



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 E. LAMAR BLVD.
ARLINGTON, TX 76011-4511

March 4, 2014

Mr. Michael R. Chisum
Site Vice President
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-0751

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR WATERFORD STEAM ELECTRIC
STATION (REPORT 05000382/2013001)**

Dear Mr. Chisum:

On February 13, 2014, the NRC completed its end-of-cycle performance review of the 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, 2013, through December 31, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Waterford Steam Electric Station, Unit 3, operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at the Waterford Steam Electric Station, Unit 3, during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

Although plant performance was within the Licensee Response Column, the NRC has not yet finalized the significance of apparent violation 05000382/2013008-01, "Failure to Establish an Adequate Test Program to Demonstrate that the Train B Emergency Diesel Generator Exhaust Fan Would Perform Satisfactorily In Service." The final safety significance determination may affect the NRC's assessment of plant performance and the enclosed inspection plan.

The NRC identified a cross-cutting theme in the human performance – resource component. Specifically, during the assessment period four findings were assigned the cross-cutting aspect of H.2(c) in that your staff did not maintain complete, accurate and up-to-date design documentation, procedures, and work packages, and correct labeling of components as necessary. The NRC determined that a substantive cross-cutting issue associated with H.2(c) does not exist because the NRC does not have a concern with your staff's scope of effort and progress in addressing the cross-cutting theme. The NRC's conclusion is based on the fact that once identified, you placed this issue into your corrective action program and developed comprehensive corrective actions to prevent recurrence. This theme was identified near the end of December and the corrective actions have not been fully implemented. The NRC will

continue to monitor your staff's effort and progress in addressing the theme until the theme criteria are no longer met.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

From January 1 to December 31, 2013, the NRC issued four 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. On February 24, 2014, we received a letter from you indicating that Waterford 3 is prepared for the NRC to conduct a review of these traditional enforcement violations. We will work with your staff to arrange this inspection activity.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised effective January 1, 2014. New cross-cutting aspects will be coded in accordance with the latest revision to NRC Inspection Manual Chapter (IMC) 0310, dated December 19, 2013. Cross-cutting aspects identified in the last six months of 2013 using the previous terminology will be converted to the revised language in accordance with the cross-reference in IMC 0310. The revised cross-cutting aspects will be evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305 starting with the calendar year 2014 mid-cycle assessment.

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 me at 817-200-1574 with any questions you have regarding this letter.

Sincerely,

/RA/

Gregory E. Werner, Acting Branch Chief
Project Branch E
Division of Reactor Projects

Docket No.: 50-382
License No: NPF-38

Enclosure:
Inspection Plan

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ADAMS: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> SUNSI Review Complete	Reviewer Initials: GEW
	<input checked="" type="checkbox"/> Publicly Available	<input checked="" type="checkbox"/> Non-Sensitive GEW
	<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive
AC:DRP/PBE	AD:DRS	D:DRP
G. Werner	J. Clark	K. Kennedy
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02/25/2014	02/28/2014	02/28/2014

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Waterford
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EXAM - INITIAL OPERATOR EXAM		5
3	04/07/2014	04/16/2014	X02523	INITIAL EXAM- W3 (3/2014)	
			RS 13 PI - RADIATION SAFETY		2
3	04/21/2014	04/25/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	04/21/2014	04/25/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3	04/21/2014	04/25/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	04/21/2014	04/25/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			71111.08 - WATERFORD R191 INSERVICE INSPECTION		1
3	04/12/2014	05/02/2014	IP 7111108P	Inservice Inspection Activities- PWR	
			TSB 528 - BIENNIAL PI&R		4
3	05/19/2014	05/23/2014	IP 71152B	Problem Identification and Resolution	
3	06/02/2014	06/06/2014	IP 71152B	Problem Identification and Resolution	
			EB1-21T - COMPONENT DESIGN BASIS INSPECTION		9
3	10/06/2014	10/10/2014	IP 7111121	Component Design Bases Inspection	
3	10/20/2014	10/24/2014	IP 7111121	Component Design Bases Inspection	
3	11/03/2014	11/07/2014	IP 7111121	Component Design Bases Inspection	
			EP-1 - EP PERFORMANCE INDICATORS		
3	11/17/2014	11/21/2014	IP 71151-EP01	Drill/Exercise Performance	
3	11/17/2014	11/21/2014	IP 71151-EP02	ERO Drill Participation	
3	11/17/2014	11/21/2014	IP 71151-EP03	Alert & Notification System	
			EP-2 - BIENNIAL EP INSPECTION		1
3	11/17/2014	11/21/2014	IP 7111402	Alert and Notification System Testing	
3	11/17/2014	11/21/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3	11/17/2014	11/21/2014	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	11/17/2014	11/21/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			RS24 - RADIATION SAFETY		2
3	11/17/2014	11/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
3	11/17/2014	11/21/2014	IP 71124.04	Occupational Dose Assessment	
			EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION		4
3	01/26/2015	01/30/2015	IP 7111105T	Fire Protection [Triennial]	
3	02/09/2015	02/13/2015	IP 7111105T	Fire Protection [Triennial]	
			RS 5678 - RADIATION SAFETY- TEAM		4
3	01/12/2015	01/16/2015	IP 71124.05	Radiation Monitoring Instrumentation	

This report does not include INPO and OUI: A.GE activities.
This report shows only on-site and announced inspection procedures.

Enclosure

Waterford
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Start	Dates End	Action Activity	Title	No. of Staff on Site
			RS 5678	- RADIATION SAFETY- TEAM	4
3	01/12/2015	01/16/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3	01/12/2015	01/16/2015	IP 71124.07	Radiological Environmental Monitoring Program	
3	01/12/2015	01/16/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			EP-2	- HAB EXERCISE INSPECTION	5
3	06/22/2015	06/26/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	06/22/2015	06/26/2015	IP 7111407	Exercise Evaluation- Hostile Action (HA) Event	
			EP-3	- EP PERFORMANCE INDICATORS	2
3	06/22/2015	06/26/2015	IP 71151-EP01	Drill Exercise Performance	
3	06/22/2015	06/26/2015	IP 71151-EP02	ERO Drill Participation	
3	06/22/2015	06/26/2015	IP 71151-EP03	Alert & Notification System	
			INSP	- OPERATOR REQUAL INSPECTION	3
3	06/22/2015	06/26/2015	IP 71111118	Licensed Operator Requalification Program	

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

Enclosure