Steam Electric Station, Unit 3  
Docket No. 50-382  
License No. NPF-38

Dear Sir or Madam:

Attached is the subject report which covers the Owner's Activity Report Form, OAR-1, for Waterford 3 Operating Cycle 17 / Refuel 17, enclosed as Attachment 1. This report is being submitted in accordance with ASME Code Case N-532-4, "Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission," which was adopted for use at Waterford 3 commencing with the new Ten-Year Inservice Inspection (ISI) interval on June 1, 2008.

The OAR-1 form is prepared and certified upon completion of each refueling outage and submitted within 90 calendar days of the completion of the refueling outage. This OAR-1 form provides: (1) a listing of items with flaws or relevant conditions that exceeded the acceptance criteria of Division 1 and that required evaluation to determine acceptability for continued service and (2) an abstract for repair/replacement activities that were required due to an item containing a flaw or relevant condition that exceeded Division 1 acceptance criteria. A copy of this letter and the attached report is also being submitted to the office of the Louisiana State Fire Marshall.

There are no new commitments contained in this submittal.

Please contact William J Steelman, Manager, Licensing at (504) 739-6685 should you have any questions regarding this submittal.

Sincerely,

A handwritten signature in cursive script that reads "William Steelman".

WJS/RJP/ssf

Attachment: 1. Owner's Activity Report for Inservice Inspection Performed During  
Operating Cycle 17 / Refuel 17

AD47  
NRK

cc: Mr. Elmo E. Collins, Jr.  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
612 E. Lamar Blvd., Suite 400  
Arlington, TX 76011-4125

RidsRgn4MailCenter@nrc.gov

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

Marlone.Davis@nrc.gov  
Dean.Overland@nrc.gov

U. S. Nuclear Regulatory Commission  
Attn: Mr. N. Kalyanam  
Mail Stop O-07D1  
Washington, DC 20555-0001

Kaly.Kalyanam@nrc.gov

Mr. H. "Butch" Browning, Jr.  
Office of the State Fire Marshall  
8181 Independence Blvd.  
Baton Rouge, LA 70806

**ATTACHMENT 1**

**To**

**W3F1-2011-0068**

**Owner's Activity Report for Inservice Inspection  
Performed During Operating Cycle 17 / Refuel 17**

# CASES OF ASME BOILER AND PRESSURE VESSEL CODE

## FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number Cycle 17 / Refuel 17

Plant Waterford Steam Electric Station, 17265 River Road, Killona, La. 70057

Unit No. 3 Commercial service date 09/24/1985 Refueling outage no. 17  
(If applicable)

Current inspection interval 3rd  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, other)

Current inspection period 1st  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>)

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition, Through 2003 Addenda

Date and revision of inspection plans 6/22/2011 Revision 5 of CEP-ISI-104

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same as above.

Code Cases used: N-532-4, N-474-1  
(If applicable)

### CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of Refuel 17 conform to the requirements of Section XI.  
(refueling outage number)

Signed R. Suter Date 8-10-11  
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 Louisiana and employed by HSB CT of Hartford, CT have inspected the items described in this Owner's Activity Report and state 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 repair/replacement activities and evaluation 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.

Wad AM Commissions LA 1184 (A, N, I) 1011372  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8-10-11

## CASES OF ASME BOILER AND PRESSURE VESSEL CODE

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

<b>Examination Category and Item Number</b>	<b>Item Description</b>	<b>Evaluation Description</b>
C-B C2.21	Nozzle-to-Top Head Dome Weld for SG#2 (ISI component 04-030) was not completed in the Second ISI Program Interval as required by ASME Section XI	Reference CR-WF3-2011-1748, and CR-WF3-2010-00352
C-H C7.10	Piping contained within the L-Wall pipe chase is identified as being inaccessible per the ASME Section XI Pressure Testing program at Waterford 3 and is therefore exempt from pressure testing. This was done through Revision 15 to NOECP-253 that incorporated a definition which clarified that removal of a portion of wall was a modification of a plant component and therefore inaccessible and exempt per the ASME Section XI Code. The ANII has challenged this position based on previous inspection by removal of concrete and lead blocks (a portion of the L-wall) to gain access to this normally enclosed area. If removal of the wall is better characterized as a hardship rather than inaccessible, then the ASME Section XI relief request process would need to be used. Drawings G763 and G765 Sheet 2 depict the portion of the L-wall that is constructed of blocks and has been removed.	Reference CR-WF3-2011-5599

## CASES OF ASME BOILER AND PRESSURE VESSEL CODE

### TABLE 2

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

[illegible]