



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

February 2, 2024

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

SUBJECT: BYRON STATION – INTEGRATED INSPECTION REPORT 05000454/2023004  
AND 05000455/2023004

Dear David Rhoades:

On December 31, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Byron Station. On January 18, 2024, the NRC inspectors discussed the results of this inspection with A. Schuerman, 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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in black ink, appearing to read "Hironori Peterson".

Signed by Peterson, Hironori  
on 02/02/24

Hironori Peterson, Chief  
Reactor Projects Branch 3  
Division of Operating Reactor Safety

Docket Nos. 05000454 and 05000455  
License Nos. NPF-37 and NPF-66

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to David Rhoades from Hironori Peterson dated February 2, 2024.

SUBJECT: BYRON STATION – INTEGRATED INSPECTION REPORT 05000454/2023004  
AND 05000455/2023004

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

Docket Numbers: 05000454 and 05000455

License Numbers: NPF-37 and NPF-66

Report Numbers: 05000454/2023004 and 05000455/2023004

Enterprise Identifier: I-2023-004-0046

Licensee: Constellation Energy Generation, LLC

Facility: Byron Station

Location: Byron, IL

Inspection Dates: October 01, 2023 to December 31, 2023

Inspectors: B. Bergeon, Senior Operations Engineer  
N. Bolling, Project Engineer  
J. Cassidy, Senior Health Physicist  
A. Demeter, Resident Inspector  
G. Hansen, Sr. Emergency Preparedness Inspector  
R. Knutson, Illinois Emergency Management Agency  
G. Roach, Senior Operations Engineer  
J. Robbins, Senior Resident Inspector  
A. Shaikh, Senior Reactor Inspector

Approved By: Hironori Peterson, Chief  
Reactor Projects Branch 3  
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 Byron 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**

None.

## PLANT STATUS

Unit 1 began the inspection period operating at full power. On September 16, 2023, power was reduced to support replacement of a 1A reactor coolant loop flow instrument. Subsequently, the unit returned to full power. With the exception of minor reductions in power to support scheduled testing activities and load changes requested by the transmission system dispatcher, the unit remained operating at or near full power for the remainder of the inspection period.

Unit 2 began the inspection period operating at full power. With the exception of minor reductions in power to support scheduled testing activities and load changes requested by the transmission system dispatcher, the unit remained operating at or near full power until September 20, 2023. On October 9, 2023, the unit was shut down. Following completion of refueling and other maintenance activities, the reactor was restarted and taken critical on October 26, 2023. The unit reached full power operation on October 29, 2023, and continued operating at or near full 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 Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated readiness for seasonal extreme weather conditions prior to the onset of seasonal cold temperatures on November 21, 2023.

### 71111.04 - Equipment Alignment

#### Partial Walkdown Sample (IP Section 03.01) (3 Samples)

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

- (1) Unit 2 'A' Train of the Residual Heat Removal (RH) System during Refuel Outage B2R24 on October 11, 2023
- (2) Unit 2 'B' Train of RH System during Refuel Outage B2R24 on October 19, 2023
- (3) Unit 1 Spent Fuel Pool Train during Refuel Outage B2R24 on October 24, 2023

### 71111.05 - Fire Protection

#### Fire Area Walkdown and Inspection Sample (IP Section 03.01) (3 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) Storage Tank Rooms following discovery of a leaking sprinkler in the 2B Diesel Oil Storage Tank (DOST) Room, as documented in Issue Report (IR) 4706956 on October 10, 2023
- (2) Units 1 and 2 Auxiliary Feedwater (AF) Pump and Day Tank Rooms following discovery of several leaking CO2 valves, as documented in various IRs on October 11, 2023
- (3) Review of disposition and acceptability of ultrasonic testing measurements of fire protection piping, as documented in various IRs on October 11, 2023

### 71111.06 - Flood Protection Measures

#### Flooding Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated flooding mitigation protections in the Unit 2 Tendon Tunnel following the discovery of standing water in the tunnel, as documented in IR 4706273 on October 19, 2023.

