



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
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KING OF PRUSSIA, PENNSYLVANIA 19406-1415

January 23, 2023

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: NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 – INTEGRATED
INSPECTION REPORT 05000220/2022004 AND 05000410/2022004

Dear David Rhoades:

On December 31, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Nine Mile Point Nuclear Station, Units 1 and 2. On January 20, 2023, the NRC inspectors discussed the results of this inspection with Alexander Sterio, Plant Manager, and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) 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* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

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:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 – INTEGRATED INSPECTION REPORT 05000220/2022004 AND 05000410/2022004 DATED JANUARY 23, 2023

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 05000220 and 05000410

License Numbers: DPR-63 and NPF-69

Report Numbers: 05000220/2022004 and 05000410/2022004

Enterprise Identifier: I-2022-004-0036

Licensee: Constellation Energy Generation, LLC

Facility: Nine Mile Point Nuclear Station

Location: Oswego, NY

Inspection Dates: October 1, 2022 to December 31, 2022

Inspectors: G. Stock, Senior Resident Inspector
C. Kline, Resident Inspector
B. Sienel, Resident Inspector
T. Fish, Senior Operations Engineer
S. Haney, Senior Project Engineer
K. Murphy, Operations Engineer
P. Ott, Operations Engineer
S. Wilson, Senior Health Physicist

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

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an integrated inspection at Nine Mile Point Nuclear Station, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

Type	Issue Number	Title	Report Section	Status
LER	05000410/2022-002-00	Reactor Protection System Actuation While Shutdown	71153	Closed
LER	05000410/2022-002-01	Reactor Protection System Actuation While Shutdown	71153	Closed

PLANT STATUS

Unit 1 began the inspection period at rated thermal power. On November 5, 2022, the unit was downpowered to 90 percent to secure reactor recirculation motor-generator set 14 and conduct a load line adjustment. The unit was returned to rated thermal power on November 6, 2022. On November 8, 2022, the unit was downpowered to 70 percent to restore reactor recirculation motor-generator set 14 and conduct a rod pattern adjustment. The unit was returned to rated thermal power on November 9, 2022. On December 2, 2022, the unit was downpowered to 92 percent for a load line adjustment. The unit was returned to rated thermal power on December 3, 2022. On December 20, 2022, the unit was downpowered to 70 percent to conduct a rod pattern and load line adjustment. The unit returned to rated thermal power on December 21, 2022 and remained at or near rated thermal power for the remainder of the inspection period.

Unit 2 began the inspection period at rated thermal power. On November 18, 2022, the unit was downpowered to 78 percent for control rod sequence exchange. The unit returned to rated thermal power on November 19, 2022 and remained at or near rated thermal power for the remainder of the inspection period.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." The inspectors performed activities described in IMC 2515, Appendix D, "Plant Status," observed risk-significant activities, and completed on-site portions of IPs. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

REACTOR SAFETY

71111.01 - Adverse Weather Protection

Seasonal Extreme Weather (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated readiness for seasonal extreme weather conditions prior to the onset of seasonal cold temperatures for the following systems:
 - Unit 1 125 volts direct current power distribution system on December 5, 2022
 - Unit 2 control room ventilation on December 5, 2022

Impending Severe Weather (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated the adequacy of the overall preparations to protect risk-significant systems from impending severe weather for a lake effect snow warning on November 17, 2022.

71111.04 - Equipment Alignment

Partial Walkdown (IP Section 03.01) (2 Samples)

The inspectors evaluated system configurations during partial walkdowns of the following systems/trains:

- (1) Unit 2 Division I diesel generator on October 31, 2022
- (2) Unit 1 111 containment spray on November 10, 2022

Complete Walkdown (IP Section 03.02) (1 Sample)

- (1) Unit 1 125 volts direct current power distribution system on October 21, 2022

71111.05 - Fire Protection

Fire Area Walkdown and Inspection (IP Section 03.01) (5 Samples)

The inspectors evaluated the implementation of the fire protection program by conducting a walkdown and performing a review to verify program compliance, equipment functionality, material condition, and operational readiness of the following fire areas:

