



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

June 22, 2021

Mr. Christopher P. Domingos  
Site Vice President  
Prairie Island Nuclear Generating Plant  
Northern States Power Company, Minnesota  
1717 Wakonade Drive East  
Welch, MN 55089-9642

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT – DESIGN BASIS  
ASSURANCE INSPECTION (TEAMS) INSPECTION REPORT  
05000282/2021010 AND 05000306/2021010

Dear Mr. Domingos:

On June 3, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Prairie Island Nuclear Generating Plant and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No NRC-identified or self-revealing findings were identified during this inspection.

A licensee-identified violation which was determined to be of very low safety significance is documented in this report. We are treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2 of the Enforcement Policy.

If you contest the violation or the significance or severity of the violation documented in this inspection report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region III; the Director, Office of Enforcement; and the NRC Resident Inspector at Prairie Island Nuclear Generating Plant.

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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

*/RA/*

Karla K. Stoedter, Chief  
Engineering Branch 2  
Division of Reactor Safety

Docket Nos. 05000282 and 05000306  
License Nos. DPR-42 and DPR-60

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Christopher P. Domingos from Karla K. Stoedter dated June 22, 2021.

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

Docket Numbers: 05000282 and 05000306

License Numbers: DPR-42 and DPR-60

Report Numbers: 05000282/2021010 and 05000306/2021010

Enterprise Identifier: I-2021-010-0047

Licensee: Northern States Power Company

Facility: Prairie Island Nuclear Generating Plant

Location: Welch, MN

Inspection Dates: May 10, 2021 to June 03, 2021

Inspectors: B. Daley, Senior Reactor Inspector  
S. Gardner, Electrical Contractor  
T. Hartman, Senior Resident Inspector  
M. Jones, Reactor Inspector  
G. O'Dwyer, Reactor Engineer  
E. Sanchez Santiago, Senior Reactor Inspector

Approved By: Karla K. Stoedter, Chief  
Engineering Branch 2  
Division of Reactor Safety

Enclosure

## SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a design basis assurance inspection (teams) inspection at Prairie Island Nuclear Generating Plant, 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. A licensee-identified non-cited violation is documented in report section: 71111.21M.

### 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
URI	05000282, 05000306/2021010-01	Unexpected Opening of the Battery Charger Output Breaker	71111.21M	Open

## 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 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. Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the Coronavirus Disease (COVID-19), regional inspectors were directed to begin telework. During this time regional baseline inspections were evaluated to determine if all or portions of the objectives and requirements stated in the IP could be performed remotely. In some cases, portions of an IP were completed remotely and on-site. For the inspection documented below it was determined that the objectives and requirements stated in the IP could be completed remotely.

## REACTOR SAFETY

### 71111.21M - Design Bases Assurance Inspection (Teams)

The inspectors evaluated the following components and listed applicable attributes, permanent modifications, and operating experience:

### Design Review - Risk-Significant/Low Design Margin Components (IP Section 02.02) (4 Samples)

- (1) 22 Diesel-Driven Cooling Water Pump (DDCLP)
  - Technical Specification (TS) Surveillances
  - Technical Requirements Manual (TRM) Requirements
  - Walkdown
  - Seismic Protection
  - Flow Capacity & Balance
  - Runout and Minimum Flow
  - Required Submergence
  - Water Supply Availability
  - Pump Cooling
  - Jacket Water Cooler
  - Fuel Oil (Available Volume/Consumption)
  - Engine Lubrication
  - Component Health, Corrective Maintenance, and Corrective Action History
  - Consistency Between Station Documentation (e.g., Procedures) and Vendor Specifications
  - Voltage Drop
  - Low Pressure Instrumentation
  - Control Logic

- (2) 21 Cooling Water (CL) Strainer
  - TS Surveillances
  - TRM Requirements
  - Walkdown
  - Operating Procedures
  - Maintenance Effectiveness
  - Modifications
  - System Health
  - Environmental Qualifications
  - Debris Loading Impact to Flow Capacity/Balance
  - Debris Loading Impact to Structural Design
  - Instrument Differential Pressure Setpoints
  - Mesh Size in Comparison to Downstream Component Openings
  - Pneumatic Backwash Compressed Air Capacity
  