### 71111.08P - Inservice Inspection Activities (PWR)

The inspectors verified that the reactor coolant system boundary, reactor vessel internals, risk-significant piping system boundaries, and containment boundary are appropriately monitored for degradation and that repairs and replacements were appropriately fabricated, examined, and accepted by reviewing the following activities from October 10 to 17, 2023.

#### PWR Inservice Inspection Activities Sample - Nondestructive Examination and Welding Activities (IP Section 03.01) (1 Sample)

The inspectors verified that the following nondestructive examination and welding activities were performed appropriately:

- (1)
  - Ultrasonic Examination on 2RC14AD-2 (Augmented MRP-146 exams) 2" Branched Connection off Reactor Coolant System (RCS) Leg
  - Magnetic Particle Examination of 2SX06BB Closure Plate
  - Liquid Penetrant Examination of Reactor Pressure Vessel (RPV) Upper Head Penetrations 6 and 68
  - 2AF00A IST Disassembly and Inspection Welding

#### PWR Inservice Inspection Activities Sample - Vessel Upper Head Penetration Inspection Activities (IP Section 03.02) (1 Sample)

The inspectors verified that the licensee conducted the following vessel upper head penetration inspections and addressed any identified defects appropriately:

- (1)
  - RPV Upper Head Penetrations Bare Metal Visual (BMV) Examination

PWR Inservice Inspection Activities Sample - Boric Acid Corrosion Control Inspection Activities (IP Section 03.03) (1 Sample)

The inspectors verified the licensee is managing the boric acid corrosion control program through a review of the following evaluations:

- (1)
  - IR 04678585 - Inactive Boric Acid Leak on 2CS01AA-16" Bolted Flange
  - IR 04666344 - 2CV8516 Cation Inlet Isolation Leak
  - IR 04501664 - Active Boric Acid Leak on 2FI-0631 Threaded Fittings
  - IR 04506666 - Active Boric Acid Leak from Flange Upstream of 2SI077

71111.11 A - Licensed Operator Requalification Program and Licensed Operator Performance

Requalification Examination Results (IP Section 03.03) (1 Sample)

- (1) The inspectors reviewed and evaluated the licensed operator examination failure rates for the requalification annual operating exam administered between August 15 and September 25, 2023.

71111.11Q - Licensed Operator Requalification Program and Licensed Operator Performance

Licensed Operator Performance in the Actual Plant/Main Control Room (IP Section 03.01) (1 Sample)

- (1) The inspectors observed and evaluated licensed operator performance in the control room during various on-watch shift crew observations including shutdown, cooldown, and Reactor Coolant System (RCS) drain down to reduced inventory for Unit 2 Refuel Outage B2R24 on October 26, 2023.

71111.12 - Maintenance Effectiveness

Maintenance Effectiveness (IP Section 03.01) (1 Sample)

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

- (1) Maintenance effectiveness review associated with the 2 A Emergency Diesel Generator Ventilation System following the failure of a ventilation fan, as documented in IR 4714774 on November 15, 2023.

### 71111.13 - Maintenance Risk Assessments and Emergent Work Control

#### Risk Assessment and Management Sample (IP Section 03.01) (1 Sample)

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) Evaluation of the B2R24 Shutdown Safety Plan, as documented on September 21, 2023, on October 2, 2023.

### 71111.15 - Operability Determinations and Functionality Assessments

#### Operability Determination or Functionality Assessment (IP Section 03.01) (5 Samples)

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

- (1) Evaluation of the operability of 2RH8716B following changes in conservative uncertainties, as documented in IR 4701984 on November 14, 2023
- (2) Evaluation of the operability of valve 2AF013A following issues stroking, as documented in IR 4707513 on October 6, 2023
- (3) Evaluation of the operability of 2 A Diesel Generator following the failure of the vent fan, as documented in IR 4714774 on November 2, 2023
- (4) Evaluation of the operability of valve 2AF005G following issues stroking, as documented in IR 477822 on October 7, 2023
- (5) Evaluation of the operability of the 2B Reactor Coolant Pump following identification of noises during startup and shutdown, as documented in IR 4708074 on October 9, 2023

### 71111.20 - Refueling and Other Outage Activities

#### Refueling/Other Outage Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated refueling outage B2R24 activities from October 9 through October 26, 2023.

