



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

August 18, 2022

Mr. Brad Kapellas, Site Vice President
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

SUBJECT: UPDATED INSPECTION PLAN FOR GRAND GULF NUCLEAR STATION
(Report 05000416/2022005)

Dear Mr. Kapellas:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for Grand Gulf Nuclear Station. The 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 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 Reentry from the PHE 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.

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.

On December 15, 2021, the NRC issued three traditional enforcement violations associated with willfulness, including one Severity Level III and two Severity Level IV violations. The Regional Administrator has previously authorized follow-up inspection to be performed using Inspection

Procedure 92702, "Follow-Up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders," to review your station's actions to address all three violations. This inspection will be scheduled when you notify the NRC of your readiness.

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 817-200-1148 with any questions you have regarding this letter.

Sincerely,



Signed by Josey, Jeffrey
on 08/18/22

Jeffrey E. Josey, Chief
Projects Branch C
Division of Operating Reactor Safety

Docket No. 05000416
License No. NPF-29

Enclosure:
Inspection Plan

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UPDATED INSPECTION PLAN FOR GRAND GULF NUCLEAR STATION (Report 05000416/2022005) DATED AUGUST 18, 2022

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ADAMS ACCESSION NUMBER: **ML22229A097**

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

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|--------|---------------|-----------|--|--|--|
| OFFICE | SPE:DORS/C | BC:DORS/C | | | |
| NAME | HFreeman /RA/ | JJosey | | | |
| DATE | 8/18/2022 | 8/18/2022 | | | |

OFFICIAL RECORD COPY

Site Inspection Activity Plan

07200050 - Grand Gulf (ISFSI)

07/01/2022 - 06/30/2024

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|--|-----------|------------|----------|--------|--|-------------|
| Grand Gulf ISFSI pad Construction inspection (Part 72) | | | | | | 2 |
| | 11/1/2022 | 11/30/2022 | IP 60853 | 000999 | On-Site Fabrication Of Components And Construction On An ISFSI | |
| GG ISFSI Inspection for Transition to Holtec FW System (Part 72) (Few weeks during timeframe) | | | | | | 4 |
| | 7/1/2023 | 8/31/2023 | IP 60854 | 001000 | Preoperational Testing Of An ISFSI | |
| | 7/1/2023 | 8/31/2023 | IP 60855 | 001001 | Operation Of An ISFSI | |
| | 7/1/2023 | 8/31/2023 | IP 60856 | 001003 | Review of 10 CFR 72.212(b) Evaluations | |

Site Inspection Activity Plan

Grand Gulf

07/01/2022 - 06/30/2024

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|------------|------------|-----------------|--------|---|-------------|
| Power-Operated Valves Inspection - 21N - Grand Gulf | | | | | | 3 |
| 1 | 8/15/2022 | 9/2/2022 | IP 71111.21N.02 | 001645 | Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements | |
| GGNS Target Set Inspection | | | | | | 2 |
| 1 | 8/29/2022 | 9/1/2022 | IP 71130.14 | 000743 | Review of Power Reactor Target Sets | |
| GG 2022 INITIAL EXAM | | | | | | 5 |
| 1 | 9/11/2022 | 9/17/2022 | OV | 000956 | FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |
| 1 | 10/9/2022 | 10/15/2022 | EXAD | 000500 | FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD) | |
| Security Protective Strategy .05 | | | | | | 2 |
| 1 | 9/12/2022 | 9/16/2022 | IP 71130.05 | 000737 | Protective Strategy Evaluation | |
| Grand Gulf ISFSI pad construction inspection (Part 50 feeder for Resident Quarterly) (one week in month) | | | | | | 2 |
| 1 | 11/1/2022 | 11/2/2022 | IP 60853 | 000999 | On-Site Fabrication Of Components And Construction On An ISFSI | |
| RP 5,8 - GG | | | | | | 2 |
| 1 | 11/14/2022 | 11/18/2022 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| 1 | 11/14/2022 | 11/18/2022 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation | |
| Security Training/Equip Maint .07 and .04 | | | | | | 2 |
| 1 | 12/12/2022 | 12/16/2022 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| 1 | 12/12/2022 | 12/16/2022 | IP 71130.07 | 000739 | Security Training | |
| Commercial Grade Dedication Inspection - 21N - Grand Gulf | | | | | | 3 |
| 1 | 1/30/2023 | 2/3/2023 | IP 71111.21N.03 | 001808 | Commercial Grade Dedication | |
| 1 | 2/13/2023 | 2/17/2023 | IP 71111.21N.03 | 001808 | Commercial Grade Dedication | |
| RP 6,7 | | | | | | 2 |
| 1 | 2/13/2023 | 2/17/2023 | IP 71124.06 | 000730 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 2/13/2023 | 2/17/2023 | IP 71124.07 | 000731 | Radiological Environmental Monitoring Program | |
| EP 2023 Biennial Exercise & PI Inspection - GG | | | | | | 4 |
| 1 | 3/20/2023 | 3/24/2023 | IP 71114.01 | 000716 | Exercise Evaluation | |
| 1 | 3/20/2023 | 3/24/2023 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes | |
| 1 | 3/20/2023 | 3/24/2023 | IP 71151 | 001397 | Performance Indicator Verification | |
| Security FFD .08 | | | | | | 1 |
| 1 | 3/27/2023 | 3/31/2023 | IP 71130.08 | 000740 | Fitness For Duty Program | |
| Cyber Security Inspection - GG | | | | | | 4 |
| 1 | 3/27/2023 | 3/31/2023 | IP 71130.10 | 000741 | Cybersecurity | |

