



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

August 30, 2005

Paul D. Hinnenkamp
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. Hinnenkamp:

On August 4, 2005, the NRC staff completed its performance review of the River Bend Station for the first half of the calendar year 2005 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 in order for you to inform us of any planned inspections that may conflict with your plant activities.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix, based on the Unplanned Scrams per 7000 Critical Hours PI having crossed the threshold from Green to White following a reactor scram that occurred on January 15, 2005. In July of 2005, we received your Common Cause Analysis Report, "Unplanned Scrams Exceed the Criteria for a White Performance Indicator," dated July 6, 2005. Accordingly, we plan to implement Supplemental Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area." The purpose of this supplemental inspection is to provide assurance that the root causes and contributing causes of risk significant performance issues are understood, the extent of cause and condition are identified, and the corrective actions are sufficient to prevent recurrence.


In our Annual Assessment Letter dated March 2, 2005, we discussed our review of reactor scrams that occurred on August 15, and October 1, 2004, to determine whether another PI, the Unplanned Scrams with Loss of Normal Heat Removal PI, should have crossed the Green to White threshold. We have determined that these reactor scrams do not constitute inputs to this PI.

The enclosed inspection plan details the inspections, except those related to physical protection, scheduled through March 31, 2007. The inspection plan is provided to minimize the resource impact on your staff and to allow for the early 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 9 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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 Wayne Walker at (817) 276-6523 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



Arthur T. Howell III, Director
Division of Reactor Projects

Docket: 50-458
License: NPF-47

Enclosure:
River Bend Station Inspection/Activity Plan

cc w/enclosure:
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700 Galleria Parkway SE, Suite 100
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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
1	95001	- SUPPLEMENTAL INSPECTION 95001	1	09/06/2005	09/09/2005	Supplemental Progra
	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area				
1	ALARA3	- ALARA PLANNING AND CONTROLS	1	09/26/2005	09/30/2005	Baseline Inspections
	IP 7112102	ALARA Planning and Controls				
1	OB-EP2	- EMERG PREPAREDNESS PROGRAM INSPECTION	1	10/17/2005	10/21/2005	Baseline Inspections
	IP 7111403	Emergency Response Organization Augmentation Testing				
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/17/2005	10/21/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/17/2005	10/21/2005	Baseline Inspections
1	IP 7111402	Alert and Notification System Testing		10/24/2005	10/28/2005	Baseline Inspections
1	PEB-52	- RBS PIR INSPECTION	5	10/24/2005	10/28/2005	Baseline Inspections
	IP 71152B	Identification and Resolution of Problems				
1	IP 71152B	Identification and Resolution of Problems		11/14/2005	11/18/2005	Baseline Inspections
1	RP TEAM	- RADIATION SAFETY TEAM INSPECTION	4	10/31/2005	11/04/2005	Baseline Inspections
	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment				
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		10/31/2005	11/04/2005	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		10/31/2005	11/04/2005	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control F		10/31/2005	11/04/2005	Baseline Inspections
1	ACRSA	- ACCESS CONTROL TO RAD SIGNIFICANT AREAS	1	03/20/2006	03/24/2006	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
1	EB-08G	- IN SERVICE INSPECTION (BOILER)	1	03/20/2006	03/24/2006	Baseline Inspections
	IP 711108G	Inservice Inspection Activities - BWR				
1	OB-RQ	- REQUALIFICATION INSP	6	04/17/2006	04/21/2006	Baseline Inspections
	IP 711111B	Licensed Operator Requalification Program				
1	EB21	- SSD&PCI	6	06/05/2006	06/09/2006	Baseline Inspections
	IP 7111102	Evaluation of Changes, Tests, or Experiments				
1	IP 711121	Safety System Design and Performance Capability		06/05/2006	06/09/2006	Baseline Inspections
1	IP 711121	Safety System Design and Performance Capability		06/19/2006	06/23/2006	Baseline Inspections
1	IP 711121	Safety System Design and Performance Capability		06/26/2006	06/30/2006	Baseline Inspections
1	PEB	- MAINTENANCE RULE BIENNIAL	1	06/26/2006	06/30/2006	Baseline Inspections
	IP 711112B	Maintenance Effectiveness				
1	ALARA1	- ALARA PLANNING AND CONTROLS	1	07/10/2006	07/14/2006	Baseline Inspections
	IP 7112102	ALARA Planning and Controls				
1	EPI	- EMERG PREPAREDNESS EXERCISE	4	08/14/2006	08/18/2006	Baseline Inspections
	IP 7111401	Exercise Evaluation				
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/14/2006	08/18/2006	Baseline Inspections

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

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
1	EP1 - EMERG PREPAREDNESS EXERCISE		4			
	IP 71151	Performance Indicator Verification		08/14/2006	08/18/2006	Baseline Inspections
1	PEB - HX PERFORMANCE		1			
	IP 7111107B	Heat Sink Performance		12/11/2006	12/15/2006	Baseline Inspections
1	ALARA2 - ALARA PLANNING AND CONTROLS		1			
	IP 7112102	ALARA Planning and Controls		01/08/2007	01/12/2007	Baseline Inspections
1	EB2-05T - TRIENNIAL-FP		5			
	IP 7111105T	Fire Protection [Triennial]		01/29/2007	02/02/2007	Baseline Inspections
1	IP 7111105T	Fire Protection [Triennial]		02/12/2007	02/16/2007	Baseline Inspections

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

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- Senior Resident Inspector (**PJA**)
- Branch Chief, DRP/C (**WCW**)
- Project Engineer, DRP/C (**RVA**)
- Team Leader, DRP/TSS (**RLN1**)
- RITS Coordinator (**KEG**)
- V. Dricks, PAO (**VLD**)
- W. Maier, RSLO (**WAM**)
- C. Gordon (**CJG**)
- DRS Branch Chiefs (**LJS, MPS1, REL, NFO**)
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- H. Berkow, Director, LPD4, NRR/DLPM (**HNB**)
- D. Terao, Chief, PDIV-1, NRR/DLPM (**DXT**)
- M. Webb, NRR Project Manager (**MKW**)

SISP Review Completed: wcw ADAMS: Yes No Initials: wcw
 Publicly Available Non-Publicly Available Sensitive Non-Sensitive

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RIV:SPE/DRP/C	C:DRP/C	D:DRS	D:DRP	
RVAzua	WCWalker	DDChamberlain	ATHowell III	
<i>/RA/</i>	<i>/RA/</i>	<i>KMKennedy for</i>	<i>[Signature]</i>	
8/18/05	8/18/05	8/25/05	8/21/05	

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