



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

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

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

C:SPE:DRP/E	C:DRP/E	D:DRS	D:DRP	
GDRepogle	WCWalker	RJCaniano	DDChamberlain	
/RA/ WCWalker for	/RA/	/RA/		
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
	PSB2-52B - BIENNIAL PI&R INSPECTION		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
	EB2-07T - TRIENNIAL HEAT SINK INSPECTION		1		
3	IP 7111107B	Heat Sink Performance		09/15/2008 09/19/2008	Baseline Inspections
	EP2 - EP PROGRAM		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
	RP-ORS4 - OCCUPATIONAL RADIATION SAFETY		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
	RPTEAM - RADIATION SAFETY TEAM INSPECTION		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
	EB2-05T - TRIENNIAL FIRE PROTECTION		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
	EP1 - EP EXERCISE INSPECTION		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
	7111111B - BIENNIAL REQUAL INSPECTION		3		
3	IP 7111111B	Licensed Operator Requalification Program		08/10/2009 08/14/2009	Baseline Inspections
	EB1-21T - CDBI		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.

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-21T - CDBI					
3	IP 711121	Component Design Bases Inspection	6	09/07/2009	09/18/2009	Baseline Inspections
	EXAM - INITIAL EXAM					
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
	EB1-08P - INSERVICE INSPECTION					
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
	RP-OR5 - OCCUPATIONAL RADIATION SAFETY - ACCESS					
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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