UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

March 3, 2008

Michael Perito
Vice President, Operations
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

SUBJECT: ANNUAL ASSESSMENT LETTER - RIVER BEND STATION
(NRC INSPECTION REPORT 05000458/2008001)

Dear Mr. Perito:

On February 7, 2008, the NRC staff completed its performance review of the River Bend Station for the calendar year 2007 assessment cycle. Our technical staff reviewed performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2007. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Overall, River Bend Station operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter at River Bend Station was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green).

In our annual assessment letter dated March 2, 2007, a substantive crosscutting issue in the area of human performance associated with instances of ineffective human error techniques within the work practices component was identified. In our midcycle performance assessment letter dated August 31, 2007, the substantive crosscutting issue remained open pending the completion of your effectiveness reviews and our assessment that corrective actions resulted in sustained improved performance. On the basis of the results of your effectiveness reviews, and a sustained reduction in the number of findings, the NRC is closing this substantive crosscutting issue.

Although we noted a theme in the human performance component of work practices, specifically related to the aspect of procedural compliance, recent performance in this area has improved as indicated by only one finding related to procedural compliance since the last assessment. On this basis we have concluded that the scope of your efforts to address this area continues to be effective.

The enclosed inspection plan details the inspections, except those related to physical protection scheduled through June 30, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the midcycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (817) 860-8144 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

Michael C. Hay

Michael C. Hay, Chief
Project Branch C
Division of Reactor Projects

Docket: 50-458
License: NPF-47

Enclosure:
River Bend Station Inspection/Activity Plan

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River Bend
Inspection / Activity Plan
03/01/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB2-07T	**- TRIENNIAL HEAT SINK INSPECTION**	**1**			
1	IP 7111107B	Heat Sink Performance		03/31/2008	04/04/2008	Baseline Inspections
	EB1-21	**- CDBI**	**7**			
1	IP 7111121	Component Design Bases Inspection		05/12/2008	05/16/2008	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		05/26/2008	06/06/2008	Baseline Inspections
	RP-ORS2	**- OCCUPATIONAL RADIATION SAFETY - ACCESS**	**1**			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/05/2008	05/09/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/05/2008	05/09/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/05/2008	05/09/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/05/2008	05/09/2008	Baseline Inspections
	EP1	**- EP EXERCISE**	**3**			
1	IP 7111401	Exercise Evaluation		06/09/2008	06/13/2008	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/09/2008	06/13/2008	EP Baseline Inspection
1	IP 71151-EP01	Drill/Exercise Performance		06/09/2008	06/13/2008	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		06/09/2008	06/13/2008	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		06/09/2008	06/13/2008	Baseline Inspections
	REQUAL	**- BIENNIAL REQUAL**	**3**			
1	IP 7111111B	Licensed Operator Requalification Program		08/04/2008	08/08/2008	Baseline Inspections
	RP-ORS3	**- OCCUPATIONAL RADIATION SAFETY**	**1**			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/20/2008	10/24/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/20/2008	10/24/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		10/20/2008	10/24/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		10/20/2008	10/24/2008	Baseline Inspections
	EXAMPREP	**- INITIAL EXAM PREP**	**2**			
1	X02393	RIVER BEND NUCLEAR INITIAL EXAM (12/01/2008)		10/27/2008	10/31/2008	Not Applicable
	EXAM	**- INITIAL EXAM**	**5**			
1	X02393	RIVER BEND NUCLEAR INITIAL EXAM (12/01/2008)		12/01/2008	12/12/2008	Not Applicable
	EB1-08	**- INSERVICE INSPECTION**	**2**			
1	IP 7111108G	Inservice Inspection Activities - BWR		04/27/2009	05/29/2009	Baseline Inspections
	EB2-52B	**- BIENNIAL PI&R INSPECTION**	**4**			
1	IP 71152B	Identification and Resolution of Problems		06/08/2009	06/12/2009	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		06/22/2009	06/26/2009	Baseline Inspections

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

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SUNSI Review Completed: MCH ADAMS: √ Yes □ No Initials: MCH
√ Publicly Available □ Non-Publicly Available □ Sensitive √ Non-Sensitive

R:_REACTORS\EOC and Midcycle\Assessment letters\RBS 03-2008.doc

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02/19/2008	02/28/2008	02/25/2008	02/25/2008

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