



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

September 2, 2008

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

SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
RIVER BEND STATION

Dear Mr. Perito:

On August 7, 2008, the NRC staff completed its performance review of River Bend Station for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. 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-Related Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter 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 PIs indicating performance at a level requiring no additional NRC oversight (Green).

During the first quarter of the assessment cycle, plant performance entered the Regulatory Response Column of the NRC's Action Matrix as a result of a White PI for unplanned scrams per 7000 critical hours. This PI returned to Green in the second quarter of 2008.

On the basis of the White PI, we conducted a supplemental inspection at River Bend Station using Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," which was completed on June 27, 2008. This supplemental inspection was conducted to provide assurance that the root and contributing causes for the White PI were understood, to provide assurance that the extent of condition and extent of cause were identified, and to provide assurance that the corrective actions are sufficient to address the root and contributing causes and prevent their recurrence. The supplemental inspection determined that you performed a comprehensive and thorough evaluation in which specific problems were identified, an adequate root cause evaluation was performed and corrective actions were taken or planned to prevent recurrence.

The enclosed inspection plan details the inspections less those related to physical protection scheduled through December 31, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of the inspector's arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 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 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 Geoffrey Miller at (817) 860-8144 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



Dwight D. Chamberlain, Director
Division of Reactor Projects

Docket: 50-458
License: NPF-47

Enclosure: River Bend Station Inspection/Activity Plan

cc w/Enclosure:

Senior Vice President
Entergy Nuclear Operations
P.O. Box 31995
Jackson, MS 39286-1995

Senior Vice President and COO
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

Vice President, Oversight
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

Attorney General
State of Louisiana
P.O. Box 94095
Baton Rouge, LA 70804-9005

Ms. H. Anne Plettinger
3456 Villa Rose Drive
Baton Rouge, LA 70806

President of West Feliciana
Police Jury
P.O. Box 1921
St. Francisville, LA 70775

Mr. Richard Penrod, Senior Environmental
Scientist/State Liaison Officer
Office of Environmental Services
Northwestern State University
Russell Hall, Room 201
Natchitoches, LA 71497

Mr. Brian Almon
Public Utility Commission
William B. Travis Building
P.O. Box 13326
1701 North Congress Avenue
Austin, TX 78701-3326

Mr. Jim Calloway
Public Utility
Commission of Texas
1701 N. Congress Avenue
Austin, TX 78711-3326

Louisiana Department of Environmental
Quality
Radiological Emergency Planning and
Response Division
P.O. Box 4312
Baton Rouge, LA 70821-4312

Louisiana Department of Environmental
Quality
Office of Environmental Compliance
P.O. Box 4312
Baton Rouge, LA 70821-4312

Associate General Counsel
Entergy Nuclear Operations
P.O. Box 31995
Jackson, MS 39286-1995

Lisa R. Hammond, Chief
Technological Hazards Branch
National Preparedness Division
FEMA Region VI
800 N. Loop 288
Denton, TX 76209

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Inspection / Activity Plan
09/01/2008 - 12/31/2009

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	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
	EXAM - INITIAL EXAM		4			
1	X02393	RIVER BEND NUCLEAR INITIAL EXAM (12/01/2008)		10/27/2008	10/31/2008	Not Applicable
1	X02393	RIVER BEND NUCLEAR INITIAL EXAM (12/01/2008)		12/01/2008	12/10/2008	Not Applicable
	EB1-08 - INSERVICE INSPECTION		2			
1	IP 7111108G	Inservice Inspection Activities - BWR		04/27/2009	05/22/2009	Baseline Inspections
	PSB2-52B - BIENNIAL PI&R INSPECTION		4			
1	IP 71152B	Identification and Resolution of Problems		06/15/2009	06/19/2009	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		07/06/2009	07/10/2009	Baseline Inspections
	RP-ORS4 - OCCUPATIONAL RADIATION SAFETY - ACCESS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/06/2009	07/10/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/06/2009	07/10/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/06/2009	07/10/2009	Baseline Inspections
	RPTeam - RADIATION SAFETY TEAM INSPECTION		5			
1	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		09/14/2009	09/18/2009	Generic Safety Inspecti
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/14/2009	09/18/2009	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		09/14/2009	09/18/2009	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		09/14/2009	09/18/2009	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		09/14/2009	09/18/2009	Baseline Inspections
	EB1-17T - 50.59 AND MODS		2			
1	IP 7111117	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		09/21/2009	10/02/2009	Baseline Inspections
	RP-ORS5 - OCCUPATIONAL RADIATION SAFETY - ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		12/14/2009	12/18/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		12/14/2009	12/18/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		12/14/2009	12/18/2009	Baseline Inspections

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

River Bend
Inspection / Activity Plan
09/01/2008 - 12/31/2009

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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
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	RP-ORS4 - OCCUPATIONAL RADIATION SAFETY - ACCESS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/06/2009	07/10/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/06/2009	07/10/2009	Baseline Inspections
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1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/14/2009	09/18/2009	Baseline Inspections
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1	IP 7112202	Radioactive Material Processing and Transportation		09/14/2009	09/18/2009	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		09/14/2009	09/18/2009	Baseline Inspections
	EB1-17T - 50.59 AND MODS		2			
1	IP 7111117	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		09/21/2009	10/02/2009	Baseline Inspections
	RP-ORS5 - OCCUPATIONAL RADIATION SAFETY - ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		12/14/2009	12/18/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		12/14/2009	12/18/2009	Baseline Inspections
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