UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 E LAMAR BLVD
ARLINGTON, TX 76011-4511

September 12, 2016

Mr. Michael R. Chisum
Site Vice President
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-0751

SUBJECT: ERRATA FOR MID-CYCLE ASSESSMENT LETTER FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3 (REPORT 05000382/2016005)

Dear Mr. Chisum:

It was identified that the enclosed inspection plan in a letter to you dated August 31, 2016 (ML16237A065) was improperly marked. The inspection plan contained the markings of "Official Use Only – Sensitive Internal Information/Security-Related Information", however, the inspection plan did not contain information under that category. The inspection plan that was originally placed into ADAMS has been corrected by striking through the markings. The original Mid-Cycle Assessment Letter and the corrected inspection plan are enclosed. Please note that neither the content of the assessment letter, nor the inspection plan has changed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agency wide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Thomas R. Hipschman, Team Leader
Inspection Program and Assessment Team
Division of Reactor Safety

Docket Nos.: 50-382
License Nos.: NPF-38

Enclosures:
1. Waterford Steam Electric Station, Unit 3 Inspection/Activity Plan
2. 2016 Mid-Cycle Assessment Letter (ML16237A065)

Waterford
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			RS 24	**- RADIATION SAFETY**	**2**
3	09/12/2016	09/16/2016	IP 71124.02	Occupational ALARA Planning and Controls	
3	09/12/2016	09/16/2016	IP 71124.04	Occupational Dose Assessment	
			ISFSI	**- LOADING INSPECTION (ONE WEEK IN MONTH)**	**1**
3	10/01/2016	10/30/2016	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			EXAM	**- INITIAL EXAM**	**4**
3	02/15/2017	02/18/2017	X02588	INITIAL EXAM WAT3 (04/2017)	
3	03/27/2017	03/31/2017	X02588	INITIAL EXAM WAT3 (04/2017)	
			TSB 52B	**- BIENNIAL PI&R INSPECTION**	**5**
3	11/28/2016	12/02/2016	IP 71152B	Problem Identification and Resolution	
3	12/12/2016	12/16/2016	IP 71152B	Problem Identification and Resolution	
			EB2-02	**- LICENSE RENEWAL INSPECTION**	**4**
3	01/23/2017	01/27/2017	IP 71002	License Renewal Inspection	
3	02/06/2017	02/10/2017	IP 71002	License Renewal Inspection	
			EB1-07T	**- WAT HEAT SINK PERFORMANCE**	**1**
3	03/20/2017	03/24/2017	IP 7111107T	Heat Sink Performance	
			RS 12 PI	**- RADIATION SAFETY**	**3**
3	04/24/2017	04/28/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	04/24/2017	04/28/2017	IP 71124.02	Occupational ALARA Planning and Controls	
3	04/24/2017	04/28/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	04/24/2017	04/28/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			71111.08	**- INSERVICE INSPECTION RFO 21**	**1**
3	04/24/2017	05/05/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			BRQ	**- BRQ INSPECTION**	**3**
3	07/24/2017	07/28/2017	IP 7111111B	Licensed Operator Requalification Program	
			EB1-21M	**- WAT COMPONENT DESIGN BASES INSPECTION**	**6**
3	10/16/2017	11/17/2017	IP 7111121M	Component Design Bases Inspection (Teams)	
			RS 5678	**- RS TEAM**	**5**
3	11/27/2017	12/01/2017	IP 71124.05	Radiation Monitoring Instrumentation	
3	11/27/2017	12/01/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3	11/27/2017	12/01/2017	IP 71124.07	Radiological Environmental Monitoring Program	
3	11/27/2017	12/01/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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

Waterford
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			EP-2 - BIENNIAL EP EXERCISE INSPECTION		**4**
3	12/04/2017	12/08/2017	IP 7111401	Exercise Evaluation	
3	12/04/2017	12/08/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			EP-3 - EP PERFORMANCE INDICATOR REVIEW		**1**
3	12/04/2017	12/08/2017	IP 71151-EP01	Drill/Exercise Performance	
3	12/04/2017	12/08/2017	IP 71151-EP02	ERO Readiness	
3	12/04/2017	12/08/2017	IP 71151-EP03	Alert & Notification System Reliability	
			EB1-17T - WAT PERM PLANT MODS AND 50.59		**3**
3	04/02/2018	04/06/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
3	04/16/2018	04/20/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	