### 71111.24 - Testing and Maintenance of Equipment Important to Risk

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

#### Post-Maintenance Testing (PMT) (IP Section 03.01) (5 Samples)

- (1) Functional and operational testing of the 2B AF Pump testing following maintenance, as documented in multiple work orders (WOs) on October 26, 2023
- (2) Moveable Incore Detectors and Power Distribution Monitoring System testing following maintenance, as documented in multiple WOs on October 30, 2023
- (3) Functional and operational testing of the Fuel Transfer System following load cell following maintenance, as documented in WO 5309497 on October 11, 2023



- (4) Functional and operational testing of Unit 2 Containment Recirculation Sump Outlet Isolation Valve, 2SI8811B, following maintenance, as documented in WO 5126812 on October 3, 2023
- (5) Functional and operational testing of the 2 A Diesel Generator Ventilation System following failure of fan 2VD01CA, as documented in WO 5414289 on November 08, 2023

Surveillance Testing (IP Section 03.01) (3 Samples)

- (1) Unit 2 2B Diesel Generator (DG) Surveillance testing, as documented in multiple WOs on October 19, 2023
- (2) Multiple surveillances to restore operability to the 2B AF pump, as documented in various WOs on October 26, 2023
- (3) Unit Common 0 A Essential Service Water Makeup Pump Surveillance testing, as documented in WO 5415304 on November 29, 2023

Inservice Testing (IST) (IP Section 03.01) (1 Sample)

- (1) Unit 2 Comprehensive Inservice Testing (IST) Requirements for Safety Injection (SI) Pumps 'A' and 'B', as documented in WOs 5291695 and 5295785 on October 18, 2023

Containment Isolation Valve (CIV) Testing (IP Section 03.01) (1 Sample)

- (1) 2BOSR 6.1.1-25; Unit 2 Primary Containment Type B Local Leak Rate Testing of Spare Containment Penetrations, as documented in WOs 5256840 and 5256841 on October 18, 2023

71114.04 - Emergency Action Level and Emergency Plan Changes

Inspection Review (IP Section 02.01-02.03) (1 Sample)

- (1) The inspectors completed an evaluation of Emergency Action Level (EAL) and Emergency Plan changes on December 18, 2023. For the inspection period from July 01, 2022, through June 30, 2023, the licensee did not make any changes to the site Emergency Plan and EAL Bases/Matrix documents. The inspectors independently reviewed the current revisions of these documents to verify no changes were completed.

This evaluation does not constitute NRC approval.

71114.06 - Drill Evaluation

Select Emergency Preparedness Drills and/or Training for Observation (IP Section 03.01) (1 Sample)

- (1) Technical Support and Operations Support Centers Focus Area Drill Training on December 20, 2023

## **RADIATION SAFETY**

### 71124.01 - Radiological Hazard Assessment and Exposure Controls

#### Contamination and Radioactive Material Control (IP Section 03.03) (2 Samples)

The inspectors observed/evaluated the following licensee processes for monitoring and controlling contamination and radioactive material:

- (1) Licensee surveys of potentially contaminated material leaving the radiologically controlled area (RCA) and workers exiting the RCA at Unit 2 Contractors Access Facility during a refueling outage
- (2) Workers exiting the protected area through Whole Body Monitors at the Main Access Facility 1 during a refueling outage

### 71124.03 - In-Plant Airborne Radioactivity Control and Mitigation

#### Permanent Ventilation Systems (IP Section 03.01) (1 Sample)

The inspectors evaluated the configuration of the following permanently installed ventilation systems:

- (1) Fuel Handling Building Exhaust Filter Ventilation System

#### Self-Contained Breathing Apparatus for Emergency Use (IP Section 03.04) (1 Sample)

- (1) The inspectors evaluated the licensee's use and maintenance of self-contained breathing apparatuses.