- (3) 125 Volt Direct Current (DC) Distribution Panel - Panel 21
  - Updated Final Safety Analysis Report (UFSAR)/TS/TRM Licensing Basis Requirements
  - Walkdown
  - Room Heat Up
  - Loading Calculations
  - Short Circuit Calculations
  - Coordination Calculations
  - Temperature Effects and Environmental Qualification
  - Room Temperature Instrumentation
  - Fuse Ratings
  
- (4) 4160 Volt Alternating Current (AC) Distribution Bus - Bus 25
  - UFSAR/TS/TRM Licensing Basis Requirements
  - Walkdown
  - Operating/Maintenance Procedures
  - System Health Reports
  - Short Circuit Calculations
  - Coordination Calculations
  - Battery Capability to Supply Control Voltage
  - Degraded Voltage Protection
  - Protective Devices and Trip Set Points

Design Review - Large Early Release Frequency (LERFs) (IP Section 02.02) (1 Sample)

- (1) 21 Motor-Driven Auxiliary Feedwater (AF) Pump
  - UFSAR/TS/TRM Licensing Basis Requirements
  - TS Surveillances
  - Walkdown
  - Corrective Action Documents
  - Room Heat Up Calculations
  - Submergence/Net Positive Suction Head Calculations
  - Suction Swap Calculations

- Design Basis Calculations
- Testing Acceptance Criteria Calculations
- Temperature Effects and Environmental Qualification
- Flooding Calculations
- Pump Motor Degraded Voltage
- Protective Devices
- Minimum Voltage
- Control Logic

Modification Review - Permanent Mods (IP Section 02.03) (4 Samples)

- (1) 6EQVENG12084 - Replace Cooling Water Strainer Backwash Valve
- (2) 6MOD00026419 - Auxiliary Feedwater Pump Room Unit Cooler Replacement
- (3) 6MOD00025399 - Replacement of 1R Station Reserve Auxiliary Transformer
- (4) 6MOD00025413 - 12 Diesel-Driven Cooling Water Pump Replacement

Review of Operating Experience Issues (IP Section 02.06) (2 Samples)

- (1) NRC Information Notice 2017-06 - Battery and Battery Charger Short-Circuit Current Contributions to a Fault on the Direct Current Distribution System
- (2) NRC Information Notice 2016-05 - Operating Experience Regarding Complications from a Loss of Instrument Air

**INSPECTION RESULTS**

Unresolved Item (Open)	Unexpected Opening of the Battery Charger Output Breaker URI 05000282, 05000306/2021010-01	71111.21M
<p>Description: As a result of the evaluation of Information Notice (IN) 2017-06 dated August 13, 2018, the licensee obtained vendor information in regard to the response characteristics of the 21 Battery Charger. This information displayed the expected response of the battery charger to a fault experienced downstream of the charger. Contrary to past licensee assumptions that the charger would interrupt current flow when current levels were greater than or equal to 315 Amps, information from the vendor showed that the battery charger would actually supply up to 6000 Amps during the first 10 milliseconds of the fault event rather than interrupting the current flow when the current was 315 Amps or more. Current levels in excess of 315 Amps could potentially cause the breaker downstream of the battery charger to inadvertently open. The licensee did not recognize the potential for the downstream breaker to open until it was identified by the inspectors.</p> <p>This tripping of the downstream breaker was different than what was provided in Assumption 6.2.1 of Prairie Island calculation ENG-EE-012, "125VDC Coordination Study," which states, "It is assumed that the battery charger output breakers will not operate for external faults." Additionally, this calculation was used for the plant's fire protection safe shutdown analysis. The assumption that the battery charger output breakers would not operate and the battery chargers would remain available was used in the plant specific fire protection Probabilistic Safety Assessment (PSA) which supports the NFPA 805 performance based analysis for Prairie Island fire areas. If the characteristics of the battery charger design could result in the inadvertent opening of the output breaker for faults in fire areas in the plant, the PSA that is relied upon for those areas would be altered non-conservatively because the battery charger would now no longer be available. Fire areas that use the</p>		



performance based approach in NFPA 805 rely upon the PSA to determine the acceptability of the safe shutdown analysis for that area. The PSA is also used to determine the acceptability of potential future changes to fire protection elements in the fire area. An incorrect, non-conservative PSA could adversely affect the acceptability of the safe shutdown analysis, and therefore, the ability of the plant to safely shutdown during a fire event.

