



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415

August 29, 2024

David P. Rhoades
Senior Vice President
Constellation Energy Generation, LLC
President and Chief Nuclear Officer (CNO)
Constellation Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: UPDATED INSPECTION PLAN FOR NINE MILE POINT NUCLEAR STATION,
UNITS 1 AND 2 (REPORT 05000220/2024005 AND 05000410/2024005)**

Dear David Rhoades:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, for Nine Mile Point Nuclear Station, Units 1 and 2. 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 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.

As noted in the attached inspection plan, in addition to baseline inspections, the NRC will implement Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," Phase 1 and 2, at Nine Mile Point Nuclear Station, Unit 2.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at (610) 337-5120 with any questions you have regarding this letter.

Sincerely,

Erin E. Carfang, Chief
Projects Branch 1
Division of Operating Reactor Safety

Docket Nos. 05000220 and 05000410
License Nos. DPR-63 and NPF-69

Enclosure:
Nine Mile Point Inspection Plan

cc w/encl: Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 (REPORT 05000220/2024005 AND 05000410/2024005) DATED AUGUST 29, 2024

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- DORS Specialist Branch Chiefs
- DRSS Reactor Branch Chiefs
- DTiftt, RI, SLO
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- ROPassessment Resource

DOCUMENT NAME: <https://usnrc.sharepoint.com/teams/ROPAssessmentMeetings/Shared Documents/ROP-25 Second Quarter Process/Branch 1/ROP-25 Region I Inspection Plan Transmittal Letter NMP.docx>
ADAMS Accession No. ML24240A177

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DORS	RI/DORS			
NAME	MHardgrove	ECarfang			
DATE	8/26/24	8/26/24			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

Nine Mile Point

07/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
EP Program Inspection - NMP						1
1,2	8/5/2024	8/9/2024	IP 71114.02	000717	Alert and Notification System Testing	
1,2	8/5/2024	8/9/2024	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	8/5/2024	8/9/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	8/5/2024	8/9/2024	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	8/5/2024	8/9/2024	IP 71151	001397	Performance Indicator Verification	
2024 NMP1 Initial License Examination						4
1	7/14/2024	7/20/2024	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	8/11/2024	8/17/2024	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
RP 71124.07 REMP						1
1,2	8/12/2024	8/16/2024	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Material Control and Accounting - Nine Mile Point						1
1,2	8/19/2024	8/23/2024	IP 71130.11	000742	Material Control and Accounting (MC&A)	
NMP1 Requal Insp with P/F Results						1
1	10/27/2024	11/2/2024	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Access Authorization, FFD - NMP						2
1,2	2/3/2025	2/7/2025	IP 71130.01	000733	Access Authorization	
1,2	2/3/2025	2/7/2025	IP 71130.08	000740	Fitness-For-Duty Program	
1,2	2/3/2025	2/7/2025	IP 71153	001341	Follow Up of Events and Notices of Enforcement Discretion	
1,2	2/10/2025	2/14/2025	IP 71130.01	000733	Access Authorization	
1,2	2/10/2025	2/14/2025	IP 71130.08	000740	Fitness-For-Duty Program	
2025 NMP2 Initial License Examination						4
2	2/3/2025	2/7/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
2	3/3/2025	3/7/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
Inservice Inspection - Nine Mile Point Unit 1						1
1	3/3/2025	3/7/2025	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP 71124.01 Rad Hazards and 71124.03 AIRBORNE						2
1,2	3/10/2025	3/14/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	3/10/2025	3/14/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
RP - 71124.03 Airborne and 71124.04 Dose						1
1,2	4/7/2025	4/11/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	4/7/2025	4/11/2025	IP 71124.04	000728	Occupational Dose Assessment	

Site Inspection Activity Plan

RP 71124.05 Instrumentation						1
1,2	5/12/2025	5/16/2025	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Cyber Security - Nine Mile Point						4
1,2	5/19/2025	5/23/2025	IP 71130.10	000741	Cybersecurity	
Fire Protection - Nine Mile Point						3
1,2	7/14/2025	7/18/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1,2	7/28/2025	8/1/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
RP 71124.06 RETS						1
1,2	7/14/2025	7/18/2025	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
EP Exercise Inspection - Nine Mile Point						5
1,2	10/6/2025	10/10/2025	IP 71114.01	000716	Exercise Evaluation	
1,2	10/6/2025	10/10/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	10/6/2025	10/10/2025	IP 71151	001397	Performance Indicator Verification	
NMP2 Requal Inspection with P/F Results						2
2	10/20/2025	10/24/2025	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
2	10/20/2025	10/24/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RP 71124.08 RadWaste						1
1,2	10/20/2025	10/24/2025	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
PI&R Biennial Team Inspection - Nine Mile Point						4
1,2	10/20/2025	10/24/2025	IP 71152B	000747	Problem Identification and Resolution	
1,2	11/3/2025	11/7/2025	IP 71152B	000747	Problem Identification and Resolution	
Access Control, Maintenance, Sec Trng, SPR, PIs - NMP						3
1,2	10/27/2025	10/31/2025	IP 71130.02	000734	Access Control	
1,2	10/27/2025	10/31/2025	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	10/27/2025	10/31/2025	IP 71130.07	000739	Security Training	
1,2	10/27/2025	10/31/2025	IP 71130.09	001656	Security Plan Changes	
1,2	10/27/2025	10/31/2025	IP 71151	001338	Performance Indicator Verification	
2026 NMP1 Initial Operator Licensing Exam						4
1	12/15/2025	12/19/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	1/12/2026	1/16/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
2026 NMP2 Initial Operator Licensing Exam						4
2	1/5/2026	1/9/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
2	2/9/2026	2/13/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
License Renewal Phase 1 - Nine Mile Point Unit 2						1

Site Inspection Activity Plan

2	3/16/2026	3/27/2026	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Inservice Inspection - Nine Mile Point Unit 2						1
2	3/16/2026	3/20/2026	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP - 71124.01 Rad Hazards						1
2	3/16/2026	3/20/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Sec - Access Control, Equipment Testing and Maintenance, Training, SPR, PI Verification - NMP						3
1,2	4/20/2026	4/24/2026	IP 71130.02	000734	Access Control	
1,2	4/20/2026	4/24/2026	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	4/20/2026	4/24/2026	IP 71130.07	000739	Security Training	
1,2	4/20/2026	4/24/2026	IP 71130.09	001656	Security Plan Changes	
1,2	4/20/2026	4/24/2026	IP 71151	001338	Performance Indicator Verification	
License Renewal Phase 2 - Nine Mile Point Unit 2						5
2	6/8/2026	6/12/2026	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
2	6/22/2026	6/26/2026	IP 71003	000687	Post-Approval Site Inspection for License Renewal	