### 71124.04 - Occupational Dose Assessment

#### Source Term Characterization (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated licensee performance as it pertains to radioactive source term characterization.

#### External Dosimetry (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated how the licensee processes, stores, and uses external dosimetry.

#### Special Dosimetric Situations (IP Section 03.04) (2 Samples)

The inspectors evaluated the following special dosimetric situations:

- (1) Declared Pregnant Worker - EID 086635 and 9775022
- (2) Use of EDEX for RWP BY-2-23-00647 "CRDM Inspections"

## OTHER ACTIVITIES – BASELINE

### 71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

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

- (1) Unit 1 (October 1, 2022 through September 30, 2023)
- (2) Unit 2 (October 1, 2022 through September 30, 2023)

#### BI02: RCS Leak Rate Sample (IP Section 02.11) (2 Samples)

- (1) Unit 1 (October 1, 2022 through September 30, 2023)
- (2) Unit 2 (October 1, 2022 through September 30, 2023)

### 71152 A - Annual Follow-up Problem Identification and Resolution

#### Annual Follow-up of Selected Issues (Section 03.03) (2 Samples)

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

- (1) The inspectors performed a detailed review of various IRs pertaining to the process of scheduling, ordering, receipt, issuance, and installation of parts and equipment. An in-depth review of the barriers associated with this process flow was selected due to the inherent safety significance and quality control requirements associated with the procurement, acceptance, and use of safety related parts within the plant on December 13, 2023.
- (2) The inspectors performed a detailed review of oil sample test results for each emergency diesel generator in response to recent operating experience with diesel lubricating oil contamination on December 19, 2023.

### 71152 S - Semiannual Trend Problem Identification and Resolution

#### Semiannual Trend Review (Section 03.02) (1 Sample)

- (1) The inspectors reviewed the licensee's corrective action program and other licensee trending programs for potential adverse trends that might be indicative of a more significant safety issue. The inspectors observed a potential trend in 0A Essential Service Water Makeup Pump trips as identified by the licensee in IR 4701152, *Potential Trend in 0A Essential Service Water (SX) Makeup Pump Trips*, on December 20, 2023.

## INSPECTION RESULTS

Observation: Review of Oil Sample Test Results	71152A
The inspectors performed a detailed review of oil sample test results in response to recent operating experience with diesel lubricating oil contamination as documented in IR 4718769, <i>2DG01KA (Prime Mover for the 2A Emergency Diesel Generator) Wear Metal Contamination</i> .	

Procedure MA-AA-716-230-1001, *Oil Interpretation Guideline*, identifies the alert range, for the Cooper Bessemer Diesels, for chromium, as > 5-10 ppm. The fault range for chromium is identified as > 10 ppm. The sample result dated November 3, 2023, indicated 13 ppm of chromium. An additional oil sample was subsequently taken and showed 7 ppm of chromium.

There is a scheduled work window for the 2DG01KA diesel in the spring of 2024. The licensee considered performing portions of this work early to address the potential concern with elevated chromium in the lubricating oil. Based on the additional oil sample test results, the license determined that it would be sufficient to monitor diesel performance, as this lower level of chromium is not expected to challenge the ability of the diesel to perform its function, until the scheduled work window arrives in the spring.

No findings or violations of NRC requirements of more than minor safety significance were identified by the inspectors in the course of this review.

Observation: Review of the Process of Scheduling, Ordering, Receipt, Issuance, and Installation of Parts and Equipment	71152A
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The inspectors performed a detailed review of various IRs pertaining to the process of scheduling, ordering, receipt, issuance, and installation of parts and equipment. An in-depth review of the barriers associated with these processes was selected due to the inherent safety significance and quality control requirements associated with the procurement, acceptance, and use of safety related parts within the plant.

