



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

March 4, 2013

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 05000382/2012801)

Dear Ms. Jacobs:

On February 13, 2013, 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, 2012 through December 31, 2012. 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 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.

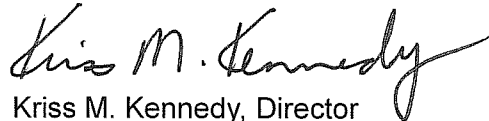
The performance at Waterford Steam Electric Station, Unit 3, during the first and second quarter of 2012 was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one White inspection finding in the Occupational Radiation Safety cornerstone. The NRC reviewed your staff's performance in addressing the White finding and concluded that the corrective actions taken were appropriate. The NRC considers this finding closed. Therefore, in accordance with the guidance in Inspection Manual Chapter (IMC) 0305, "Operating Reactor Assessment Program," the White finding was only considered in assessing plant performance for a total of four quarters. As a result, performance at Waterford Steam Electric Station, Unit 3, returned to the Licensee Response Column of the ROP Action Matrix on July 1, 2012. This decision was documented in an Assessment Follow-up letter dated August 1, 2012 (ML12214A280).

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. 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.

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

Sincerely,

A handwritten signature in black ink, reading "Kriss M. Kennedy". The signature is fluid and cursive, with the first name "Kriss" and last name "Kennedy" clearly legible.

Kriss M. Kennedy, Director
Division of Reactor Projects

Docket No. 05000382
License No. NPF-38

Enclosure:
Waterford Steam Electric Station, Unit 3, Inspection/Activity Plan

Waterford

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		TI-182 - DEGRADATION OF UNDERGROUND PIPING		1
3	01/01/2013 06/30/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		TI-187 - FLOODING WALKDOWN		1
3	01/01/2013 06/30/2013	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
		EB1-17T - TRIENNIAL PERM PLANT MODS & 50.59		3
3	04/08/2013 04/19/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		INSP - LICENSED OPERATOR REQUAL INSP		3
3	07/22/2013 07/26/2013	IP 7111111B	Licensed Operator Requalification Program	
		PSB2-RP - RADIATION SAFETY		2
3	09/16/2013 09/20/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	09/16/2013 09/20/2013	IP 71124.02	Occupational ALARA Planning and Controls	
3	09/16/2013 09/20/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	09/16/2013 09/20/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		PSB2-RP - RADIATION SAFETY		4
3	09/16/2013 09/20/2013	IP 71124.05	Radiation Monitoring Instrumentation	
3	09/16/2013 09/20/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3	09/16/2013 09/20/2013	IP 71124.07	Radiological Environmental Monitoring Program	
3	09/16/2013 09/20/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		EP-3 - EP PERFORMANCE INDICATORS		1
3	12/02/2013 12/06/2013	IP 71151-EP01	Drill/Exercise Performance	
3	12/02/2013 12/06/2013	IP 71151-EP02	ERO Drill Participation	
3	12/02/2013 12/06/2013	IP 71151-EP03	Alert & Notification System	
		EP1 - BIENNIAL EXERCISE INSPECTION		4
3	12/02/2013 12/06/2013	IP 7111401	Exercise Evaluation	
		EB1-07T - TRIENNIAL HEAT SINK INSPECTION		1
3	02/10/2014 02/14/2014	IP 7111107T	Heat Sink Performance	
		RS13 - 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	
		TSB 52B - 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	

This report does not include INPO and OUTAGE activities.

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