- (1) Unit 2 reactor building 240' south, fire area 3, on October 5, 2022
- (2) Unit 2 control building 237', Division II cable spreading room, fire area 19, on October 12, 2022
- (3) Unit 2 control building 237', Division I cable spreading room, fire area 17, on October 12, 2022
- (4) Unit 2 diesel generator building 261', high pressure core spray diesel generator room, fire area 30, on November 15 through 18, 2022
- (5) Unit 1 turbine building 261' north center, fire area 9, on December 2, 2022

71111.06 - Flood Protection Measures

Inspection Activities - Internal Flooding (IP Section 03.01) (2 Samples)

The inspectors evaluated internal flooding mitigation protections in the:

- (1) Unit 1 reactor building southeast corner room on December 12, 2022
- (2) Unit 2 reactor building 240' north auxiliary bay on December 12, 2022

71111.11A - Licensed Operator Requalification Program and Licensed Operator Performance

Requalification Examination Results (IP Section 03.03) (2 Samples)

- (1) The inspectors reviewed and evaluated the licensed operator examination failure rates for the Unit 1 requalification annual operating exams administered October through November 2022.
- (2) The inspectors reviewed and evaluated the Unit 2 licensed operator annual requalification results for the annual operating exams completed on December 2, 2022.

71111.11B - Licensed Operator Requalification Program and Licensed Operator Performance

Licensed Operator Requalification Program (IP Section 03.04) (1 Sample)

(1) Biennial Requalification Written Examinations

The inspectors evaluated the quality of the Unit 1 biennial requalification written examinations administered October through November, 2022.

Annual Requalification Operating Tests

The inspectors evaluated the adequacy of the Unit 1 annual requalification operating test administered November 14 through 18, 2022.

Administration of an Annual Requalification Operating Test

The inspectors evaluated the effectiveness of the facility licensee in administering requalification operating tests required by 10 CFR 55.59(a)(2) and that the facility licensee is effectively evaluating their licensed operators for mastery of training objectives.

Requalification Examination Security

The inspectors evaluated the ability of the facility licensee to safeguard examination material, such that the examination is not compromised.

Remedial Training and Re-examinations

The inspectors evaluated the effectiveness of remedial training conducted by the licensee, and reviewed the adequacy of re-examinations for licensed operators who did not pass a required requalification examination.

Operator License Conditions

The inspectors evaluated the licensee's program for ensuring that licensed operators meet the conditions of their licenses.

Control Room Simulator

The inspectors evaluated the adequacy of the facility licensee's control room simulator in modeling the actual plant, and for meeting the requirements contained in 10 CFR 55.46.

Problem Identification and Resolution

The inspectors evaluated the licensee's ability to identify and resolve problems associated with licensed operator performance.

71111.11Q - Licensed Operator Regualification Program and Licensed Operator Performance
Licensed Operator Performance in the Actual Plant/Main Control Room (IP Section 03.01)
(2 Samples)

- (1) The inspectors observed and evaluated licensed operator performance in the control room during a downpower to 90 percent to remove the reactor recirculation motor-generator set 14 from service and perform a control rod pattern adjustment on November 5, 2022.
- (2) The inspectors observed Unit 2 operations personnel during restoration from low pressure core spray maintenance and a standby liquid control surveillance on December 21, 2022.

Licensed Operator Regualification Training/Examinations (IP Section 03.02) (2 Samples)

- (1) The inspectors observed a Unit 1 annual simulator examination that included a control rod drive pump trip, a loss of offsite power, a reactor scram, and a stuck open electromatic relief valve on November 8, 2022.
- (2) The inspectors observed a Unit 2 annual simulator evaluation that included a degrading condenser vacuum, a failure in the digital feedwater level control system, a trip of a reactor building closed loop cooling pump, a reactor core isolation cooling (RCIC) steam leak inside the RCIC pump room, and a high power anticipated transient without scram resulting in an Alert declaration on November 9, 2022.

