



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

March 3, 2004

Paul D. Hinnenkamp
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 REPORT 05000458/2004001)**

Dear Mr. Hinnenkamp:

On February 4, 2004, the NRC staff completed its end-of-cycle plant performance assessment of River Bend Station. The end-of-cycle review for River Bend Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2003. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

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 was within the Regulatory Response Column of the NRC's Action Matrix, based on one finding of low to moderate safety significance (White) in the mitigating systems cornerstone.

The White finding involved a failure to properly secure a valve in the condensate system that resulted in a loss of feedwater flow following a reactor scram in September 2002. Corrective actions, including procedural changes and additional training, were implemented by your staff following the event. NRC staff conducted a special inspection following occurrence of the event in 2002, and we conducted a supplemental inspection in February 2004. On the basis of our reviews conducted to date, we have concluded that you have adequately addressed the root causes and have implemented appropriate corrective actions.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of Order implementation combined with newly developed portions of the security baseline inspection program. The enclosed inspection plan details the inspections scheduled through September 30, 2005. In addition to the baseline

inspections listed in the enclosure, NRC will conduct inspections on your independent spent fuel storage facility as work progresses and construction and operational milestones are achieved. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 12 months of the inspection plan are tentative and may be revised at the midcycle 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 this inspection plan, we will contact you to discuss the change as soon as possible. Please contact David N. Graves at 817/860-8141 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/ by MASatorius for

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:
Senior Vice President and
Chief Operating Officer
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

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

Entergy Operations, Inc.

-3-

General Manager
Plant Operations
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

Director - Nuclear Safety
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

Wise, Carter, Child & Caraway
P.O. Box 651
Jackson, MS 39205

Mark J. Wetterhahn, Esq.
Winston & Strawn
1401 L Street, N.W.
Washington, DC 20005-3502

Manager - Licensing
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

The Honorable Charles C. Foti, Jr.
Attorney General
Department of Justice
State of Louisiana
P.O. Box 94005
Baton Rouge, LA 70804-9005

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

Burt Babers, President
West Feliciana Parish Police Jury
P.O. Box 1921
St. Francisville, LA 70775

Michael E. Henry, State Liaison Officer
Department of Environmental Quality
Permits Division
P.O. Box 4313
Baton Rouge, LA 70821-4313

Brian Almon
Public Utility Commission
William B. Travis Building
P.O. Box 13326
1701 North Congress Avenue
Austin, TX 78711-3326

Jimmy Bello, President
Pointe Coupe Parish Police Jury
P.O. Box 290
New Roads, LA 70760

James Hunt, President
East Feliciana Parish Police Jury
P.O. Box 427
Clinton, LA 70722

Riley Berthelot, Jr., Parish President
West Baton Rouge Parish Counsel
P.O. Box 757
Port Allen, LA 70767

Bobby Simpson, Mayor-President
Office of the Mayor-President
East Baton Rouge Parish
P.O. Box 1471
Baton Rouge, LA 70821

Federal Emergency Management Agency
ATTN: Ron Castleman, Regional Director
Region VI, Federal Center
800 North Loop 288
Denton, TX 76201-3698

Jim Brewer
Assistant Chief Administrative Officer
Office of the Mayor/President
East Baton Rouge Parish
P.O. Box 1471
Baton Rouge, LA 70821

Joanne Moreau, Director
Office of Homeland Security and
Emergency Preparedness
East Baton Rouge Parish
P.O. Box 1471
Baton Rouge, LA 70821

Charles LeBlanc, Director
Office of Emergency Preparedness
West Baton Rouge Parish
P.O. Box 757
Port Allen, LA 70767

Don Ewing, Director
Office of Emergency Preparedness
Pointe Coupee Parish
P.O. Box 248
New Roads, LA 70760

Col. Michael L. Brown, Assistant Director
Military Department
Louisiana Office of Emergency Preparedness
P.O. Box 44217
7667 Independence Blvd.
Baton Rouge, LA 70806

Jesse Means, Jr., Director
Office of Homeland Security and
Emergency Preparedness
West Feliciana Parish
P.O. Box 1927
St. Francisville, LA 70775

T. W. Prewitt, Director
Office of Homeland Security and
Emergency Preparedness
East Feliciana Parish
P.O. Box 640
Jackson, LA 70748

The Honorable William D'Aquila
Mayor, Town of St. Francisville
P.O. Box 400
St. Francisville, LA 70775

Institute of Nuclear Power Operations (INPO)
700 Galleria Parkway SE, Suite 100
Atlanta, GA 30339

Electronic distribution by RIV:

Regional Administrator (**BSM1**)

DRP Director (**ATH**)

DRS Director (**DDC**)

Senior Resident Inspector (**PJA**)

Branch Chief, DRP/B (**DNG**)

Senior Project Engineer, DRP/B (**RAK1**)

Staff Chief, DRP/TSS (**PHH**)

RITS Coordinator (**NBH**)