Procedure WC-AA-101-1002, *Work Scheduling*, provides a process overview of the online scheduling process including guidance for support groups that participate in the online scheduling process. SM-AA-102, *Warehouse Operations*, establishes the process for receipt, storage, and handling material, parts, and components through the station's warehouses. The inspectors used WC-AA-101-1002 and SM-AA-102 to determine what barriers exist to prevent incorrect equipment from being installed in plant applications, then compared these to 28 issues involving incorrect parts pulled from the corrective action program (CAP). The inspectors made several observations with regards to the IRs:

- The most common themes documented under the “why did the condition happen” portion of the IR were errors in human performance and changes or substitutions made by the vendor without prior notification.
- Nine of the 28 IRs identified instances where the issue with parts was discovered at the last barrier prior to improper installation – during the execution of the work. Despite this, the assessment of like-for-like parts at the jobsite proved successful in identifying problems with parts and documenting them in the CAP. This barrier proved to be effective even during periods of increased maintenance activities, such as during outages.
- An additional nine of the 28 IRs documented issues where incorrect parts were discovered to have already been installed in error without the physical changes being evaluated as required by procedure SM-AA-300-1002, *Bill of Material Development and Right Parts Selection for Maintenance*. Evaluations performed upon discovery determined the technical changes of the incorrect parts did not change the function of the part, nor impact component/system performance.

No findings or violations of NRC requirements of more than minor safety significance were identified by the inspectors in the course of this review.

Observation: Semiannual Trend Review of IR 4701152, Potential Trend in 0A Essential Service Water (SX) Makeup Pump Trips	71152S
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The inspectors performed a detailed review of IRs and corrective actions associated with IR 4701152, *Potential Trend in 0A Essential Service Water (SX) Makeup Pump Trips*.

In short, this document identifies four trips of the 0A SX Makeup Pump that occurred between April of 2022, and September of 2023. The individual failures were documented in IRs: 4489594, 4490482, 4539770, 4687057, and 4701020.

In accordance with corrective action program requirements, the licensee performed extent of condition and cause reviews. Additionally, preventive maintenance activities and schedules were also reviewed for potential modification. Lastly, these events were reviewed for impact to licensee performance goals established as part of their Maintenance Rule program.

No findings or violations of NRC requirements of more than minor safety significance were identified by the inspectors in the course of this review.