Site Inspection Activity Plan

| | | | | | | |
|---|------------|------------|-----------------|--------|---|---|
| RP 1,4,PI - | | | | | | 2 |
| 1 | 5/1/2023 | 5/5/2023 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 5/1/2023 | 5/5/2023 | IP 71124.04 | 000728 | Occupational Dose Assessment | |
| MC&A - | | | | | | 1 |
| 1 | 5/1/2023 | 5/5/2023 | IP 71130.11 | 000742 | Material Control and Accounting (MC&A) | |
| GG 2023 BRQ | | | | | | 3 |
| 1 | 8/27/2023 | 9/2/2023 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance | |
| Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09 | | | | | | 2 |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71130.01 | 000733 | Access Authorization | |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71130.02 | 000734 | Access Control | |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71130.09 | 001656 | Security Plan Changes | |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71151 | 001338 | Performance Indicator Verification | |
| GG 2024 INITIAL EXAM 1 | | | | | | 4 |
| 1 | 12/10/2023 | 12/16/2023 | OV | 000956 | FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |
| 1 | 1/21/2024 | 1/27/2024 | EXAD | 000500 | FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD) | |
| Inservice Inspection - GG | | | | | | 1 |
| 1 | 3/11/2024 | 3/15/2024 | IP 71111.08G | 000701 | Inservice Inspection Activities (BWR) | |
| RP 1,3,PI | | | | | | 2 |
| 1 | 3/11/2024 | 3/15/2024 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 3/11/2024 | 3/15/2024 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| Fire Protection Inspection - GG | | | | | | 3 |
| 1 | 4/1/2024 | 4/5/2024 | IP 71111.21N.05 | 001646 | Fire Protection Team Inspection (FPTI) | |
| 1 | 4/15/2024 | 4/19/2024 | IP 71111.21N.05 | 001646 | Fire Protection Team Inspection (FPTI) | |
| GG 2024 PI&R Inspection | | | | | | 4 |
| 1 | 4/29/2024 | 5/17/2024 | IP 71152B | 000747 | Problem Identification and Resolution | |
| EP Program & PI Inspection (2024) - GG | | | | | | 1 |
| 1 | 6/17/2024 | 6/21/2024 | IP 71114.02 | 000717 | Alert and Notification System Testing | |
| 1 | 6/17/2024 | 6/21/2024 | IP 71114.03 | 000718 | Emergency Response Organization Staffing and Augmentation System | |
| 1 | 6/17/2024 | 6/21/2024 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes | |
| 1 | 6/17/2024 | 6/21/2024 | IP 71114.05 | 000720 | Maintenance of Emergency Preparedness | |
| 1 | 6/17/2024 | 6/21/2024 | IP 71151 | 001397 | Performance Indicator Verification | |