



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

August 30, 2019

Mr. John Dinelli
Site Vice President
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057

SUBJECT: UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC
STATION, UNIT 3, REPORT 05000382/2019005

Dear Mr. Dinelli:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for 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. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last 12 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.

On March 12, 2018, the NRC issued a Confirmatory Order (ADAMS Accession No. ML18072A191) (EA-17-132 and EA-17-153), to the Entergy fleet that included Waterford Steam Electric Station, Unit 3. The Confirmatory Order was associated with nonlicensed operators deliberately failing to tour all required areas and deliberately entering inaccurate information into the operating logs. On April 5, 2019, the NRC issued Waterford two Severity Level III violations for similar occurrences (ADAMS Accession No. ML19095B573). The NRC plans to conduct a Confirmatory Order followup inspection at Entergy Corporate Headquarters in Jackson, MS of the actions required to be completed by the end of calendar year 2019, in accordance with Inspection Procedure 92702, "Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, And Alternative Dispute Resolution Confirmatory Orders." This inspection will be conducted during the first quarter of 2020 on a date to be determined by the NRC and Entergy.

On July 20, 2018, the NRC issued a Notice of Violation to Waterford Steam Electric Station, Unit 3 associated with the failure to establish appropriate design and procedures associated with providing electrical power using the "N+1" FLEX diesel generator to support transition

phase (Phase 2) strategies (ML18201A492). On May 17, 2019, you provided a supplement to update the completion of the corrective actions (ML19137A341). The NRC staff will complete Inspection Procedure 92702, "Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, And Alternative Dispute Resolution Confirmatory Orders." This inspection will be conducted during the first quarter of 2020 on a date to be determined by the NRC and your staff.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01)."

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," 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 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) 200-1574 with any questions you have regarding this letter.

Sincerely,

/RA/

John L. Dixon, JR, Chief
Project Branch D
Division of Reactor Projects

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

Enclosure:
Inspection Plan

UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3,
REPORT 05000382/2019005 – DATED AUGUST 30, 2019

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DOCUMENT NAME: WAT 2019005 MidCycle

ADAMS ACCESSION NUMBER: ML19235A089

☒ SUNSI Review ADAMS: ☐ Non-Publicly Available ☒ Non-Sensitive Keyword:
 By: **BKC** ☒ Yes ☐ No ☒ Publicly Available ☐ Sensitive Nrc-002

OFFICE	PBD:ASPE	PBD:C				
NAME	BCorrell	JDixon				
SIGNATURE	/RA/	/RA/				
DATE	08/22/19	08/30/19				

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Waterford

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
W3 2019 BRQ						2
3	07/29/2019	08/03/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RP TEAM INSPECTION						4
3	09/16/2019	09/20/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
3	09/16/2019	09/20/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
3	09/16/2019	09/20/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
3	09/16/2019	09/20/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Waterford Routine ISFSI inspection (one week in month)						2
1	10/01/2019	12/31/2019	IP 60855	001001	Operation Of An ISFSI	
1	10/01/2019	12/31/2019	IP 60857	001004	Review of 10 CFR 72.48 Evaluations	
EP EXERCISE AND PI INSPECTION						4
3	11/18/2019	11/22/2019	IP 71114.01	000716	Exercise Evaluation	
3	11/18/2019	11/22/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
3	11/18/2019	11/22/2019	IP 71151	001397	Performance Indicator Verification	
FLEX NOV Followup Inspection - WAT						1
3	12/01/2019	03/31/2020	IP 92702	001555	Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, And Alternative Dispute Resolution Confirmatory Orders	
WAT ENTERGY CO FOLLOWUP - 2						3
3	12/01/2019	03/31/2020	IP 92702 CONF	001581	Enforcement Related Order Follow-Up-Only	
3	12/01/2019	03/31/2020	IP 92722	000913	Follow Up Inspection For Any Severity Level I or II Traditional Enforcement Violation or for Two or	
TI 2515/194 - WAT						1
3	12/09/2019	12/13/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
RS24 Radiation Safety						2
3	02/10/2020	02/14/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Waterford

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
RS24 Radiation Safety						2
3	02/10/2020	02/14/2020	IP 71124.04	000728	Occupational Dose Assessment	
Security Equipment .04 and Training .07						2
3	04/20/2020	04/24/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
3	04/20/2020	04/24/2020	IP 71130.07	000739	Security Training	
Waterford 3 - Design Bases Assurance Inspection (Teams)						6
3	05/04/2020	05/22/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
Security Access Control .02						1
3	06/08/2020	06/12/2020	IP 71130.02	000734	Access Control	
3	06/08/2020	06/12/2020	IP 71151	001338	Performance Indicator Verification	
W3 2020 INITIAL EXAM						6
3	07/19/2020	07/25/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
3	08/16/2020	08/22/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
3	08/23/2020	08/29/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
BIENNIAL PI&R						4
3	09/14/2020	09/18/2020	IP 71152B	000747	Problem Identification and Resolution	
3	09/28/2020	10/02/2020	IP 71152B	000747	Problem Identification and Resolution	
Inservice Inspection RF23 - WAT						1
3	10/05/2020	10/16/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RS12PI Radiation Safety						2
3	10/05/2020	10/09/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
3	10/05/2020	10/09/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
EP Program Inspection						1
3	12/07/2020	12/11/2020	IP 71114.02	000717	Alert and Notification System Testing	
RP 1,3,PI						2
3	01/11/2021	01/15/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
3	01/11/2021	01/15/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	

IP 22 Inspection Activity Plan Report

Waterford

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
MCA - Material Control & Accounting						1
3	01/11/2021	01/15/2021	IP 71130.11	000742	Material Control and Accounting (MC&A)	
FORCE-ON-FORCE PLANNING & EXERCISE						5
3	02/08/2021	02/12/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
3	03/01/2021	03/05/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
50.59 Inspection 17T - Waterford						3
3	04/05/2021	04/09/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Security FFD .08						1
3	04/05/2021	04/09/2021	IP 71130.08	000740	Fitness For Duty Program	