



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

August 23, 2022

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 05000382/2022005)

Dear Mr. Ferrick:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, 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.

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a “Comprehensive Engineering Team Inspection (CETI)”<sup>1</sup> and three “Focused Engineering Inspections (FEIs)” that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: “Fire Protection Team Inspection,” “Commercial Grade Dedication” and an engineering inspection that reviews age-related degradation and management<sup>2</sup>.

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. While the PHE continues, overall conditions throughout the country support performance of our inspection and oversight activities to return to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-specific conditions and as discussed in our November 2, 2021 memo, “Implementation of Inspection Programs Following Re-Entry from the Public Health Emergency for the Reactor Safety Program” (ML21295A302), it may be necessary to alter how and when we perform our inspection and oversight activities as we balance the importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC’s critical safety mission.

---

<sup>1</sup> Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from attached Report 22.

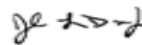
<sup>2</sup> The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

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.

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 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,



Signed by Dixon, John  
on 08/23/22

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

Docket No. 05000382  
License No. NPF-38

Enclosure:  
Inspection Plan

Distribution:

cc w/ encl: Distribution via LISTSERV®

UPDATED INSPECTION PLAN FOR WATERFORD STEAM ELECTRIC STATION – UNIT 3  
(REPORT 05000382/2022005) – DATED AUGUST 23, 2022

**DISTRIBUTION:**

SMorris, ORA  
 JMonninger, ORA  
 RLantz, DORS  
 MHay, DORS  
 DCylkowski, RC  
 LMcKown, RIV/OEDO  
 VDricks, ORA  
 LWilkins, OCA  
 DGalvin, NRR  
 AMoreno, RIV/OCA  
 RAlexander, RSLO  
 JDixon, DORS  
 ASanchez, DORS  
 APatz, DORS  
 DChilds, DORS  
 LReyna, DORS  
 R4-DORS-IPAT  
 R4Enforcement  
 CMiller, DRO, NRR  
 RFelts, DRO, NRR  
 CErlanger, DORL, NRR  
 GSuber, DORL, NRR (Regions I, III, & IV & LLPP)  
 KBrock, DPR, NSIR  
 SAtack, DSO, NSIR  
 DORS Branch Chiefs  
 DRSS Branch Chiefs  
 DRSS Directors  
 Senior Allegations Coordinator  
 JDixon-Herrity, Plant Licensing Branch 4, DORL, NRR  
 ROP Reports  
[ROPAssessment.Resource@nrc.gov](mailto:ROPAssessment.Resource@nrc.gov)

ADAMS ACCESSION NUMBER: **ML22229A536**

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

OFFICE	SPE:DORS/D	BC:DORS/D			
NAME	ASanchezJLD for	JDixon			
DATE	8/23/2022	8/23/2022			

# Site Inspection Activity Plan

## 07200075 - Waterford (ISFSI)

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Waterford ISFSI (Part 72) possible multiple inspection weeks</b>						2
	9/1/2022	10/31/2022	IP 60855	001001	Operation Of An ISFSI	
	9/1/2022	10/31/2022	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	

# Site Inspection Activity Plan

## Waterford

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>W3 2022 3Q Resident Baseline</b>						5
3	7/1/2022	9/30/2022	IP 71151	000746	Performance Indicator Verification	
<b>Waterford 3 Biennial PI&amp;R</b>						4
3	7/3/2022	8/6/2022	IP 71152B	000747	Problem Identification and Resolution	
<b>Security Protective Strategy .05</b>						2
3	8/8/2022	8/12/2022	IP 71130.05	000737	Protective Strategy Evaluation	
<b>Waterford ISFSI inspection (Part 50 Feeder for Resident Quarterly) multiple inspection weeks</b>						2
3	9/1/2022	9/2/2022	IP 60855	001001	Operation Of An ISFSI	
3	9/1/2022	9/2/2022	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	
<b>Target Set Inspection- W3</b>						2
3	9/1/2022	10/7/2022	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>Power-Operated Valves Inspection - 21N - Waterford</b>						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	
<b>W3 2022 4Q Resident Baseline</b>						5
3	10/1/2022	12/31/2022	IP 71151	000746	Performance Indicator Verification	
<b>Security Training/Equip Maint .07 and .04</b>						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	
<b>EP 2022 Program &amp; PI Inspection - WAT</b>						2
3	12/12/2022	12/16/2022	IP 71114.02	000717	Alert and Notification System Testing	
3	12/12/2022	12/16/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
3	12/12/2022	12/16/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
3	12/12/2022	12/16/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
3	12/12/2022	12/16/2022	IP 71151	001397	Performance Indicator Verification	
<b>W3 2023 1Q Resident Baseline</b>						5
3	1/1/2023	3/31/2023	IP 71151	000746	Performance Indicator Verification	
<b>RP 5,8</b>						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	
<b>Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09</b>						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	

# Site Inspection Activity Plan

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	
<b>W3 2023 2Q Resident Baseline</b>						5
3	4/1/2023	6/30/2023	IP 71151	000746	Performance Indicator Verification	
<b>EP 2023 Exercise &amp; PI Inspection - WAT</b>						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	
<b>W3 2023 BRQ</b>						3
3	6/25/2023	7/1/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>W3 2023 3Q Resident Baseline</b>						5
3	7/1/2023	9/30/2023	IP 71151	000746	Performance Indicator Verification	
<b>Security FFD .08</b>						1
3	7/10/2023	7/14/2023	IP 71130.08	000740	Fitness For Duty Program	
<b>Cyber Security Inspection - WAT</b>						4
3	7/24/2023	7/28/2023	IP 71130.10	000741	Cybersecurity	
<b>W3 2023 INITIAL EXAM</b>						5
3	7/23/2023	7/29/2023	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
3	8/20/2023	8/26/2023	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
<b>W3 2023 4Q Resident Baseline</b>						5
3	10/1/2023	12/31/2023	IP 71151	000746	Performance Indicator Verification	
<b>Inservice Inspection - WAT</b>						1
3	10/2/2023	10/13/2023	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,4,PI -</b>						2
3	10/16/2023	10/20/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
3	10/16/2023	10/20/2023	IP 71124.04	000728	Occupational Dose Assessment	
3	10/16/2023	10/20/2023	IP 71151	000746	Performance Indicator Verification	
<b>Comprehensive Engineering Team Inspection - 21M - Waterford</b>						7
3	10/30/2023	11/3/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
3	11/13/2023	11/17/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>Fire Protection Inspection - WF3</b>						3
3	1/22/2024	1/26/2024	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
3	2/5/2024	2/9/2024	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
<b>RP 1,4 PI</b>						2
3	5/6/2024	5/10/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	

# Site Inspection Activity Plan

3	5/6/2024	5/10/2024	IP 71124.04	000728	Occupational Dose Assessment
3	5/6/2024	5/10/2024	IP 71151	000746	Performance Indicator Verification

---