The licensee's fire protection program, which is required by their plant specific license condition, is maintained in accordance with NFPA 805. Should it be determined, through analysis, that the design (vendor) information for the battery charger received for the IN 2017-06 evaluation could result in the inadvertent opening of the battery charge output breaker, the PSA data would no longer be correct. This issue is being dispositioned as an Unresolved Item (URI) pending the licensee's evaluation of fire related faulting of downstream cables (and/or panels).

Planned Closure Actions: The inspectors will review/inspect any adverse effects to the licensee's plant specific fire protection program. Based upon this review, the inspectors will determine if any performance deficiencies exist, if the performance deficiencies are more than minor, and whether a violation of NRC requirements occurred.

Licensee Actions: The licensee entered this issue into their corrective action program to consider the potential impacts on downstream coordination of the battery charger. The licensee will further assess the impact on the downstream DC output breaker on the battery charger due to DC faults.

Corrective Action References: CAP 501000051933: DBAI - IN 2017-06 Not Fully Evaluated

Licensee-Identified Non-Cited Violation	71111.21M
This violation of very low safety significance was identified by the licensee and has been entered into the licensee corrective action program and is being treated as a non-cited violation, consistent with Section 2.3.2 of the Enforcement Policy.	
Violation: Title 10 CFR 50, Appendix B, Criterion XI, "Test Control" requires, in part, that all testing required to demonstrate structures, systems, and components will perform satisfactorily in service is identified and performed in accordance with written test procedures which incorporate the requirements and acceptance limits contained in applicable design documents.	
Contrary to the above, since March 28, 2017, the licensee has failed to perform testing demonstrating structures, systems, and components will perform satisfactorily in service in accordance with written test procedures which incorporate the requirements and acceptance limits contained in applicable design documents. Specifically, the licensee's design basis assumes the breakers for the 21 Component Cooling Pump and the Bus 26 Source from 2RY are capable of closing with voltage as low as 67 volts DC but have never been tested at that voltage. The lowest voltage they have been verified to operate was 90 volts DC.	
Significance/Severity: Green. The inspectors assessed the significance of the finding using Inspection Manual Chapter (IMC) 0609, Attachment 4, "Initial Characterization of Findings," dated December 20, 2019, and IMC 0609, Appendix A, "The Significance Determination Process for Findings At-Power," dated December 20, 2019. Using Exhibit 2, "Mitigating Systems Screening Questions," the inspectors determined that the finding was of very low safety significance (i.e., Green). Although the finding represented a deficiency affecting	

the design or qualification of a mitigating system, structure, or component (SSC), (e.g. the 21 Component Cooling Pump), neither the operability nor the probabilistic risk assessment (PRA) functionality of the SSC was lost. The licensee determined the equipment was operable because of testing other similar/representative SSCs at the lower voltages without issue.

Corrective Action References: CR 501000035537: Procedures PE0007/0008 Discrepancy

