



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

September 1, 2021

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

SUBJECT: UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC
STATION - UNIT 3 (REPORT 05000382/2021005)

Dear Mr. Ferrick:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, 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. 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.

In response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the Reactor Oversight Process (ROP). Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" located in the NRC's Agencywide Documents Access and Management System (ADAMS) (ADAMS Accession No. ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

The Regional Administrator has approved the staff's plan to conduct Inspection Procedure 52003, "Digital Instrumentation and Control Modification Inspection," at your facility as indicated in the enclosed inspection plan.

The Regional Administrator has approved the staff's plan to conduct Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," at your facility as indicated in the enclosed inspection plan.

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 3. The Regional Administrator has approved the staff's plan to conduct follow-up inspection of Entergy's implementation of actions required by the Confirmatory Order actions 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." The NRC will continue to coordinate with Entergy regarding this inspection, which is currently in progress.

Additionally, on April 5, 2019, the NRC issued Inspection Report 05000382/2019412 (ADAMS Accession No. ML19095B573) (EA-18-138) which documented two Severity Level III traditional enforcement violations associated with willfulness and involving several instances of improper operator log-taking at Waterford Steam Electric Station, Unit 3. The Regional Administrator has approved the staff's plan to review these violations in their entirety under Inspection Procedure 92702 during the inspection to follow up on the related Entergy Confirmatory Order.

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 ADAMS and 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,

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

Docket No. 05000382
License No. NPF-38

Enclosure:
Inspection Plan

cc w/ encl: Distribution via LISTSERV®

UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC STATION - UNIT 3
(REPORT 05000382/2021005) – DATED SEPTEMBER 1, 2021

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 ROP Reports
 ROPassessment.Resource@nrc.gov.

ADAMS ACCESSION NUMBER: ML21232A228

SUNSI Review ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: ASanchez Yes No Publicly Available Sensitive NRC-002

OFFICE	SPE: DRP/D	BC: DRP/D			
NAME	ASanchez	JDixon			
SIGNATURE	AAS	JLD			
DATE	08/18/2021	09/01/2021			

IP 22b Site Inspection Activity Plan

Waterford

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
W3 CPCS Modification						10
3	7/25/2021	8/13/2021	IP 52003	000568	Digital Instrumentation and Control Modification Inspection	
W3 2021 BRQ						3
3	7/25/2021	7/31/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
In-Office EP Exercise Scenario Review - WAT						4
3	8/15/2021	9/26/2021	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
Heat Sink Performance 07T - Waterford						2
3	8/23/2021	8/27/2021	IP 71111.07T	000700	Heat Sink Performance	
Fire Protection Inspection - WAT						3
3	10/17/2021	10/23/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
3	10/31/2021	11/6/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
EP 2021 Exercise and PI Inspection						4
3	10/1/2021	12/31/2021	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
3	10/25/2021	10/29/2021	IP 71114.01	000716	Exercise Evaluation	
3	10/25/2021	10/29/2021	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
3	10/25/2021	10/29/2021	IP 71151	001397	Performance Indicator Verification	
W3 CPCS Testing						3
3	10/31/2021	11/13/2021	IP 52003	000568	Digital Instrumentation and Control Modification Inspection	
Security Access Authorization .01 and Access Control .02 w/PIV						2
3	11/1/2021	11/5/2021	IP 71130.01	000733	Access Authorization	
3	11/1/2021	11/5/2021	IP 71130.02	000734	Access Control	
3	11/1/2021	11/5/2021	IP 71130.09	001656	Security Plan Changes	
3	11/1/2021	11/5/2021	IP 71151	001338	Performance Indicator Verification	
RP 2,5,8						2
3	11/15/2021	11/19/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
3	11/15/2021	11/19/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
3	11/15/2021	11/19/2021	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
W3 2022 INITIAL EXAM						4
3	12/12/2021	12/18/2021	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
3	1/23/2022	1/29/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
EP 2022 Program & PI Inspection - WAT						1
3	1/10/2022	1/14/2022	IP 71114.02	000717	Alert and Notification System Testing	

IP 22b Site Inspection Activity Plan

3	1/10/2022	1/14/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
3	1/10/2022	1/14/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
3	1/10/2022	1/14/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
3	1/10/2022	1/14/2022	IP 71151	001397	Performance Indicator Verification	
RP 6,7						2
3	2/14/2022	2/18/2022	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
3	2/14/2022	2/18/2022	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Security Access Control .02						1
3	3/21/2022	3/25/2022	IP 71130.02	000734	Access Control	
3	3/21/2022	3/25/2022	IP 71130.09	001656	Security Plan Changes	
3	3/21/2022	3/25/2022	IP 71151	001338	Performance Indicator Verification	
Inservice Inspection RF24 - WAT						1
3	4/2/2022	4/16/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
W3 CPCS Installation						6
3	4/4/2022	5/20/2022	IP 52003	000568	Digital Instrumentation and Control Modification Inspection	
License Renewal Inspection 71003 (Phase 1) - WAT						2
3	4/11/2022	4/15/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
RP 1,2,PI						2
3	4/11/2022	4/15/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
3	4/11/2022	4/15/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Security Protective Strategy .05						2
3	6/20/2022	6/24/2022	IP 71130.05	000737	Protective Strategy Evaluation	
Waterford 3 Biennial PI&R						4
3	7/11/2022	7/15/2022	IP 71152B	000747	Problem Identification and Resolution	
3	7/25/2022	7/29/2022	IP 71152B	000747	Problem Identification and Resolution	
Power-Operated Valves Inspection - 21N - Waterford						3
3	9/19/2022	10/7/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
Security Training/Equip Maint .07 and .04						2
3	10/3/2022	10/7/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
3	10/3/2022	10/7/2022	IP 71130.07	000739	Security Training	
RP 2,4						2
3	11/28/2022	12/2/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
3	11/28/2022	12/2/2022	IP 71124.04	000728	Occupational Dose Assessment	
Design Bases Assurance Inspection (Team) - 21M - Waterford						6
3	1/1/2023	6/30/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	

IP 22b Site Inspection Activity Plan

RP 5,8

2

3	1/30/2023	2/3/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation
3	1/30/2023	2/3/2023	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation

Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09

2

3	3/20/2023	3/24/2023	IP 71130.01	000733	Access Authorization
3	3/20/2023	3/24/2023	IP 71130.02	000734	Access Control
3	3/20/2023	3/24/2023	IP 71130.09	001656	Security Plan Changes
3	3/20/2023	3/24/2023	IP 71151	001338	Performance Indicator Verification

EP 2023 Exercise Scenario In-Office Rvw 71114.08 - WAT

4

3	4/16/2023	5/20/2023	IP 71114.08	000723	Exercise Evaluation □ Scenario Review
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EP 2023 Exercise & PI Inspection - WAT

4

3	6/19/2023	6/23/2023	IP 71114.01	000716	Exercise Evaluation
3	6/19/2023	6/23/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes
3	6/19/2023	6/23/2023	IP 71151	001397	Performance Indicator Verification