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

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 E LAMAR BLVD
ARLINGTON, TX 76011-4511

August 31, 2016

Mr. Michael R. Chisum
Site Vice President
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-0751

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3 (REPORT 05000382/2016005)

Dear Mr. Chisum:

On August 11, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Waterford Steam Electric Station, Unit 3. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2015 through June 30, 2016. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Waterford Unit 3 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Waterford Unit 3 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the second half of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The NRC conducted audits of licensee efforts towards compliance with these Orders, and the information gathered will aid staff in development of the ultimate Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Safety Evaluation will be issued. Then, the NRC staff will confirm through inspections the full implementation of the orders mentioned above by

performing Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

In Staff Requirements Memorandum – SECY 16-0009, "Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities," the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. This will be the final mid-cycle assessment letter. The staff will continue to conduct quarterly assessment meetings and communicate changes in the assessment of licensee performance in accordance with the guidance in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Please contact me at 817-200-1173 with any questions you have regarding this letter.

Sincerely,

/RA/

Geoffrey B. Miller, Branch Chief
Projects Branch D
Division of Reactor Projects

Docket No. 50-382
License No. NPF-38

Enclosure:
Waterford Plant Inspection/Activity Plan

Waterford
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			RS 24	**- RADIATION SAFETY**	**2**
3	09/12/2016	09/16/2016	IP 71124.02	Occupational ALARA Planning and Controls	
3	09/12/2016	09/16/2016	IP 71124.04	Occupational Dose Assessment	
			ISFSI	**- LOADING INSPECTION (ONE WEEK IN MONTH)**	**1**
3	10/01/2016	10/30/2016	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			EXAM	**- INITIAL EXAM**	**4**
3	02/15/2017	02/18/2017	X02588	INITIAL EXAM WAT3 (04/2017)	
3	03/27/2017	03/31/2017	X02588	INITIAL EXAM WAT3 (04/2017)	
			TSB 52B	**- BIENNIAL PI&R INSPECTION**	**5**
3	11/28/2016	12/02/2016	IP 71152B	Problem Identification and Resolution	
3	12/12/2016	12/16/2016	IP 71152B	Problem Identification and Resolution	
			EB2-02	**- LICENSE RENEWAL INSPECTION**	**4**
3	01/23/2017	01/27/2017	IP 71002	License Renewal Inspection	
3	02/06/2017	02/10/2017	IP 71002	License Renewal Inspection	
			EB1-07T	**- WAT HEAT SINK PERFORMANCE**	**1**
3	03/20/2017	03/24/2017	IP 7111107T	Heat Sink Performance	
			RS 12 PI	**- RADIATION SAFETY**	**3**
3	04/24/2017	04/28/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	04/24/2017	04/28/2017	IP 71124.02	Occupational ALARA Planning and Controls	
3	04/24/2017	04/28/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	04/24/2017	04/28/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			71111.08	**- INSERVICE INSPECTION RFO 21**	**1**
3	04/24/2017	05/05/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			BRQ	**- BRQ INSPECTION**	**3**
3	07/24/2017	07/28/2017	IP 7111111B	Licensed Operator Requalification Program	
			EB1-21M	**- WAT COMPONENT DESIGN BASES INSPECTION**	**6**
3	10/16/2017	11/17/2017	IP 7111121M	Component Design Bases Inspection (Teams)	
			RS 5678	**- RS TEAM**	**5**
3	11/27/2017	12/01/2017	IP 71124.05	Radiation Monitoring Instrumentation	
3	11/27/2017	12/01/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3	11/27/2017	12/01/2017	IP 71124.07	Radiological Environmental Monitoring Program	
3	11/27/2017	12/01/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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