## **EXIT MEETINGS AND DEBRIEFS**

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

- On June 3, 2021, the inspectors presented the design basis assurance inspection (teams) inspection results to Christopher P. Domingos, Site Vice President and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.21M	Calculations	178599.51.2012	Prairie Island Diesel Driven Cooling Water Pump Operating Time	2
		700063077	SP 1106B-22 DD CL PMP (245-392) 1 M Test	05/01/2020
		700068001	SP 1106B-22 Diesel Driven Cooling Water (CL) Pmp (245-392) 1 Month Test	07/31/2020
		91-02-21	Battery 22	4
		DC91L310	Control Room Monitoring of DC Systems	12/16/1995
		E-415-EA-9	4KV Bus 25&26 DC Feeder and Vert Pnl DC Coordination	0
		ENG-EE-012	125 VDC Coordination Study	4
		ENG-EE-017	4kV Safeguards Pump/Motor Data Package	1
		ENG-EE-162	Unit 2-4KV Safeguards Switchgear Protective Relay Settings & Coordination	2
		ENG-EE-170	ETAP Electrical Analysis	5
		ENG-EE-171	Degraded Voltage	2
		ENG-EE-177	AC System Fault Analysis	2
		ENG-EE-200	PINGP ETAP 125 VDC Electrical Analysis	1
		ENG-EE-208	AC System Load Flow Analysis	0
		ENG-ME-020	D1/D2 and DDCLP Fuel Oil Storage Capacity	4
		ENG-ME-021	Auxiliary Feedwater Pump Room Heat Loads	4
		ENG-ME-218	Single Failure Analysis for Cooling Water System	0
		ENG-ME-219	Safeguards CL Pump NPSHR Static Head Requirement	0
		ENG-ME-347	Minimum Required Intake Volume	1D
		ENG-ME-458	Highest Acceptable Leak Rate in the CL Pump Rooms	3
		ENG-ME-573	Tube Plugging Limit for 12 and 22 DDCLP Jacket Water Heat Exchanger	1A
		ENG-ME-576	AFP Pump Acceptance Criteria	2H
		ENG-ME-820	CL Hydraulic Analysis - LOOP, LOCA, and Seismic Response	2
		ENG-ME-835	Cooling Water Strainer Hydraulic Loading Analysis	0
		ENG-ME-847	HELB Case Specific Inputs & SEA Room Heat Up	0C
		ENG-ME-849	Design Basis Accident Room Heat Up Model Case Specific	1

