



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

September 2, 2008

Kevin Walsh, Vice President, Operations  
Entergy Operations, Inc.  
Waterford Steam Electric Station, Unit 3  
17265 River Road  
Killona, LA 70057-3093

SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
WATERFORD STEAM ELECTRIC STATION, UNIT-3

Dear Mr. Walsh:

On August 6, 2008, the NRC staff completed its performance review of Waterford Steam Electric Station, Unit-3 for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators 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 at Waterford Steam Electric Station, Unit-3 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). Therefore, we plan to conduct reactor oversight process baseline inspections at your facility.

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 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.

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 817-276-6523 with any questions you may have regarding this letter or the inspection plan.

Sincerely



Wayne C. Walker, Acting Chief  
Reactor Projects Branch E  
Division of Reactor Projects

Docket: 50-382  
License: NPF-38

Enclosure: Waterford Steam Electric Station, Unit-3 Inspection/ Activity Plan

cc w/Enclosure

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

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

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

Senior Manager, Nuclear Safety  
and Licensing  
Entergy Services, Inc.  
P.O. Box 31995  
Jackson, MS 39286-1995

Site Vice President  
Waterford Steam Electric Station, Unit 3  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057-0751

Director  
Nuclear Safety Assurance  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057-0751

General Manager, Plant Operations  
Waterford 3 SES  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057-0751

Manager, Licensing  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057-3093

Chairman  
Louisiana Public Service Commission  
P.O. Box 91154  
Baton Rouge, LA 70825-1697

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

Parish President Council  
St. Charles parish  
P.O. Box 302  
Hahnville, LA 70057

Director, Nuclear Safety & Licensing  
Entergy, Operations, Inc.  
440 Hamilton Avenue  
White Plains, NY 10601

Louisiana Department of Environmental  
Quality  
Radiological Emergency Planning  
and Response Division

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

Lisa R. Hammond, Chief  
Technological Hazards Branch  
National Preparedness Division  
FEMA Region VI  
800 N. Loop 288  
Denton, TX 76209 P.O. Box 4312  
Baton Rouge, LA 70821-4312

Electronic distribution by RIV:

- Regional Administrator (Elmo.Collins@nrc.gov)
- DRP Director (Dwight.Chamberlain@nrc.gov)
- DRP Deputy Director (Anton.Vegel@nrc.gov)
- DRS Director (Roy.Caniano@nrc.gov)
- DRS Deputy Director (Troy.Pruett@nrc.gov)
- Senior Resident Inspector (Ray.Azua@nrc.gov)
- Resident Inspector (Dean.Overland@nrc.gov)
- Acting Branch Chief, DRP/E (Wayne.Walker@nrc.gov)
- Senior Project Engineer, DRP/E (George.Repogle@nrc.gov)
- Public Affairs Officer (Victor.Dricks@nrc.gov)
- Team Leader, DRP/TSS (Chuck.Paulk@nrc.gov)
- RITS Coordinator (Marisa.Herrera@nrc.gov)
- RidsNrrDirslpab@nrc.gov
- V. Dricks, PAO (Victor.Dricks@nrc.gov)
- W. Maier, RSLO (Bill.Maier@nrc.gov)
- L. Owen, RA Secretary (Lucy.Owen@nrc.gov)
- Branch Chief, DRS Engineering Branch1 (Russ.Bywater@nrc.gov)
- Branch Chief, DRS Engineering Branch 2 (Neil.OKeefe@nrc.gov)
- Branch Chief, DRS Operations Branch (Ryan.Lantz@nrc.gov)
- Branch Chief, DRS Plant Support Branch 1 (Michael.Shannon@nrc.gov)
- Branch Chief, DRS Plant Support Branch 2 (Greg.Werner@nrc.gov)
- T. Bloomer, Chief, TRPS, OEDO (Tamara.Bloomer@nrc.gov)
- C. Haney, Director, DORL, NRR (Joseph.Glitter@nrc.gov)
- T. Hiltz, Chief, OLB IV, DORL, NRR (Thomas.Hiltz@nrc.gov)
- K. Kalyanam, NRR Project Manager (Kaly.Kalyanam@nrc.gov)
- M. Cox, OEDO RIV Coordinator (Mark.Cox@nrc.gov)
- INPO (mortensengk@INPO.org)

SUNSI Review Completed: WCW ADAMS  Yes  No Initials: WCW  
 Publicly Available  Non-Publicly Available  Sensitive  Non-Sensitive

R: REACTORS\EOC and Midcycle\Midcycle Assessment Letters\2008\WAT.doc ML

C:SPE:DRP/E	C:DRP/E	D:DRS	D:DRP	
GDRepogle	WCWalker	RJCaniano	DDChamberlain	
<b>/RA/ WCWalker for</b>	<b>/RA/</b>	<b>/RA/</b>		
8/18/08	8/18/08	8/ 21/08	8/21/08	

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	<b>PSB2-52B - BIENNIAL PI&amp;R INSPECTION</b>		4		
3	IP 71152B	Identification and Resolution of Problems		10/06/2008 10/10/2008	Baseline Inspections
3	IP 71152B	Identification and Resolution of Problems		10/27/2008 10/31/2008	Baseline Inspections
	<b>EB2-07T - TRIENNIAL HEAT SINK INSPECTION</b>		1		
3	IP 7111107B	Heat Sink Performance		09/15/2008 09/19/2008	Baseline Inspections
	<b>EP2 - EP PROGRAM</b>		1		
3	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		10/06/2008 10/10/2008	Baseline Inspections
3	IP 7111402	Alert and Notification System Testing		10/06/2008 10/10/2008	EP Baseline Inspection
3	IP 7111403	Emergency Response Organization Augmentation Testing		10/06/2008 10/10/2008	EP Baseline Inspection
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/06/2008 10/10/2008	EP Baseline Inspection
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		10/06/2008 10/10/2008	EP Baseline Inspection
3	IP 71151-EP01	Drill/Exercise Performance		10/06/2008 10/10/2008	Baseline Inspections
3	IP 71151-EP02	ERO Drill Participation		10/06/2008 10/10/2008	Baseline Inspections
3	IP 71151-EP03	Alert & Notification System		10/06/2008 10/10/2008	Baseline Inspections
	<b>RP-ORS4 - OCCUPATIONAL RADIATION SAFETY</b>		1		
3	IP 7112101	Access Control to Radiologically Significant Areas		02/09/2009 02/13/2009	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		02/09/2009 02/13/2009	Baseline Inspections
3	IP 71151	Performance Indicator Verification		02/09/2009 02/13/2009	Baseline Inspections
	<b>RPTEAM - RADIATION SAFETY TEAM INSPECTION</b>		5		
3	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		03/02/2009 03/06/2009	Generic Safety Inspecti
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/02/2009 03/06/2009	Baseline Inspections
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		03/02/2009 03/06/2009	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		03/02/2009 03/06/2009	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		03/02/2009 03/06/2009	Baseline Inspections
	<b>EB2-05T - TRIENNIAL FIRE PROTECTION</b>		4		
3	IP 7111105T	Fire Protection [Triennial]		04/13/2009 04/17/2009	Baseline Inspections
3	IP 7111105T	Fire Protection [Triennial]		04/27/2009 05/01/2009	Baseline Inspections
	<b>EP1 - EP EXERCISE INSPECTION</b>		4		
3	IP 7111401	Exercise Evaluation		06/22/2009 06/26/2009	EP Baseline Inspection
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/22/2009 06/26/2009	EP Baseline Inspection
3	IP 71151	Performance Indicator Verification		06/22/2009 06/26/2009	Baseline Inspections
	<b>7111111B - BIENNIAL REQUAL INSPECTION</b>		3		
3	IP 7111111B	Licensed Operator Requalification Program		08/10/2009 08/14/2009	Baseline Inspections
	<b>EB1-21T - CDBI</b>		6		
3	IP 7111121	Component Design Bases Inspection		08/24/2009 08/28/2009	Baseline Inspections

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

Waterford 3  
 Inspection / Activity Plan  
 09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EB1-21T - CDBI</b>					
3	IP 7111121	Component Design Bases Inspection	6	09/07/2009	09/18/2009	Baseline Inspections
	<b>EXAM - INITIAL EXAM</b>					
3	X02418	INITIAL EXAM-W3 (10/2009)	3	09/14/2009	09/18/2009	Not Applicable
3	X02418	INITIAL EXAM-W3 (10/2009)		10/05/2009	10/09/2009	Not Applicable
	<b>EB1-08P - INSERVICE INSPECTION</b>					
3	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	2	10/18/2009	11/23/2009	Generic Safety Inspecti
3	IP 7111108P	Inservice Inspection Activities - PWR		10/18/2009	11/23/2009	Baseline Inspections
	<b>RP-OR5 - OCCUPATIONAL RADIATION SAFETY - ACCESS</b>					
3	IP 7112101	Access Control to Radiologically Significant Areas	1	11/16/2009	11/20/2009	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		11/16/2009	11/20/2009	Baseline Inspections
3	IP 71151	Performance Indicator Verification		11/16/2009	11/20/2009	Baseline Inspections

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