Enclosure

Waterford
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EP-2	**- BIENNIAL EP EXERCISE INSPECTION**	**4**
3	12/04/2017	12/08/2017	IP 7111401	Exercise Evaluation	
3	12/04/2017	12/08/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			EP-3	**- EP PERFORMANCE INDICATOR REVIEW**	**1**
3	12/04/2017	12/08/2017	IP 71151-EP01	Drill/Exercise Performance	
3	12/04/2017	12/08/2017	IP 71151-EP02	ERO Readiness	
3	12/04/2017	12/08/2017	IP 71151-EP03	Alert & Notification System Reliability	
			EB1-17T	**- WAT PERM PLANT MODS AND 50.59**	**3**
3	04/02/2018	04/06/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
3	04/16/2018	04/20/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	

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

Enclosure

performing Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

In Staff Requirements Memorandum – SECY 16-0009, "Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities," the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. This will be the final mid-cycle assessment letter. The staff will continue to conduct quarterly assessment meetings and communicate changes in the assessment of licensee performance in accordance with the guidance in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Please contact me at 817-200-1173 with any questions you have regarding this letter.

Sincerely,

/RA/

Geoffrey B. Miller, Branch Chief
Projects Branch D
Division of Reactor Projects

Docket No. 50-382
License No. NPF-38

Enclosure:
Waterford Plant Inspection/Activity Plan

DISTRIBUTION:
See next page

ADAMS ACCESSION NUMBER: ML16237A065

■ SUNSI Review By: GBM		ADAMS ■ Yes ☐ No	■ Publicly Available ☐ Non-Publicly Available		■ Non-Sensitive ☐ Sensitive		Keyword: NRC-002
OFFICE: RIV	D: DRS	D: DRP	C: DRP/D				
NAME	AVegel	TWPruett	GBMiller				
SIGNATURE	***/RA-JClark for***	***/RA/***	***/RA/***				
DATE	8/19/16	8/18/16	8/22/16				

OFFICIAL RECORD COPY

Letter to Michael R. Chisum from Geoffrey B. Miller dated August 31, 2016

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3 (REPORT 05000382/2016005)

DISTRIBUTION:
Regional Administrator (Kriss.Kennedy@nrc.gov)
Deputy Regional Administrator (Scott.Morris@nrc.gov)
DRP Director (Troy.Pruett@nrc.gov)
DRP Deputy Director (Ryan.Lantz@nrc.gov)
DRS Director (Anton.Vegel@nrc.gov)
DRS Deputy Director (Jeff.Clark@nrc.gov)
Senior Resident Inspector (Frances.Ramirez@nrc.gov)
Resident Inspector (Chris.Speer@nrc.gov)
Administrative Assistant (Vacant)
Senior Project Engineer, DRP/D (Vacant)
Project Engineer (Jan.Tice@nrc.gov)
Project Engineer (Brian.Parks@nrc.gov)
Public Affairs Officer (Victor.Dricks@nrc.gov)
Project Manager (April.Pulvirenti@nrc.gov)
Team Leader, DRS/IPAT (Thomas.Hipschman@nrc.gov)
RITS Coordinator (Marisa.Herrera@nrc.gov)
ACES (R4Enforcement.Resource@nrc.gov)
Regional Counsel (Karla.Fuller@nrc.gov)
Technical Support Assistant (Loretta.Williams@nrc.gov)
Congressional Affairs Officer (Jenny.Weil@nrc.gov)
RIV Congressional Affairs Officer (Angel.Moreno@nrc.gov)
RIV/ETA: OEDO (Jeremy.Bowen@nrc.gov)
RIV RSLO (Bill.Maier@nrc.gov)
Director, DIRS, NRR (Chris.Miller@nrc.gov)
Deputy Director, DIRS, NRR (Shana.Helton@nrc.gov)
Director, DORL, NRR (Anne.Boland@nrc.gov)
Deputy Director, DORL, NRR (George.Wilson@nrc.gov)
Director, NSIR (Brian.Holian@nrc.gov)
Director, DPR, NSIR (Marissa.Bailey@nrc.gov)
DRP Branch Chiefs (R4DRPBC@nrc.gov)
DRS Branch Chiefs (R4DRSBC@nrc.gov)
ROPreports.Resource@nrc.gov
ROPassessment.Resource@nrc.gov

September 12, 2016

Mr. Michael R. Chisum
Site Vice President
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-0751

SUBJECT: ERRATA FOR MID-CYCLE ASSESSMENT LETTER FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3 (REPORT 05000382/2016005)