71111.12 - Maintenance Effectiveness

Maintenance Effectiveness (IP Section 03.01) (4 Samples)

The inspectors evaluated the effectiveness of maintenance to ensure the following structures, systems, and components remain capable of performing their intended functions:

- (1) Unit 2 source range monitors
- (2) Unit 2 main steam isolation valves
- (3) Unit 1 average power range monitors
- (4) Unit 2 reactor core isolation cooling

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management (IP Section 03.01) (3 Samples)

The inspectors evaluated the accuracy and completeness of risk assessments for the following planned and emergent work activities to ensure configuration changes and appropriate work controls were addressed:

- (1) Unit 2 elevated risk during Division I residual heat removal scheduled outage window on October 18, 2022
- (2) Unit 1 elevated risk during planned 11 high pressure coolant injection maintenance window on October 20, 2022
- (3) Unit 2 elevated risk during planned high pressure core spray relay testing on October 24, 2022

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 03.01) (3 Samples)

The inspectors evaluated the licensee's justifications and actions associated with the following operability determinations and functionality assessments:

- (1) Unit 1 emergency diesel generator 102 following circulating oil pump trip on October 10, 2022
- (2) Unit 2 diesel driven fire pump due to jacket water leak on October 17, 2022
- (3) Unit 2 high pressure core spray pump due to differential pressure below acceptance criteria on November 1, 2022

71111.18 - Plant Modifications

Temporary Modifications and/or Permanent Modifications (IP Section 03.01 and/or 03.02) (2 Samples)

The inspectors evaluated the following temporary or permanent modifications:

- (1) Permanent Modification - ECP-19-000052, Unit 2 Standby Liquid Control System Test Flow Indicator
- (2) Permanent Modification - ECP-20-000069, Replace Unit 1 Drywell Continuous Airborne Monitors

71111.19 - Post-Maintenance Testing

Post-Maintenance Test (IP Section 03.01) (6 Samples)

The inspectors evaluated the following post-maintenance testing activities to verify system operability and/or functionality:

- (1) Unit 2 'A' residual heat removal following scheduled outage window on October 19, 2022
- (2) Unit 1 core spray 111 following outboard isolation valve breaker replacement on October 21, 2022
- (3) Unit 1 emergency diesel generator 102 following system outage window on October 24, 2022
- (4) Unit 2 high pressure core spray following system outage window on October 27, 2022
- (5) Unit 2 Division II emergency diesel generator following scheduled outage window on November 4, 2022
- (6) Unit 2 reactor coolant system following 'A' recirculation pump seal replacement on November 15, 2022

71111.22 - Surveillance Testing

The inspectors evaluated the following surveillance testing activities to verify system operability and/or functionality:

Surveillance Tests (other) (IP Section 03.01) (3 Samples)

- (1) N1-ST-Q3, High Pressure Coolant Injection Pump and Check Valve Operability Test on October 27, 2022
- (2) N2-OSP-EGS-R002, Operating Cycle Diesel Generator 24 Hour Run Division I and Division II, on November 16, 2022
- (3) N1-ISP-036-004, Low-Low Reactor Level Instrument Trip Channel Test/Calibration, on November 30, 2022

RADIATION SAFETY

71124.04 - Occupational Dose Assessment

Internal Dosimetry (IP Section 03.03) (1 Sample)

The inspectors evaluated the following internal dose assessments:

- (1) Internal dose assessment associated with ingestion investigation for individual working on the Unit 2 refuel floor. Investigation commenced on March 13, 2022 (Issue Report (IR) 04484571).