## EXIT MEETINGS AND DEBRIEFS

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

- On January 18, 2024, the inspectors presented the integrated inspection results to A. Schuerman, Plant Manager, and other members of the licensee staff.
- On October 13, 2023, the inspectors presented the radiation protection inspection results to S. Leach, Radiation Protection Manager, and other members of the licensee staff.
- On October 17, 2023, the inspectors presented the Inservice Inspection (ISI) Exit Meeting inspection results to P. Murray, Engineering Manager, and other members of the licensee staff.
- On December 18, 2023, the inspectors presented the emergency preparedness inspection results to R. Pauley, Emergency Preparedness 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	4698132	Install Thermal Covers on Empty HI Storms	08/23/2023	
		4713603	Heaters in MSIV Rebuild Building are Not Working	10/30/2023	
		4714534	DCS – Heaters Not Working in Dry Cask Storage Building	11/01/2023	
		4714554	1SH06AQ Fan Does Not Run	11/01/2023	
		4714555	0SH23AJ Fan Will Not Run and Needs Cleaning	11/01/2023	
		4714556	0SH23AN Fan Will Not Run and Needs Cleaning	11/01/2023	
		4714562	0SH23AR Fan Will Not Run	11/01/2023	
		4714563	0SH23AG Fan Will Not Run	11/01/2023	
		4714678	2SH15AB Fan Would Not Start. Winter Readiness	11/02/2023	
		4714679	2SH15AF Fan Would Not Start. Winter Readiness	11/02/2023	
		4714683	2SH15AH Fan Would Not Start. Winter Readiness	11/02/2023	
		4714684	2SH15AJ Fan Would Not Start. Winter Readiness	11/02/2023	
		4714686	2SH15AL Fan Would Not Start. Winter Readiness	11/02/2023	
		4714687	2SH15AS Fan Would Not Start. Winter Readiness	11/02/2023	
		4714688	2SH15AT Fan Would Not Start. Winter Readiness	11/02/2023	
		4714974	Dirty SH Heater	11/03/2023	
		4714976	SH Area Heater Fan Not Auto Starting	11/03/2023	
		4714977	SH Area Heater Fan Not Running	11/03/2023	
		4714978	SH Area Heater Fan Not Auto Starting	11/03/2023	
		4714981	SH Area Heater Fan Not Auto Starting	11/03/2023	
		4714982	SH Area Heater Fan Not Auto Starting	11/03/2023	
		4714984	SH Area Heater Fan Not Auto Starting	11/03/2023	
		4714986	Heater ESUH-2 Inoperable	11/03/2023	
		4716720	Unit 1 VA Supply Filters Need Changed Out	11/10/2023	
		4716988	Portion of TB Louvers Missing on 451	11/11/2023	
		4717221	Broken Louvers on 426 for Turbine Building Louver LV-6	11/13/2023	
		Procedures	0BOSR XFT-A1	Freezing Temperature Equipment Protection SH and Department Support Requirements	21
			0BOSR XFT-A2	Freezing Temperature Equipment Protection Auxiliary Steam Boilers	6
			0BOSR XFT-A3	Freezing Temperature Equipment Protection Plant	18

