

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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ARLINGTON, TEXAS 76011-4005

March 2, 2007

Kevin T. Walsh, Vice President
of Operations
Waterford 3
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-3093

SUBJECT: ANNUAL ASSESSMENT LETTER - WATERFORD STEAM ELECTRIC STATION
(NRC INSPECTION REPORT 05000382/2007001)

Dear Mr. Walsh:

On February 7, 2007, the NRC staff completed its performance review of your Waterford Steam Electric Station, Unit 3. Our technical staff reviewed performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2006. 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 physical protection information. A separate letter designated and marked as "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

Overall, Waterford Steam Electric Station, Unit 3, operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 (ROP) baseline inspections at your facility.

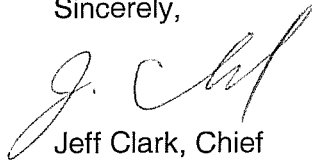
The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2008. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. 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 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 (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 me at (817) 860-8147 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



Jeff Clark, Chief
Project Branch E
Division of Reactor Projects

Docket: 50-382
License: NPF-38

Enclosure:
Waterford 3 Inspection/Activity Plan

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	ISI	- BATWING INSP CONTINUED	2			
3	IP 7111108P	Inservice Inspection Activities - PWR		01/01/2007	02/16/2007	Baseline Inspections
	RP TEAM	- RADIATION SAFETY TEAM	4			
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/12/2007	02/16/2007	Baseline Inspections
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/12/2007	02/16/2007	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		02/12/2007	02/16/2007	Baseline Inspections
	EB2-12T	- MAINTENANCE RULE TRIENNIAL	1			
3	IP 7111112B	Maintenance Effectiveness		03/05/2007	03/09/2007	Baseline Inspections
	BRQ-SIM	- BIENNIAL REQUAL SIM ONLY	1			
3	IP 7111111B	Licensed Operator Requalification Program		03/05/2007	03/08/2007	Baseline Inspections
	EB1-21	- CDB	7			
3	IP 7111121	Component Design Bases Inspection		04/16/2007	04/20/2007	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		04/30/2007	05/11/2007	Baseline Inspections
	RP-ORS3	- OCCUPATIONAL RADIATION SAFETY-ACCESS	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		08/13/2007	08/17/2007	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		08/13/2007	08/17/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		08/13/2007	08/17/2007	Baseline Inspections
	REQUAL	- BIENNIAL REQUALIFICATION	4			
3	IP 7111111B	Licensed Operator Requalification Program		08/20/2007	08/24/2007	Baseline Inspections
	EPI	- EMERG PREP EXERCISE	3			
3	IP 7111401	Exercise Evaluation		12/03/2007	12/17/2007	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/03/2007	12/17/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		12/03/2007	12/17/2007	Baseline Inspections
	RP-ORS4	- OCCUPATIONAL RADIATION SAFETY-ALARA	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		12/10/2007	12/14/2007	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		12/10/2007	12/14/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		12/10/2007	12/14/2007	Baseline Inspections
	EXAM	- INITIAL EXAMINATION	3			
3	X02382	WATERFORD-3 INITIAL EXAM (03-24-08)		02/25/2008	02/29/2008	Not Applicable
3	X02382	WATERFORD-3 INITIAL EXAM (03-24-08)		03/24/2008	03/28/2008	Not Applicable
	EB1-08	- INSERVICE INSPECTION ACTIVITIES	1			
3	IP 7111108P	Inservice Inspection Activities - PWR		05/05/2008	05/23/2008	Baseline Inspections
	RP-ORS1	- OCCUPATIONAL RADIATION SAFETY-ACCESS	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		05/12/2008	05/16/2008	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		05/12/2008	05/16/2008	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
	RP-ORS1 - OCCUPATIONAL RADIATION SAFETY-ACCESS		1			
3	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/12/2008	05/16/2008	Baseline Inspections
3	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/12/2008	05/16/2008	Baseline Inspections
	RP-ORS2 - OCCUPATIONAL RADIATION SAFETY-ALARA		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		05/19/2008	05/23/2008	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		05/19/2008	05/23/2008	Baseline Inspections
3	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/19/2008	05/23/2008	Baseline Inspections
3	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/19/2008	05/23/2008	Baseline Inspections
	EB1-2/17 - 50.59 & PERMANENT PLANT MODS		4			
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		07/07/2008	07/11/2008	Baseline Inspections
3	IP 711117B	Permanent Plant Modifications		07/07/2008	07/11/2008	Baseline Inspections
	EB2-07B - BIENNIAL HEAT SINK INSPECTION		1			
3	IP 7111107B	Heat Sink Performance		09/15/2008	09/19/2008	Baseline Inspections

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

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