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicator submittals listed below:

MS08: Heat Removal Systems (IP Section 02.07) (2 Samples)

- (1) Unit 1 (October 1, 2021 through September 30, 2022)
- (2) Unit 2 (October 1, 2021 through September 30, 2022)

MS09: Residual Heat Removal Systems (IP Section 02.08) (2 Samples)

- (1) Unit 1 (October 1, 2021 through September 30, 2022)
- (2) Unit 2 (October 1, 2021 through September 30, 2022)

MS10: Cooling Water Support Systems (IP Section 02.09) (2 Samples)

- (1) Unit 1 (October 1, 2021 through September 30, 2022)
- (2) Unit 2 (October 1, 2021 through September 30, 2022)

OR01: Occupational Exposure Control Effectiveness (IP Section 02.15) (1 Sample)

- (1) July 1, 2021 through September 30, 2022

PR01: Radiological Effluent Technical Specifications/Offsite Dose Calculation Manual Radiological Effluent Occurrences (RETS/ODCM) Radiological Effluent Occurrences (IP Section 02.16) (1 Sample)

- (1) July 1, 2021 through September 30, 2022

71152A - Annual Follow-up Problem Identification and Resolution

Annual Follow-up of Selected Issues (Section 03.03) (3 Samples)

The inspectors reviewed the licensee's implementation of its corrective action program related to the following issues:

- (1) IR 04481795 - Unit 2 Service Water Pump 'B' (2SWP*P1B) Failure to Start
- (2) IR 04435353 - Evaluation of Nine Mile Point Operator Work-Around Program
- (3) IR 04520704 - Unit 2 Reactor Pressure Vessel Low Water Level During Plant Cooldown

71152S - Semiannual Trend Problem Identification and Resolution

Semiannual Trend Review (Section 03.02) (1 Sample)

- (1) The inspectors reviewed the licensee's corrective action program for potential adverse trends that might be indicative of a more significant safety issue.

71153 - Follow-up of Events and Notices of Enforcement Discretion

Event Report (IP Section 03.02) (1 Sample)

The inspectors evaluated the following licensee event reports (LERs):

- (1) LER 05000410/2022-002-00 and LER 05000410/2022-002-01, Reactor Protection System Actuation While Shutdown (ADAMS Accession Nos. ML22312A003 and ML22362A073, respectively). The inspection conclusions associated with these LERs are documented in this report under Inspection Results.

INSPECTION RESULTS

Minor Violation	71152A
<p>Minor Violation: On September 4, 2022, Unit 2 entered hot shutdown to commence a maintenance outage due to degrading 'A' reactor recirculation pump seal leakage. During the reactor cooldown, reactor water level lowered to Level 3 which actuates the reactor protection system (RPS) and a SCRAM signal. At the time of the actuation and SCRAM signal, all control rods were fully inserted and isolations caused by a SCRAM signal, Groups 4 and 5, were already complete, so no equipment changed state as a result of the SCRAM signal. Constellation initiated Issue Report 04520704 and performed a corrective action program evaluation due to the event. The cause identified was a lack of procedural guidance in N2-SOP-101C, "Reactor SCRAM," in that the procedure did not direct the operator responsible for plant cooldown to the appropriate procedure detail. This resulted in a rapid opening and closure of the bypass valves that complicated level control, resulting in the Level 3 and RPS actuation.</p> <p>The inspectors reviewed Constellation's corrective action program evaluation regarding the Level 3 and RPS actuation. This included the associated procedures, corrective actions, and extent of condition. Constellation's failure to provide an adequate procedure for plant cooldown following a SCRAM is a performance deficiency.</p>	

This review closes LERs 05000410/2022-002-00 and 05000410/2022-002-01.

Screening: The inspectors determined the performance deficiency was minor. The inspectors evaluated the inadequate procedure for significance in accordance with the guidance in IMC 0612, Appendix B, "Issue Screening" and Appendix E, "Examples of Minor Issues." The performance deficiency was minor because it did not adversely impact a cornerstone objective.

Enforcement: This failure to comply with 10 CFR Part 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings," constitutes a minor violation that is not subject to enforcement action in accordance with the NRC's Enforcement Policy.