Dear Mr. Chisum:

It was identified that the enclosed inspection plan in a letter to you dated August 31, 2016 (ML16237A065) was improperly marked. The inspection plan contained the markings of "Official Use Only – Sensitive Internal Information/Security-Related Information", however, the inspection plan did not contain information under that category. The inspection plan that was originally placed into ADAMS has been corrected by striking through the markings. The original Mid-Cycle Assessment Letter and the corrected inspection plan are enclosed. Please note that neither the content of the assessment letter, nor the inspection plan has changed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agency wide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Thomas R. Hipschman, Team Leader
Inspection Program and Assessment Team
Division of Reactor Safety

Docket Nos.: 50-382
License Nos.: NPF-38

Enclosures:
1. Waterford Steam Electric Station, Unit 3 Inspection/Activity Plan
2. 2016 Mid-Cycle Assessment Letter (ML16237A065)

DISTRIBUTION:
See next page

ADAMS ACCESSION NUMBER: ML16256A336 / PACKAGE: ML16256A334

☒ SUNSI Review By: EDU		ADAMS ☒ Yes ☐ No	☒ Publicly Available ☐ Non-Publicly Available		☒ Non-Sensitive ☐ Sensitive		Keyword: NRC-002
OFFICE	TL:IPAT						
NAME	THipschman						
SIGNATURE	***/RA/***						
DATE	9/12/16						

OFFICIAL RECORD COPY

Letter to Michael R. Chisum from Thomas R. Hipschman dated September 12, 2016

SUBJECT: ERRATA FOR MID-CYCLE ASSESSMENT LETTER FOR WATERFORD ELECTRIC STATION, UNIT 3 (REPORT 05000382/2016005)

DISTRIBUTION:
Regional Administrator (Kriss.Kennedy@nrc.gov)
Deputy Regional Administrator (Scott.Morris@nrc.gov)
DRP Director (Troy.Pruett@nrc.gov)
DRP Deputy Director (Ryan.Lantz@nrc.gov)
DRS Director (Anton.Vegel@nrc.gov)
DRS Deputy Director (Jeff.Clark@nrc.gov)
Senior Resident Inspector (Frances.Ramirez@nrc.gov)
Resident Inspector (Chris.Speer@nrc.gov)
Administrative Assistant (Yvonne.Dubay@nrc.gov)
Branch Chief, DRP/D (Geoffrey.Miller@nrc.gov)
Senior Project Engineer, DRP (Vacant)
Project Engineer, DRP/D (Jan.Tice@nrc.gov)
Project Engineer, DRP/D (Brian.Parks@nrc.gov)
Public Affairs Officer (Victor.Dricks@nrc.gov)
Project Manager (April.Pulvirenti@nrc.gov)
Team Leader, DRS/IPAT (Thomas.Hipschman@nrc.gov)
Project Engineer, DRS/IPAT (Eduardo.Uribe@nrc.gov)
RITS Coordinator (Marisa.Herrera@nrc.gov)
ACES (R4Enforcement.Resource@nrc.gov)
Regional Counsel (Karla.Fuller@nrc.gov)
Technical Support Assistant (Loretta.Williams@nrc.gov)
Congressional Affairs Officer (Jenny.Weil@nrc.gov)
RIV Congressional Affairs Officer (Angel.Moreno@nrc.gov)
RIV/ETA: OEDO (Jeremy.Bowen@nrc.gov)
RIV RSLO (Bill.Maier@nrc.gov)
Director, DIRS, NRR (Chris.Miller@nrc.gov)
Deputy Director, DIRS, NRR (Shana.Helton@nrc.gov)
Director, DORL, NRR (Anne.Boland@nrc.gov)
Deputy Director, DORL, NRR (George.Wilson@nrc.gov)
Director, NSIR (Brian.Holian@nrc.gov)
Director, DPR, NSIR (Marissa.Bailey@nrc.gov)
DRP Branch Chiefs (G-R4-DRP-BC@nrc.gov)
DRS Branch Chiefs (R4DRS-BC1@nrc.gov)
ROPreports.Resource@nrc.gov
ROPassessment.Resource@nrc.gov