



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

September 1, 2021

Mr. Robert Franssen, 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 05000416/2021005)

Dear Mr. Franssen:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for Grand Gulf Nuclear Station. 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.

Inspection procedure (IP) 71111.21N.03 is included in the plan as a placeholder for your next Design Basis Assurance Inspection (Programs). The NRC is still determining the specific technical area to replace the previously performed power-operated valves programs inspection, IP 71111.21N.02. Once the inspection focus area has been determined, an inspection procedure will be issued publicly at least six months prior to the start of this inspection.

In response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules 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 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 as needed. This review is conducted in accordance with guidance contained in the February 1, 2021, memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (Agencywide Documents Access and Management System (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 to ensure the health and safety of both NRC and licensee staff while fulfilling 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

modifications needed due to changing conditions during the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff to coordinate inspection planning and scheduling.

As a result of the NRC's current assessment of the safety performance of the Grand Gulf Nuclear Station as being in the Degraded Performance column (Column 3) of the NRC's ROP Action Matrix, we are conducting a supplemental inspection at your facility in accordance with Inspection Procedure 95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area." The NRC will continue to coordinate with Entergy regarding this inspection, which is currently in progress.

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 the Grand Gulf Nuclear Station. I have approved the staff's plan to conduct a follow-up inspection of Entergy's implementation of actions required by the Confirmatory Order actions in accordance with Inspection Procedure 92702, "Follow-up 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.

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.

In accordance with Title 10 of the *Code of Federal Regulations* (10 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 Mr. Jason Kozal at 817-200-1144 with any questions you have regarding this letter.

Sincerely,

Scott A. Morris
Regional Administrator

Docket No. 05000416
License No. NPF-29

Enclosure:
Inspection Plan

cc w/ encl: Distribution via LISTSERV®

UPDATED INSPECTION PLAN FOR GRAND GULF NUCLEAR STATION (REPORT 05000416/2021005) – DATED SEPTEMBER 1, 2021

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ADAMS ACCESSION NUMBER: ML21232A225

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

OFFICE	DRP	DRP:BC	RIV:RA		
NAME	CYoung	JKozal	SMorris		
DATE	08/19/21	09/01/21	09/01/21		

OFFICIAL RECORD COPY

IP 22b Site Inspection Activity Plan

07200050 - Grand Gulf (ISFSI)

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Grand Gulf ISFSI Loading Inspection (1 week in October)						2
1	9/6/2021	9/30/2021	IP 60855	001001	Operation Of An ISFSI	

IP 22b Site Inspection Activity Plan

Grand Gulf

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
GG 2021 BRQ						3
1	8/8/2021	8/21/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
1	8/15/2021	8/21/2021	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	8/15/2021	8/21/2021	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
Grand Gulf 95002 Inspection						3
1	8/23/2021	9/3/2021	IP 95002	000939	Supplemental Inspection Response to Action Matrix Column 3 (Degraded Performance) Inputs	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - GG						6
1	11/1/2021	11/5/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	12/13/2021	12/17/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Heat Sink Performance 07T - Grand Gulf						2
1	12/6/2021	12/10/2021	IP 71111.07T	000700	Heat Sink Performance	
Inservice Inspection RF23 - GG						1
1	2/26/2022	3/8/2022	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
License Renewal Inspection 71003 (Phase 1) - GG						2
1	3/7/2022	3/11/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
RP 1,2,PI						2
1	3/7/2022	3/11/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	3/7/2022	3/11/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Security Access Control .02						1
1	4/4/2022	4/8/2022	IP 71130.02	000734	Access Control	
1	4/4/2022	4/8/2022	IP 71130.09	001656	Security Plan Changes	
1	4/4/2022	4/8/2022	IP 71151	001338	Performance Indicator Verification	
Grand Gulf 2022 Biennial PI&R						4
1	4/25/2022	4/29/2022	IP 71152B	000747	Problem Identification and Resolution	
1	5/9/2022	5/13/2022	IP 71152B	000747	Problem Identification and Resolution	
EP 2022 Program & PI Inspection - GG						1
1	6/20/2022	6/24/2022	IP 71114.02	000717	Alert and Notification System Testing	
1	6/20/2022	6/24/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	6/20/2022	6/24/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	6/20/2022	6/24/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	6/20/2022	6/24/2022	IP 71151	001397	Performance Indicator Verification	

IP 22b Site Inspection Activity Plan

Security Training/Equip Maint .07 and .04						2
1	7/25/2022	7/29/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	7/25/2022	7/29/2022	IP 71130.07	000739	Security Training	
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	
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	
RP 5,8						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	
Design Bases Assurance Inspection (Team) - 21M - Grand Gulf						6
1	1/1/2023	6/30/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
EP 2023 Exercise In-Office Scenario Rvw 71114.08 - GG						4
1	1/15/2023	2/18/2023	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
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, 2	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 71130.10P	000741	Cyber Security	
RP 1,3,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 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
MC&A						1
1	5/1/2023	5/5/2023	IP 71130.11	000742	Material Control and Accounting (MC&A)	