



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

March 5, 2012

Donna Jacobs, Vice President, Operations
Entergy Operations, Inc.
Waterford Steam Electric Station, Unit 3
17265 River Road
Killona, LA 70057-0751

SUBJECT: ANNUAL ASSESSMENT LETTER FOR WATERFORD STEAM ELECTRIC
STATION – UNIT 3 (REPORT 05000382/2012001)

Dear Ms. Jacobs:

On February 16, 2012, the NRC completed its end-of-cycle performance review of Waterford Steam Electric Station, Unit 3. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined the performance at Waterford Steam Electric Station, Unit 3, during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one White finding in the Occupational Radiation Safety cornerstone. The White finding involved the failure to use effective engineering controls as part of pre-job planning to reduce contamination and subsequent exposure associated with leaking reactor coolant pump vapor seals. The NRC's determination of the final significance of this finding (FIN 05000382/2011009-01, "Failure to use effective engineering controls as part of pre-job planning to reduce contamination and subsequent exposure") as White was communicated to the Waterford Steam Electric Station, Unit 3, on November 17, 2011. On December 21, 2011, a follow-up assessment letter was issued as a result of the NRC's determination that the performance at Waterford Steam Electric Station, Unit 3, had moved to the Regulatory Response Column of the ROP Action Matrix beginning on July 1, 2011.

As a result of the Regulatory Response performance, a supplemental inspection will be performed in accordance with Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area." This inspection procedure is being implemented to provide assurance that the root causes and contributing causes of this risk significant performance deficiency are understood, the extent of condition and the extent of cause are identified, and the corrective actions are sufficient to address the root and contributing causes and prevent recurrence. The NRC will conduct this inspection following written notification from you that your facility is ready for our review of this finding.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

From January 1 to December 31, 2011, the NRC issued three Severity Level IV traditional enforcement violations associated with impeding the regulatory process. Therefore, the NRC plans to conduct Inspection Procedure 92723, "Follow-Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period," to follow-up on these violations. The NRC will conduct this inspection following written notification from you that your facility is ready for our review of these issues.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Mr. Don Allen, Chief, Project Branch E, at (817) 200-1574 with any questions you have regarding this letter.

Sincerely,

/RA/

Kriss M. Kennedy, Director
Division of Reactor Projects

Docket No. 05000382
License No. NPF-38

Enclosure: Waterford Steam Electric Inspection/Activity Plan

cc: w/enclosure via Electronic Distribution

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SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	RVA
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	RVA
SPE:DRP/E	C:DRP/E	D:DRS	D:DRP	C:DRP/E	
RAzua	DAllen	AVegel	KKennedy	DAllen	
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02/23/12	02/28/12	02/29/12	02/29/12	02/29/12	

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Waterford

Inspection / Activity Plan

04/01/2012 - 06/30/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
3	01/01/2012 12/31/2012	92702 IP 92702	- FOLLOWUP TO CONFIRMATORY ORDER (QA/QC) Followup On Corrective Actions For Violations And Deviations	1
3	01/01/2012 12/31/2012	SG-RPVH IP 2515/172	- STEAM GENERATORS AND RPVH REPLACEMENT Reactor Coolant System Dissimilar Metal Butt Welds	14
3	01/01/2012 12/31/2012	IP 711108P	Inservice Inspection Activities - PWR	
3	01/01/2012 12/31/2012	IP 7111113	Maintenance Risk Assessments and Emergent Work Control	
3	01/01/2012 12/31/2012	IP 7111118	Plant Modifications	
3	01/01/2012 12/31/2012	IP 7111120	Refueling and Other Outage Activities	
3	01/01/2012 12/31/2012	IP 7111122	Surveillance Testing	
3	01/01/2012 12/31/2012	IP 7112101	Access Control to Radiologically Significant Areas	
3	01/01/2012 12/31/2012	IP 7112102	ALARA Planning and Controls	
3	01/01/2012 12/31/2012	IP 7112202	Radioactive Material Processing and Transportation	
3	01/01/2012 12/31/2012	IP 71124.02	Occupational ALARA Planning and Controls	
3	09/03/2012 09/07/2012	EXAM X02493	- INITIAL OPERATOR EXAM INITIAL EXAM WATERFORD 3 (01/01/2012)	5
3	10/01/2012 10/12/2012	X02493	INITIAL EXAM WATERFORD 3 (01/01/2012)	
3	07/09/2012 07/13/2012	EP-1 IP 7111402	- BIENNIAL EP PROGRAM INSPECTION Alert and Notification System Testing	1
3	07/09/2012 07/13/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3	07/09/2012 07/13/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	07/09/2012 07/13/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
3	07/09/2012 07/13/2012	IP 71151-EP01	Drill/Exercise Performance	
3	07/09/2012 07/13/2012	IP 71151-EP02	ERO Drill Participation	
3	07/09/2012 07/13/2012	IP 71151-EP03	Alert & Notification System	
3	06/04/2012 06/08/2012	RS24 IP 2515/185	- RADIATION SAFETY Follow-up on the Industry's Ground Water Protection Initiative	2
3	06/04/2012 06/08/2012	IP 71124.02	Occupational ALARA Planning and Controls	
3	06/04/2012 06/08/2012	IP 71124.04	Occupational Dose Assessment	
3	07/15/2012 07/19/2012	TSB-52B IP 71152B	- BIENNIAL PI&R INSPECTION Problem Identification and Resolution	4
3	07/31/2012 08/04/2012	IP 71152B	Problem Identification and Resolution	
3	10/22/2012 11/04/2012	PSB2-08P IP 711108P	- INSERVICE INSPECTION Inservice Inspection Activities - PWR	3

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Waterford

Inspection / Activity Plan

04/01/2012 - 06/30/2013

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			RS13	- RADIATION SAFETY	2
3	10/29/2012	11/02/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	10/29/2012	11/02/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3	10/29/2012	11/02/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	10/29/2012	11/02/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			EB1-17T	- TRIENNIAL PERM PLANT MODS & 50.59	3
3	01/28/2013	02/08/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	