Observation: IR 04435353 - Evaluation of Nine Mile Point Operator Work-Around Program	71152A
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In inspection report 05000220/2021002 the inspectors identified a minor performance deficiency associated with Nine Mile Point's application of the Operator Work-Around Program. IR 04435353 was originated on July 16, 2021 to document benchmarking the Constellation fleet on the operator work-around classification process based on inspector concerns. The benchmark determined that Nine Mile Point's interpretation of the definition of an operator work-around was different than the rest of the Constellation fleet. The benchmark found that peers interpret any deficiency on equipment used in emergency or abnormal operating procedures - no matter how long additional operator actions may take - as an operator work-around. As a result, two conditions were reclassified as an operator work-arounds (IR 04277608 and IR 04409500).

Inspectors reviewed equipment deficiencies that met the criteria for consideration under procedure OP-AA-102-103, "Operator Work-Around Program," as an operator work-around or an Operator Challenge. Operator Work-Around Program guidance grants wide latitude in final classification of specific deficiencies as work-arounds or challenges, however one equipment deficiency was identified as likely worth consideration by the Work-Around Board. On April 10, 2022, control rod drive supply header flow controller 2RDS-FC-107 was placed in manual to correct flow oscillations that occurred when the system was placed in automatic (IR 04491945). This flow controller, under normal operations, operates in automatic, however, manual control is a proceduralized mode of operation. This condition is consistent with at least one criterion for consideration as an Operator Challenge in accordance with Section 2.2.1 of OP-AA102-103 and previous benchmark interpretations. Following inspector questioning, Nine Mile Point staff reviewed the issue during the quarterly operator work-around meeting and determined that the condition did not require designation as an Operator Work-Around or Operator Challenge.

Observation: IR 04481795 - Unit 2 Service Water Pump 'B' Failure to Start	71152A
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The inspectors reviewed Constellation's corrective actions regarding the failure of the 'B' service water pump failure to start during performance of N2-OSP-SWP-Q004, "Division II Service Water Operability Test," Section 6.1, on March 2, 2022. Constellation declared the pump inoperable, and removed its circuit breaker from service. The circuit breaker auxiliary switch was identified to have high resistance. Constellation burnished the contacts to reduce the contact resistance, and returned the pump to operable. Constellation generated IR 04481795 and performed a work group evaluation that determined the likely cause of the 2SWP*P1B failure was high contact resistance on an auxiliary switch contact internal to the pump's circuit breaker. The circuit breaker was installed following refurbishment in June 2021

during which a satisfactory resistance check of the auxiliary switch was performed.

The inspectors reviewed Constellation's IR, breaker preventive maintenance procedure, work orders, preventive maintenance history, and applicable engineering and corrective action program procedures to assess Constellation's conclusions and corrective actions.

Observation: Semi-Annual Trend Review

71152S

The inspectors evaluated a sample of issues and events that occurred from July 2022 through December 2022 to determine whether issues were appropriately considered as emerging or adverse trends. The inspectors verified issues were appropriately evaluated by Constellation staff for potential trends and addressed within the scope of the corrective action program or through department review.

The inspectors did not identify any new trends that could indicate a more significant safety issue. Constellation noted a decreasing trend in the Unit 2 'A' recirculating pump upper seal pressure as documented in Issue Reports 04509732 and 04520600. A maintenance outage was subsequently conducted to replace the seal in September 2022. The inspectors also noted other minor potential adverse trends identified by Constellation including Unit 1 card reader errors, Unit 2 instrument air line breaks in feedwater and condensate systems, and Unit 1 intermediate range monitor undervessel connection issues.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On December 8, 2022, the inspectors presented the radiation protection performance indicator verification inspection results to Joseph Garcia, Senior Manager, Site Radiation Protection, and other members of the licensee staff.
- On January 20, 2023, the inspectors presented the integrated inspection results to Alexander Sterio, Plant Manager, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.01	Corrective Action Documents Resulting from Inspection	04540975		
71111.01	Procedures	N1-OP-64	Meteorological Monitoring	02100
71111.01	Procedures	N2-OP-102	Meteorological Monitoring	02800
71111.01	Procedures	OP-AA-108-111-1001	Severe Weather and Natural Disaster Guidelines	24
71111.01	Work Orders	C92028587		
71111.01	Work Orders	C92028834		
71111.01	Work Orders	C93797410		
71111.01	Work Orders	C93801639		
71111.04	Corrective Action Documents	04370026		
71111.04	Corrective Action Documents	04413071		
71111.04	Corrective Action Documents	04427094		
71111.04	Corrective Action Documents	04434108		
71111.04	Corrective Action Documents	04442230		
71111.04	Corrective Action Documents Resulting from Inspection	04531279		
71111.04	Drawings	C-18012-C-001	Reactor Containment Spray Raw Water System P & I Diagram	26
71111.04	Drawings	C-18012-C-002	Reactor Containment Spray System P & I Diagram	47
71111.04	Drawings	C-19839-C	One line diagram 125 VDC Control Bus	17
71111.04	Miscellaneous	SDBD-806	125 VDC Electrical Distribution System	7
71111.04	Procedures	N1-EPM-SB-A264	24/48 VDC and 125 VDC Battery Cell Visual Inspection and Rack Integrity Check	00401

