



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

August 30, 2005

Joseph E. Venable
Vice President Operations
Waterford 3
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

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

Dear Mr. Venable:

On August 4, 2005, the NRC staff completed its performance review of the Waterford 3 Steam Electric 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 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 PIs indicating performance at a level requiring no additional NRC oversight (Green). Although plant performance was within the Licensee Response Column, the significance of findings that occurred during the refueling outage involving reactor coolant system configuration control issues that resulted in a vacuum being drawn during a reactor coolant system inventory reduction is still under review as part of Significance Determination Process which, when finalized, may change our assessment of your plant's safety performance.

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 me at (817) 860-8147 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



David N. Graves, Chief
Project Branch E
Division of Reactor Projects

Docket: 50-382
License: NPF-38

Enclosure:
Waterford 3 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

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

General Manager, Plant Operations
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

Entergy Operations, Inc.

- 3 -

Manager - Licensing Manager
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

Chairman
Louisiana Public Service Commission
P.O. Box 91154
Baton Rouge, LA 70821-9154

Director, Nuclear Safety &
Regulatory Affairs
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

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

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

Winston & Strawn LLP
1700 K Street, N.W.
Washington, DC 20006-3817

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

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	OB-RQ - REQUAL INSPECTION		2			
3	IP 711111B	Licensed Operator Requalification Program		08/15/2005	08/19/2005	Baseline Inspections
	ALARA3 - ALARA PLANNING AND CONTROLS		1			
3	IP 7112102	ALARA Planning and Controls		09/26/2005	09/30/2005	Baseline Inspections
	PEB-12B - MAINTENANCE RULE BIENNIAL		2			
3	IP 7111112B	Maintenance Effectiveness		10/03/2005	10/07/2005	Baseline Inspections
	OB-EP EX - EMERG PREPAREDNESS EXERCISE		4			
3	IP 7111401	Exercise Evaluation		12/05/2005	12/09/2005	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/05/2005	12/09/2005	Baseline Inspections
3	IP 71151	Performance Indicator Verification		12/05/2005	12/09/2005	Baseline Inspections
	PEB - W3 PIR INSPECTION		3			
3	IP 71152B	Identification and Resolution of Problems		03/06/2006	03/10/2006	Baseline Inspections
3	IP 71152B	Identification and Resolution of Problems		03/20/2006	03/24/2006	Baseline Inspections
	EB02/17 - 50.59 & PERMANENT PLANT MODS		3			
3	IP 7111102	Evaluation of Changes; Tests, or Experiments		06/19/2006	06/23/2006	Baseline Inspections
3	IP 711117B	Permanent Plant Modifications		06/19/2006	06/23/2006	Baseline Inspections
	ALARA1 - ALARA PLANNING AND CONTROLS		1			
3	IP 7112102	ALARA Planning and Controls		06/19/2006	06/23/2006	Baseline Inspections
	OB-INIT - WAT INITIAL EXAM		5			
3	X02295	WAT INITIAL EXAM (08/06)		07/24/2006	07/28/2006	Not Applicable
3	X02295	WAT INITIAL EXAM (08/06)		08/14/2006	08/18/2006	Not Applicable
	PEB-05T - TRIENNIAL FIRE PROTECTION		4			
3	IP 7111105T	Fire Protection [Triennial]		08/07/2006	08/11/2006	Baseline Inspections
3	IP 7111105T	Fire Protection [Triennial]		08/21/2006	08/25/2006	Baseline Inspections
	PEB - HX PERFORMANCE		1			
3	IP 711107B	Heat Sink Performance		08/14/2006	08/21/2006	Baseline Inspections
	EB08 - ISI-P		1			
3	IP 7111108P	Inservice Inspection Activities - PWR		10/02/2006	11/03/2006	Baseline Inspections
	ACRSA - ACCESS CONTROL TO RAD SIGNIFICANT		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		10/16/2006	10/20/2006	Baseline Inspections
	EP2 - EMERG PREPAREDNESS PROGRAM INSPECTION		1			
3	IP 7111402	Alert and Notification System Testing		12/18/2006	12/22/2006	Baseline Inspections
3	IP 7111403	Emergency Response Organization Augmentation Testing		12/18/2006	12/22/2006	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/18/2006	12/22/2006	Baseline Inspections
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		12/18/2006	12/22/2006	Baseline Inspections

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EP2 - EMERG PREPAREDNESS PROGRAM INSPECTION		1	12/18/2006	12/22/2006	Baseline Inspections
3	IP 71151	Performance Indicator Verification				
	EB1-21 - SSD&PCI		5	01/22/2007	01/26/2007	Baseline Inspections
3	IP 711121	Safety System Design and Performance Capability				
3	IP 711121	Safety System Design and Performance Capability		02/05/2007	02/09/2007	Baseline Inspections
	RP TEAM - RADIATION SAFETY TEAM		5	02/12/2007	02/16/2007	Baseline Inspections
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
3	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control F		02/12/2007	02/16/2007	Baseline Inspections
	12B - MAINTENANCE RULE INSPECTION		1	02/26/2007	03/02/2007	Baseline Inspections
3	IP 7111107B	Heat Sink Performance				

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

Electronic distribution by RIV:

- Regional Administrator (**BSM1**)
- DRP Director (**ATH**)
- DRS Director (**DDC**)
- DRS Deputy Director (**KMK**)
- Senior Resident Inspector (**MCH**)
- Branch Chief, DRP/E (**DNG**)
- Senior Project Engineer, DRP/E (**VGG**)
- 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**)
- S. Richards, Chief, NRR/DIPM/IIPB (**SAR**)
- M. Case, Deputy Dir. for Inspection and Programs (**MJC**)
- B. Sheron, Associate Dir. for Project Licensing and Technical Analysis (**BWS**)
- T. Bergman, Chief, TRPS/OEDO (**TAB**)
- H. Berkow, Director, LPD4, NRR/DLPM (**HNB**)
- D. Terao, Chief, PDIV-1, NRR/DLPM (**DXT**)
- N. Kalyanam, NRR Project Manager (**NXK**)

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

S:\DRP\DRPDIR\MIDCYCLE 2005\WAT.wpd

RIV:SPE/DRP/E	C:DRP/E	D:DRS	D:DRP	C:DRP/E signature
VGGaddy	DNGraves	DDChamberlain	ATHowell	DNGraves
<i>/RA/</i>	<i>/RA/</i>	<i>KMKennedy for</i>	<i>[Signature]</i>	<i>[Signature]</i>
8/23/05	8/24/05	8/25/05	8/25/05	8/25/05

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax