



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

August 28, 2017

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

**SUBJECT: UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC  
STATION, UNIT 3 (REPORT 05000382/2017005)**

Dear Mr. Chisum:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for the Waterford Steam Electric Station, Unit 3. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans." This inspection will be conducted at Waterford Steam Electric Station, Unit 3, to confirm the station's full implementation of Commission Orders EA-12-049 and EA-12-051.

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 and its enclosure will be 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).

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 Steam Electric Station  
Inspection Plan

UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3  
(REPORT 05000382/2017005)

**DISTRIBUTION:**

KKennedy, RA  
 SMorris, DRA  
 TPruett, DRP  
 RLantz, DRP  
 AVegel, DRS  
 JClark, DRS  
 GMiller, DRP  
 J. Dixon, DRP  
 BCorrell, DRP  
 JChoate, DRP  
 CJewett, DRP  
 FRamirez, DRP  
 CSpeer, DRP  
 AElam, DRP  
 JBowen, RIV/OEDO  
 KFuller, RC  
 VDricks, ORA  
 JWeil, OCA  
 APulvirenti, NRR  
 AMoreno, RIV/CAO  
 BMaier, RSLO  
 THipschman, IPAT  
 EUribe, IPAT  
 MHerrera, DRMA  
 R4Enforcement  
 CMiller, NRR  
 MKing, NRR  
 ABoland, NRR  
 KBrock, NRR  
 BHolian, NSIR  
 MBailey, NSIR  
 DRP Branch Chiefs  
 DRS Branch Chiefs  
 ROP Reports Resource  
 ROP Assessment Resource

ADAMS ACCESSION NUMBER: ML17242A162

SUNSI Review      ADAMS:       Non-Publicly Available       Non-Sensitive      Keyword:NRC-002:  
 By:GMiller/dll       Yes     No       Publicly Available       Sensitive

OFFICE: RIV	SPE:DRP/D	C:DRP/D			
NAME	JDixon	GMiller			
SIGNATURE	<i>/RA/</i>	<i>/RA/</i>			
DATE	8/28/17	8/28/17			

OFFICIAL RECORD COPY

**Waterford**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BRQ - BRQ INSPECTION</b>		<b>4</b>
3	07/24/2017	07/28/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>SIT - SPECIAL INSPECTION LOSS OF OFFSITE POWER</b>		<b>5</b>
3	07/31/2017	09/29/2017	IP 93812	Special Inspection	
			<b>TI-191 - MITIGATING STRATEGIES/SFP INST FOR BDBEE</b>		<b>4</b>
3	09/18/2017	09/22/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			<b>EB1-21M - WAT COMPONENT DESIGN BASES INSPECTION</b>		<b>6</b>
3	10/23/2017	11/17/2017	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			<b>RS 5678 - RS TEAM</b>		<b>4</b>
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	
			<b>EP-2 - BIENNIAL EP EXERCISE INSPECTION</b>		<b>4</b>
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	
			<b>EP-3 - EP PERFORMANCE INDICATOR REVIEW</b>		<b>1</b>
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	
			<b>RS 13PI - RAD SAFETY</b>		<b>2</b>
3	01/22/2018	01/26/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	01/22/2018	01/26/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3	01/22/2018	01/26/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	01/22/2018	01/26/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>EB1-17T - WAT 50.59 CHANGES, TESTS, EXPERIMENTS</b>		<b>3</b>
3	04/02/2018	04/06/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
			<b>EXAM - INITIAL EXAM</b>		<b>4</b>
3	10/01/2018	10/05/2018	X02625	INITIAL EXAM W3(11/18)	
3	11/05/2018	11/09/2018	X02625	INITIAL EXAM W3(11/18)	
			<b>EB2-05XT - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>4</b>
3	07/30/2018	08/03/2018	IP 7111105X	Fire Protection - NFPA 805 (Triennial)	
3	08/13/2018	08/17/2018	IP 7111105X	Fire Protection - NFPA 805 (Triennial)	

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

**Waterford**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>EP-1 - EP PROGRAM INSPECTION</b>					<b>1</b>
3	08/13/2018	08/17/2018	IP 7111402	Alert and Notification System Testing	
3	08/13/2018	08/17/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3	08/13/2018	08/17/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	08/13/2018	08/17/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
3	08/13/2018	08/17/2018	IP 71151-EP01	Drill/Exercise Performance	
3	08/13/2018	08/17/2018	IP 71151-EP02	ERO Readiness	
3	08/13/2018	08/17/2018	IP 71151-EP03	Alert & Notification System Reliability	
<b>RS 24 - RAD SAFETY</b>					<b>2</b>
3	09/10/2018	09/14/2018	IP 71124.02	Occupational ALARA Planning and Controls	
3	09/10/2018	09/14/2018	IP 71124.04	Occupational Dose Assessment	
<b>PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>					<b>5</b>
3	09/17/2018	09/21/2018	IP 71152B	Problem Identification and Resolution	
3	10/01/2018	10/05/2018	IP 71152B	Problem Identification and Resolution	
<b>RS 12 PI - RP INSPECTION</b>					<b>2</b>
3	01/14/2019	01/18/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	01/14/2019	01/18/2019	IP 71124.02	Occupational ALARA Planning and Controls	
3	01/14/2019	01/18/2019	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	01/14/2019	01/18/2019	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
<b>7111108 - WATERFORD INSERVICE INSPECTION</b>					<b>1</b>
3	01/14/2019	01/25/2019	IP 7111108P	Inservice Inspection Activities - PWR	
<b>EB1-21N - WATERFORD EQ PROGRAMS INSPECTION</b>					<b>3</b>
3	04/01/2019	04/19/2019	IP 7111121N	Design Bases Assurance Inspection (Programs)	

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