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.04	Procedures	N1-ESP-SB-275	125 VDC Battery Cell Surveillance	01500
71111.04	Procedures	N1-OP-47A	125 VDC Power System	03200
71111.04	Procedures	N1-PM-S1	Operator's Rounds Guide	03800
71111.04	Procedures	N2-OP-100A-Lineups	Standby Diesel Generators - Lineups	00600
71111.04	Work Orders	C9362607		
71111.04	Work Orders	C93777231		
71111.05	Drawings	PID-43B	Piping and Instrumentation Diagram Fire Protection - Water	26
71111.05	Drawings	PID-43E	Piping and Instrumentation Diagram Fire Protection - Water	26
71111.05	Drawings	PID-43F	Piping and Instrumentation Diagram Fire Protection - Water	21
71111.05	Fire Plans	N1-PFP-0101	Unit 1 Pre-Fire Plans	00700
71111.05	Fire Plans	N2-FPI-PFP-0201	Unit 2 Pre-Fire Plans	00700
71111.06	Drawings	PID-63 A-E	Reactor Building Equipment and Floor Drains	
71111.06	Miscellaneous		Nine Mile Point Unit 1 Individual Plant Evaluation	07/1993
71111.06	Procedures	N2-OP-63	Reactor Building Drains	4
71111.11Q	Procedures	N2-OSP-CSL-Q@002	LPCS Pump and Valve Operability and System Integrity Test	01500
71111.11Q	Procedures	N2-OSP-SLS-Q001	Standby Liquid Control Pump, Check Valve, Relief Valve Operability Test and ASME XI Pressure Test	02400
71111.12	Corrective Action Documents	04447270		
71111.12	Corrective Action Documents	04459510		
71111.12	Corrective Action Documents	04466406		
71111.12	Corrective Action Documents	04483059		
71111.12	Corrective Action Documents	04487461		
71111.12	Corrective Action Documents	04522580		
71111.12	Miscellaneous		Unit 2 Main Steam Maintenance Rule Basis Document	
71111.12	Miscellaneous		Unit 2 Main Steam Health Group Issue Action Plan for IR 04483059	07/19/2022
71111.12	Procedures	N1-ISP-092-348	Local Power Range Monitoring (LPRM) Calibration Channel	00500