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Inputs and Results	
		ENG-ME-850	12/22 DDCLP Engine Lube Oil Inventory	0
		GEN-PI-096	Nuclear Safety Capability Assessment Analysis for Compliance with NFPA 805	0
		GEN-PI-097	Safe Shutdown Equipment for Compliance with 10 CFR 50, Appendix R	4
		SPC-CL-034	Loop B Diesel Pump 22 Start Pressure Switch	0
	Corrective Action Documents	600000212603	Operating Experience Evaluation of IN 2017-06	08/23/2018
		01502331	Pending Room Heatup Analyses Impact Planned/in Flight Project	11/18/2015
		01520318	OE: NRC IN 2016-15 Operating Experience Regarding Complications from a Loss of Instrument Air	08/25/2016
		01552882	EC 26419 PMT - Flow Test Did Not Meet Acceptance Criteria	03/13/2017
		01557766	AFW Rm Unit Cooler Standby Setpoint Too High	03/17/2005
		12084	Replace CL Strainer Backwash Valves with SS Valves	05/01/2016
		1482702	D5 Output Breaker Annunciator Not Func	06/03/2015
		500001496344	D5 Output Breaker Annunciator Not Func	10/11/2015
		500001514923	Bkr 25-2 Will Not Rack to "Disconnect"	03/09/2016
		500001524719	Annunciator 47524-0601 Reflashed	06/09/2016
		500001548783	Preliminary Battery Calculation Results	01/27/2017
		500001553539	Results Obtained for New DC Battery Calc	03/30/2017
		501000007726	During TP 1789B Minimum Cooling Water Flow Not Achieved for 12 AFW RM PMP CLR	01/26/2018
		501000016553	21 AFWP Has Low Seal Water Flow	07/05/2018
		501000019265	11 AFW PMP RM CLR Leaking Condensate	10/27/2018
		501000019274	12 AFW PMP RM CLR Leaking Condensation	10/27/2018
		501000022683	21 AFW PMP Bypass Piping Flange Weld	10/13/2019
		501000023635	AFW Room Cooler Testing	02/27/2019
		501000023925	2019 NRC UHS: AF RM UC DP Testing	03/06/2019
		501000026949	Unit Coolers' Fan Blades in AFWP Room Need Cleaning	05/07/2019
	501000033246	Possible Oil Leak on 21 MD AFWP	10/13/2019	
	501000033820	4KV Charging Motor Unsat	10/23/2019	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		501000035537	Procedures PE0007/0008 Discrepancy	12/11/2019
		501000037775	21 MDAFW PMP Oil Fill	02/17/2020
		501000040177	Leaking Hose on 22 DDCLP	05/01/2020
		501000047556	D5 Output Bkr Remote Racking Capability	01/06/2011
		501000049198	TP1789B As Found Flow Out of Band	03/03/2021
		501000049319	21 MD AFWP OB Bearing Seal Buildup	03/08/2021
		501000049607	TP 1789A Step 7.4.5 Not Met	03/16/2021
		501000049608	TP 1789A Step 7.4.2 Recorded 40 Vice 46	03/16/2021
		501000051933	DBAI - IN 2017-06 Not Fully Evaluated	05/12/2021
		6100000000812	NRC IN 2019-08	10/16/2019
		6DOC00028471	Downgrade Safety Related Backup Air Supply for Cooling Water Strainer	04/12/2017
	Corrective Action Documents Resulting from Inspection	501000051691	2021 DBAI Update to RFI II-4 Required	05/07/2021
		501000052033	2021 DBAI Minor Calc Errors	05/14/2021
		501000052262	NRC 2021 DBAIT IDENTIFIED: ENG-ME-021 Rev 4C Stated AFP Room Max Temp 122F But Data Supports 131F	05/19/2021
		501000052363	NRC 2021 DBAIT IDENTIFIED Internal Flooding Signs Cite Superseded Procedure	05/20/2021
	Drawings	NE-116785 Sh.13	D5 Emergency Generator Bus 25 Cubicle 2	76
		NE-40009-71-1	22 Diesel Cooling Water Pump	79
		NE-40009-71-2	22 Diesel Cooling Water Pump	77
		NF-116497	Interlock Logic Diagram - Unit 2 Bus 25 Load Rejection-Restoring	C
		NF-39216	Flow Diagram Cooling Water - Screenhouse	100
		NF-39774	Instrument Air Supply and Control Piping - Turbine Building - Unit 2 and Screenhouse Units 1 and 2	83
		NF-40022-2	Circuit Diagram 4KV and 480V Safeguard Busses Unit 2	80
		NF-40547-1	Wiring Diagram DC Distribution Panels "A" Train	83
	Engineering Changes	6MOD00025399	Replacement of 1R Station Reserve Auxiliary Transformer	01/17/2020
		6MOD00026419	Upgrade Unit 1 and 2 Auxiliary Feedwater (AFW) Pump Room Coolers from Non-Safety Related to Safety Related	05/23/2019
		EC 25413	Replacement of 12 Diesel Driven Cooling Water Pump	04/07/2017
	Miscellaneous		Response to Generic Letter 91-06: Resolution of Generic	10/28/1991