RidsNrrDipmlipb

V. Dricks, PAO (**VLD**)

W. A. Maier, RSLO (**WAM**)

C. J. Gordon (**CJG**)

DRS Branch Chiefs (**LJS, TWP, ATG, CSM**)

W. D. Travers, EDO (**WDT**)

S. A. Richards, Chief, NRR/DIPM/IIPB (**SAR**)

R. K. Frahm, PPR Program Manager, NRR/DIPM/IIPB (**RKF**)

J. W. Craig, Associate Dir. for Inspection and Programs (**JWC1**)

B. W. Sheron, Associate Dir. for Project Licensing and Technical Analysis (**BWS**)

T. A. Bergman, Chief, Regional Operations Staff, OEDO (**TAB**)

H. N. Berkow, NRR Project Director (**HNB**)

R. A. Gramm, Chief, Section 1, NRR/DLPM (**RAG**)

M. K. Webb, NRR Project Manager (**MKW**)

ADAMS: ☒ Yes ☐ No Initials: __dng__

☒ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ☒ Non-Sensitive

S:\DRP\DRPDIR\EOC for 03\Assessment Letters\RBS.wpd

C:DRP/B	D:DRS	D:DRP		
DNGraves;df	DDChamberlain	ATHowell		
/RA/	/RA/	MA Satorius for		
2/23/04	2/26/04	3/3/04		

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

River Bend
Inspection / Activity Plan
03/01/2004 - 10/01/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	ALARA1 - ALARA PLANNING AND CONTROLS		1		
1	IP 7112102	ALARA Planning and Controls		03/22/2004 03/26/2004	Baseline Inspections
	PSB-S1 - AA-AC-PI-FFD		2		
1	IP 7113001	Access Authorization		03/22/2004 03/26/2004	Baseline Inspections
1	IP 7113002	Access Control		03/22/2004 03/26/2004	Baseline Inspections
1	IP 7113008	Fitness For Duty Program		03/22/2004 03/26/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/22/2004 03/26/2004	Baseline Inspections
	EB-21/02 - SSD&PCI AND 50.59		7		
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		05/03/2004 05/07/2004	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		05/03/2004 05/07/2004	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		05/17/2004 05/21/2004	Baseline Inspections
	OB-RQ - REQUALIFICATION EXAM		4		
1	IP 7111111B	Licensed Operator Requalification Program		06/21/2004 06/25/2004	Baseline Inspections
	OB-EP2 - EP EXERCISE		2		
1	IP 7111401	Exercise Evaluation		06/07/2004 06/11/2004	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/07/2004 06/11/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/07/2004 06/11/2004	Baseline Inspections
	PEB-12B - MAINTENANCE EFFECTIVENESS		1		
1	IP 7111112B	Maintenance Effectiveness		06/14/2004 06/18/2004	Baseline Inspections
	OB-IN EX - OB - INITIAL EXAMINATION		7		
1	X02267	RIVER BEND (09/04) INITIAL EXAM		09/06/2004 09/10/2004	Not Applicable
1	X02267	RIVER BEND (09/04) INITIAL EXAM		09/20/2004 09/24/2004	Not Applicable
	EB-08G - INSERVICE INSPECTION ACTIVITIES		1		
1	IP 7111108G	Inservice Inspection Activities - BWR		10/25/2004 10/29/2004	Baseline Inspections
	ACCESSPI - ACRSA/PIV		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		10/25/2004 10/29/2004	Baseline Inspections
	PEB-07B - HX & HEAT SINK PERFORMANCE TESTING		2		
1	IP 7111107B	Heat Sink Performance		11/29/2004 12/03/2004	Baseline Inspections
	ALARA2 - ALARA PLANNING AND CONTROLS 2		1		
1	IP 7112102	ALARA Planning and Controls		01/10/2005 01/14/2005	Baseline Inspections
	EB17B - PERMANENT PLANT MODS		2		
1	IP 7111117B	Permanent Plant Modifications		03/07/2005 03/11/2005	Baseline Inspections
	PEB-52 - RBS PIR INSPECTION		2		
1	IP 71152B	Identification and Resolution of Problems		06/06/2005 06/10/2005	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
03/01/2004 - 10/01/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PEB-52 - RBS PIR INSPECTION		2			
1	IP 71152B	Identification and Resolution of Problems		06/20/2005	06/24/2005	Baseline Inspections
	OB-EP2 - EMERG PREPAREDNESS PROGRAM INSPECTION		1			
1	IP 7111402	Alert and Notification System Testing		06/13/2005	06/17/2005	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		06/13/2005	06/17/2005	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/13/2005	06/17/2005	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/13/2005	06/17/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/13/2005	06/17/2005	Baseline Inspections
	ACRSA - ACCESS CONTROL TO RAD SIGNIFICANT AREAS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/20/2005	06/24/2005	Baseline Inspections
	ALARA3 - ALARA PLANNING AND CONTROLS		1			
1	IP 7112102	ALARA Planning and Controls		09/26/2005	09/30/2005	Baseline Inspections