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			18	
71111.12	Procedures	N2-OSP-ICS-Q@002	RCIC Pump and Valve Operability Test and System Integrity Test and ASME XI Functional Test	01700
71111.13	Procedures	OP-AA-108-117	Protected Equipment Program	007
71111.13	Procedures	OP-NM-108-117	Protected Equipment Program at Nine Mile Point	00500
71111.15	Corrective Action Documents	04529415		
71111.15	Corrective Action Documents	04532840		
71111.15	Procedures	M2-0006	Inservice Testing Program Plan, Pump Curves and Acceptance Criteria	17
71111.15	Procedures	N1-OP-45	Emergency Diesel Generators	05100
71111.15	Procedures	N2-OSP-CSH-Q@002	HPCS Pump and Valve Operability and System Integrity Test	01100
71111.15	Procedures	N2-OSP-FOF-M001	Engine Driven Fire Pump Operability & Storage Tank Level Test	00600
71111.18	Engineering Changes	ECP-19-000052	Unit 2 Standby Liquid Control (SLS) Permanently Installed Flow Metering	0
71111.18	Engineering Changes	ECP-19-000052-001-CN-002	Update to Calculation Z400-8LPA-0479 Due to New Flow Meter 2SLS-FE114 and Valve 2SLS*V171	1
71111.18	Engineering Changes	ECP-19-000052-CN-005	Small Bore Piping and Instrument Tubing Support Qualification for Support No. 2-SLS-15-PSR-02-C-2, 2-SLS-19-PSR-01-C-4, 2-SLS-17-PSR-04-C-2	0
71111.18	Engineering Changes	ECP-20-000069	NMP Unit 1 Drywell Continuous Airborne Monitor (DW CAM)	0
71111.18	Procedures	N1-OP-9	N2 Inerting and H2O2 Monitoring Systems	05600
71111.19	Corrective Action Documents	04532853		
71111.19	Procedures	N1-EPM-GEN-182	Motor Control Center (7700 Line) Inspection	02300
71111.19	Procedures	N1-EPM-GEN-183	Molded Case Circuit Breaker Inspection	00800
71111.19	Procedures	N1-ST-M4A	Emergency Diesel Generator 102 and PB 102 Operability Test	030100
71111.19	Procedures	N2-OSP-CSH-	HPCS Pump and Valve Operability and System Integrity	01100

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		Q@002	Test	
71111.19	Procedures	N2-OSP-EGS-M@001	Diesel Generator and Diesel Air Start Valve Operability Test - Div I and II	02500
71111.19	Procedures	N2-OSP-EGS-R002	Operating Cycle Diesel Generator 24 Hour Run Division 1 and 2	01100
71111.19	Procedures	N2-OSP-RCS-@001	RCS Pressure/Temperature Verification	01100
71111.19	Procedures	N2-OSP-RHS-Q@004	RHR System Loop A Pump & Valve Operability Test and System Integrity Test and ASME XI Pressure Test	01300
71111.19	Procedures	N2-OSP-RPV-@003	Reactor Pressure Vessel and All Class I System Leakage Test with the RPV Solid	01400
71111.19	Work Orders	C93635398		
71111.19	Work Orders	C93766808		
71111.19	Work Orders	C93802378		
71111.19	Work Orders	C93803590		
71111.20	Corrective Action Documents	04539889		
71111.22	Procedures	N1-ISP-036-004	Low-Low Reactor Level Instrument Trip Channel Test/Calibration	01500
71111.22	Procedures	N1-ST-Q3	High Pressure Coolant Injection Pump and Check Valve Operability Test	02000
71111.22	Procedures	N2-OSP-EGS-M@001	Diesel Generator Air Start Valve Operability Test-Division I and II	02500
71111.22	Procedures	N2-OSP-EGS-R002	Operating Cycle Diesel Generator 24 Hour Run Division I and II	01100
71151	Miscellaneous	NEI 99-02	Regulatory Assessment Performance Indicator Guideline	7
71151	Procedures	N1-MSPI-001	Nine Mile Point 1 MSPI Basis Document	12
71151	Procedures	N2-MSPI-001	Nine Mile Point 2 MSPI Basis Document	16
71152A	Corrective Action Documents	04329282		
71152A	Corrective Action Documents	04413822		
71152A	Corrective Action Documents	04481795		
71152A	Procedures	N2-OP-11	Service Water System	01500

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71152A	Procedures	N2-OSP-SWP-Q004	Division II Service Water Operability Test	001100
71152A	Work Orders	C92707902		
71152A	Work Orders	C92765737		
71152A	Work Orders	C92863165		
71152A	Work Orders	C93825512		
71152S	Corrective Action Documents	04509732		
71152S	Corrective Action Documents	04520600		
71152S	Corrective Action Documents	04524844		
71152S	Corrective Action Documents	04541104		
71152S	Corrective Action Documents	04545161		