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Issue A-30, "Adequacy of Safety-Related DC Power Supplies"	
		B20.5	4.16KV Station Auxiliary System	11
		CGD PI-0077	Commercial Grade Evaluation Class RK1 UL Listed 140 VDC Fuses	02/01/2001
		DBD SYS 20.09	Design Basis Document for the DC Auxiliaries System	10
		DBD SYS-35	Design Basis Document for the Cooling Water System	17
		EM 2.3.7	Electrical Separation/Isolation	4
		LER 1-92-005	Design Basis Reconstitution Effort Identified a Condition Outside 10 CFR Part 50 Appendix R Requirements	04/27/1992
		NMSIP-ELEC-0008	4KV Breaker Closing and Trip Voltage Pickup Times	10/15/2014
		NX-20622-1	Mercoid Pressure Controls	3
		NX-236975	Safety Related Battery Charger	2
		PR2 25-10A	Relay Setting 21 MD AFW Pmp Breaker	11/01/1992
		Screening 1620	TRM Change - Delete 3.3.D	0
		STRIDE PI-2018-ED-03	STRIDE to Extend Emergency Diesel Generator (EDG) Trip Bypass Testing and Integrated SI Test with a Simulated Loss of Offsite Power (LOOP) Test Frequencies	09/13/2019
		U2-4.160KV	System Health Report	
		XH-2701-3	5HK 350 Switchgear and Relaying	9
		Z9IL266011	Test Report Performance of Bussmann LPN-RK Fuses at 140 VDC Per UL 198L	0
	Procedures	1C20.5 AP7	Response to Degrading Bus 25 or 26 Voltage	0
		2C20.5	Unit 2- 4.16KV System	38
		2C20.5AOP1	Re-energizing 4.16KV Bus 25	15
		515440	Bkr 25-2 Install New Breaker and Perform 52S Checks	01/08/2015
		AB-3	Earthquakes	38
		C35	Cooling Water	92
		C47041	Alarm Response Procedure AR 42 11/21 or 12/22 AFWP Room HI TEMP	35
		C47510	Alarm Response Procedure	50
		FP-IP-SFCP-01	Surveillance Frequency Control Program	2

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		FP-OP-SFCP-01	Surveillance Frequency Control Program	2
		FP-SC-PE-02	Item Equivalency Evaluation	10
		ICPM 2-025A	Unit 2 DC Monitoring Panel Instruments Calibration - Train A	2
		IP-ENG-001	Standard Design Process	0
		PCR 602000020185	PCR 602000020185 - TP 1789A PCR in Progress and Started 3-23-2021	03/23/2021
		PCR 602000020185 Markup	Markup - TP 1789A	6
		PCR 602000020186	TP 1789B-PCR in Progress and Started 3-23-2021	6
		PCR 602000020186 Markup	Markup - TP 1789B R11	11
		PE-0007	5HK250/350 Breaker Testing Maintenance & Repair - Minor	10
		PE-0008	5HK250/350 Breaker Testing Maintenance & Repair - Major	20
		PE-0009	4KV Switchgear Preventive Maintenance	22
		TP 1789A	AFW Pump Room Cooler Flushing, Flow Balancing, Dp Monitoring, & Air Side Inspection, Train A	5
		TP 1789B	AFW Pump Room Cooler Flushing, Flow Balancing, Dp Monitoring, & Air Side Inspection, Train B	10
		Work Orders	00547527	Install New 21 Air Compressor Motor Cooler per EC 26419
		375229	4KV Breaker Testing	10/10/2013
		468822	Bus 25 Switchgear Preventive Maintenance	12/11/2013
		532067	52S Contacts	05/08/2017
		700000603	CV-31653, Replace Valve and Actuator	06/16/2020
		700043770	Performance of SP 2103A AFW Comprehensive IST Pump and Valve Test (Refueling)	11/18/2019
		700045586-0010 SP 1083B	Unit 1 Integrated SI Test with Simulated Loss of Offsite Power Train B	03/05/2019
		700046740	Performance of TP 1398 Internal Flooding Walkdown	05/03/2019
		700054423	SP 2193A Cycling AFWP AND CL Water MV's	10/18/2019
		700058720	Perform ICPM 2-025A Unit 2 DC Monitoring Panel Instruments Calibration Train A	03/05/2020

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		700060230	Performance of TP 1398 Internal Flooding Walkdown	07/24/2020
		700071523	SP 1106B - 22 DD CL PMP (245 - 392) 1 M Test	10/30/2020
		700071646-0010	Work Order Task Plan to Replace Valve ZE-5-15 and Associated ZE Piping	04/14/2021
		700075594-SP-1106B	22 Diesel Cooling Water Pump Monthly Test	02/22/2021
		700077021	SP 1106B - 22 DD CL PMP (245-392) 1 Month Test	03/05/2021
		700077662	SP1106A - 12 DD CLP (145 - 392) MNTH Test	03/19/2021
		700079090	SP 1106A 12 Diesel CL Pump Monthly	04/19/2021