



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

September 3, 2013

Mr. Eric W. Olson, Site Vice President  
Entergy Operations, Inc.  
River Bend Station  
5485 US Highway 61  
St. Francisville, LA 70775

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR RIVER BEND STATION  
(REPORT 05000458/2013006)

Dear Mr. Olson:

On August 14, 2013, the NRC completed its mid-cycle performance review of River Bend Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2012 through June 30, 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 the performance at River Bend Station 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.

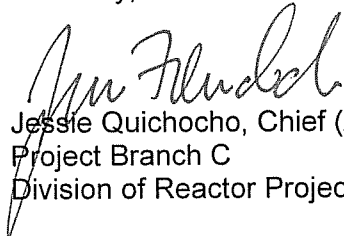
In our assessment letter dated March 5, 2012 (ML 120610414), the NRC identified a cross-cutting theme in the Safety Conscious Work Environment component of Environment for Raising Concerns. This theme resulted from the issuance of a Confirmatory Order dated August 22, 2011, that involved discrimination. The cross-cutting aspect was related to behavior and actions that encourage free flow of information related to raising nuclear safety issues such that personnel raise nuclear safety issues without fear of retaliation [S.1(a)]. At that time, the NRC determined that a substantive cross-cutting issue did not exist because the NRC did not have concerns with the actions you committed to take to address the theme. At the end of this assessment period, an inspection of your actions related to the Confirmatory Order was in progress and had not been completed. Therefore, the cross-cutting theme in S.1(a) will remain open until the NRC verifies by inspection that you have fully implemented the actions described in the Confirmatory Order.

The enclosed inspection plan lists the inspections scheduled through December 31, 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 end-of-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 me at (817) 200-1144 with any questions you have regarding this letter.

Sincerely,

  
Jessie Quichocho, Chief (Acting)  
Project Branch C  
Division of Reactor Projects

Docket No.: 50-458  
License No.: NPF-47

Enclosure: River Bend Station Inspection / Activity Plan

River Bend  
Inspection / Activity Plan  
09/01/2013 - 12/31/2014

No. of Staff  
on Site

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
1	02/24/2014	02/28/2014	<b>EXAM</b> X02528	<b>- INITIAL OPERATOR EXAM</b> INITIAL EXAM- RIVER BEND (8/1/14)	3
1	03/24/2014	03/28/2014	X02528	INITIAL EXAM- RIVER BEND (8/1/14)	3
1	11/03/2014	11/07/2014	<b>EXAM</b> X02534	<b>- INITIAL OPERATOR EXAM</b> INITIAL EXAM- RIVER BEND (4/1/15)	3
1	12/08/2014	12/12/2014	X02534	INITIAL EXAM- RIVER BEND (4/1/15)	4
1	11/18/2013	11/22/2013	<b>PSB2-RP</b> IP 71124.05	<b>- RADIATION SAFETY</b> Radiation Monitoring Instrumentation	
1	11/18/2013	11/22/2013	IP 71124.06	Radiation Monitoring Instrumentation	
1	11/18/2013	11/22/2013	IP 71124.07	Radioactive Gaseous and Liquid Effluent Treatment	
1	11/18/2013	11/22/2013	IP 71124.08	Radiological Environmental Monitoring Program	
1	01/13/2014	01/17/2014	<b>RS24</b> IP 71124.02	<b>- RADIATION SAFETY</b> Occupational ALARA Planning and Controls	2
1	01/13/2014	01/17/2014	IP 71124.04	Occupational Dose Assessment	2
1	04/14/2014	05/16/2014	<b>EP-2</b> IP 7111408	<b>- EXERCISE SCENARIO REVIEW</b> Exercise Evaluation - Scenario Review	1
1	06/16/2014	06/20/2014	<b>EP-1</b> IP 71151-EP01	<b>- EP PERFORMANCE INDICATORS</b> Drill/Exercise Performance	5
1	06/16/2014	06/20/2014	IP 71151-EP02	ERO Drill Participation	5
1	06/16/2014	06/20/2014	IP 71151-EP03	Alert & Notification System	5
1	06/16/2014	06/20/2014	<b>EP-3</b> IP 7111407	<b>- BIENNIAL EP EXERCISE INSPECTION HAB</b> Exercise Evaluation - Hostile Action (HA) Event	5
1	07/21/2014	07/25/2014	<b>EB1-21T</b> IP 7111121	<b>- COMPONENT DESIGN BASIS INSPECTION</b> Component Design Bases Inspection	1
1	08/04/2014	08/08/2014	IP 7111121	Component Design Bases Inspection	1
1	08/18/2014	08/22/2014	IP 7111121	Component Design Bases Inspection	1
1	08/01/2014	08/31/2014	<b>ISFSI</b> IP 60855.1	<b>- ROUTINE INSPECTION (1 WEEK IN THE MONTH)</b> Operation of an Independent Spent Fuel Storage Installation at Operating Plants	3
1	08/11/2014	08/15/2014	<b>RS13</b> IP 71124.01	<b>- RADIATION SAFETY</b> Radiological Hazard Assessment and Exposure Controls	
1	08/11/2014	08/15/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	08/11/2014	08/15/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	08/11/2014	08/15/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**River Bend**  
**Inspection / Activity Plan**  
**09/01/2013 - 12/31/2014**

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Unit Number	Planned Dates Start      End	Inspection Activity	Title	No. of Staff on Site
1	09/15/2014      09/19/2014	INSP - BIENNIAL REQUAL INSPECTION IP 7111111B	Licensed Operator Requalification Program	3
1	11/17/2014      11/21/2014	EB1-07T - TRIENNIAL HEAT SINK INSPECTION IP 7111107T	Heat Sink Performance	1

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