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Ventilation Systems	
		0BOSR XFT-A4	Freezing Temperature Equipment Protection Protected Area Buildings Ventilation Systems and Tanks	21
		0BOSR XFT-A5	Freezing Temperature Equipment Protection Non-Protected Area Buildings	18
		OP-AA-108-111-1001	Severe Weather and Natural Disaster Guidelines	27
		SA-AA-2114	Winter Safety	3
		WC-AA-107	Seasonal Readiness	25
71111.04	Drawings	M-135, Sheet 1B	Diagram of Reactor Coolant Loop 1	BD
		M-135, Sheet 2	Diagram of Reactor Coolant Loop 2	AQ
		M-135, Sheet 3	Diagram of Reactor Coolant Loop 3	AX
		M-135, Sheet 4	Diagram of Reactor Coolant Loop 4	AU
		M-136, Sheets 4, 5, and 6	Diagram of Safety Injection	AZ, P, and AL
		RC-14	Reactor Coolant	03/30/1981
		SI-32	Safety Injection	03/30/1981
		SI-34	Large Bore Isometric Safety Injection - SI	3
		SI-34	Safety Injection	06/02/1981
		SI-35	Large Bore Isometric Safety Injection - SI	3
		SI-36	Safety Injection Containment Building Unit 2	06/18/1981
		SI-40	Large Bore Isometric Safety Injection	6
	SI-50	Large Bore Isometric	2	
	Procedures	BOP RH-E2A	Residual Heat Removal System Train A Electrical Lineup	4
		BOP RH-M2A	Train A Residual Heat Removal System Valve Lineup	10
		BOP SX-E2A	Essential Service Water Train A Electrical Lineup	2
		BOP SX-M2A	Train A Essential Service Water System Valve Lineup	10
	71111.05	Corrective Action Documents	4706956	2B DOST Room has a Leaking FP Sprinkler Head
4707613			Concerns Associated with License Renewal Requirements	10/06/2023
4707706			Update Required to Fire Safe Shutdown Analysis	10/06/2023
4708108			0CO022 Leaking CO2	10/09/2023
4708130			Small Sparking Observed in 2AP15E (Substation 233Y)	10/09/2023
4708133			0CO046 Leaking CO2	10/09/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		4708137	0CO002 Leaking CO2	10/09/2023
		4708138	0CO003 CO2 Leak	10/09/2023
		4708221	0FP09AB-12 UT Inspection Results	10/09/2023
		4708223	0FP11AB-12 UT Inspection Results	10/09/2023
		4708245	2FP010 Dual Indication While Performing 2BOSR 3.2.9-2	10/09/2023
		4708313	Fire Protection Deluge Pipe Contacting Metal Bar Over 133Y	10/09/2023
		4708327	Active Track Supervisory Low Pressure Switch Alarm 2FP07J	10/09/2023
	Drawings	M-52-4	Diagram of Fire Protection	01/31/1996
	Engineering Changes	456114	Various Low Min Wall Evaluations for SX Lines for Rawwater Program EOC Inspections and Phased Array Inspections	01/11/2023
	Fire Plans	PRE-FIRE PLAN #132 FZ 11.4-0 NORTH	Aux. Bldg. 383'-0" Elev. General Area – North	4
		PRE-FIRE PLAN #137 FZ 11.4A	Aux. Bldg. 383'-0" Elev. Unit 1 1B Aux. Diesel Feedwater Pump and Day Tank Room	2
		PRE-FIRE PLAN #138 FZ 11.4A-2	AUX. BLDG. 383'-0" Elev. Unit 2 2B Aux. Diesel Feedwater Pump and Day Tank Room	3
		PRE-FIRE PLAN #67 FZ 8.3-2	Southwest Turbine Bldg. 401'-0" Elev. Unit 2 Turbine Bldg. – SW	4
		PRE-FIRE PLAN #89 FZ 9.1-2, FZ 9.4-2	Aux. Bldg. 401'-0" Elev. 2B Diesel Generator & Day Tank Room	2
		PRE-FIRE PLAN #91 FZ 9.2-2, FZ 9.3-2	Aux. Bldg. 401'-0" Elev. 2A Diesel Generator & Day Tank Room	3
		PRE-FIRE PLAN #93 FZ 10.1-2	Aux. Bldg. 383'-0" Elev. 2B Diesel Fuel Oil Storage Tank Room	2
		PRE-FIRE PLAN #95 FZ 10.2-2	Aux. Bldg. 383'-0" Elev. 2B Diesel Fuel Oil Storage Tank Room	2
	Procedures	0BOL 10.a	LCOAR Fire Detection Instrumentation TRM LCO # 3.10.a	20
		0BOL 10.d	LCOAR CO2 Systems TRM LCO # 3.10.d	14
		BOP CO-M2	Carbon Dioxide System Valve Lineup	11
	Work Orders	1549159	Fire Protection Deluge Pipe Contacting Metal Bar Over 133Y	10/10/2023



Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		5298154	WR for EOC UT on 0FP11AB	10/09/2023
		5298161	WR for EOC UT on 0FP09AB	10/09/2023
71111.06	Corrective Action Documents	1679989	UNIT 2 Buttress #6 Never Had a Drain Line Installed	07/09/2014
		2539344	Water in Containment Buttress #6	08/09/2015
		2668952	DF Side of Buttress #6 has Standing Rain Water	05/13/2016
		4032391	#6 Buttress West Side has ~2 Feet of Water in Bottom	07/17/2017
		4322434	Excessive Runtime U2 Tendon Tunnel Sump 2A	02/28/2020
		4323445	Discovery of Free Water in Five Unit 2 Tendons	03/03/2020
	Drawings	A-324	Containment Bldg. Tendon Tunnel Floor Plan	06/09/2009
	Miscellaneous	RS-20-085	Submittal of Relief Request I4R-18 for Byron Station, Units 1 and 2, Concerning Containment Unbonded Post-Tensioning System Inservice Inspection Requirements	07/24/2020
	Procedures	BOP TF-108	Pumping Tendon Tunnel Sump with Temporary Sump Pumps	0
	Work Orders	1548513	Standing Water in U2 Tendon Tunnel	10/02/2023
		5143028	Standing Water in The U-1 Tendon Tunnel	03/27/2023
71111.08P	Corrective Action Documents	04501664	Active Boric Acid Leak on 2FI-0631 Threaded Fittings	05/24/2022
		04506666	Active Boric Acid Leakage from Flange Upstream of 2SI077	06/21/2022
		04666344	2CV8516 Cation Inlet Isolation Leak	03/31/2023
		04678585	Inactive Boric Acid Leak on 2CS01AA-16" Bolted Flange	05/16/2023
	Corrective Action Documents Resulting from Inspection	04708911	NRC ID: Inadequate Evaluation on 2FE-0136 Bolting	10/11/2023
		04709467	NRC ID: Incorrect Methodology for 2SIE8A-2" Active Leakage	10/13/2023
	NDE Reports	B2R24-MT-001	Magnetic Particle Examination on 2SX06BB-16"	10/13/2023
		B2R24-PT-001	Liquid Penetrant Examination on RPV Head Penetration No. 68	10/14/2023
		B2R24-PT-002	Liquid Penetrant Examination on RPV Head Penetration No. 6	10/14/2023
		B2R24-UT-002	Ultrasonic Examination on 2RC14AD-2 Zone 6	10/11/2023
		B2R24-VEN-001	RPV Head Surface and Penetrations Bare Metal Visual Examination	10/16/2023
	Procedures	ER-AA-335-002	Liquid Penetrant (PT) Examination	12

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		ER-AA-335-003	Magnetic Particle (MT) Examination	10
		ER-AA-335-031	Ultrasonic Examination of Austenitic Piping Welds	10
		ER-AP-335-001	Bare Metal Visual Examination of Nickle Alloy Materials	8
	Work Orders	05091593-10	IST Disassembly and Inspection Welding on 2AF00A	0
71111.11Q	Procedures	2BGP 100-3	Power Ascension	105
		BOP FC-6	Shutdown Of A Purification Loop For The Refueling Cavity	13
		BOP RC-1	Startup of A Reactor Coolant Pump	49
		BOP RC-10b	Draining an Isolated Reactor Coolant Loop for Unit 2	31
		BOP RC-4	Reactor Coolant System Drain	27
		BOP RE-5	Inerting the RCDT	3
		BOP SI-23	Raising SI Accumulator Level in Mode 4, 5, or 6	12
		BOSR 0.1-5	Unit Two Mode 5 Shiftly and Daily Operating Surveillance	24
71111.12	Corrective Action Documents	0927465	3 Issues Identified on 1VD01CA Fan During DG Work Window	06/03/2009
		1252529	2A DG Vent Fan Failed to Start During 2BOSR 8.1.2-1	08/17/2011
		1567369	PI&R 2A DG Operability Concern	09/26/2013
		4714774	Low dP Alarm on 2A DG Vent Fan	11/02/2023
		4716165	EOC Work Due to DG Vent Fan Failure	11/08/2023
		4716167	EOC Work Due to DG Vent Fan Failure	11/08/2023
	Procedures	4716168	EOC Work Due to DG Vent Fan Failure	11/08/2023
		BOP DG-11T2	Diesel Generator Operating Log	22
		BOP VD-5	DG Room Ventilation System Operation	15
		BOP VD-6	Emergency Restoration of the DG Room Ventilation System	4
		ER-AA-20	Equipment Reliability Program Description	5
		ER-AA-200	Preventive Maintenance Program	7
		ER-AA-200-1001	Equipment Classification	8
		ER-AA-2002	System And Equipment Health Monitoring	24
		ER-AA-2003	System And Equipment Health Monitoring	17
		ER-AA-310-1002	Maintenance Rule Functions – Safety Significance Classification	3
ER-AA-320	Maintenance Rule Implementation per NEI 18-10	00		
MA-AA-716-230	Predictive Maintenance Program	12		
MA-AA-736-600	Torquing and Tightening of Bolted Connections	14		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.13	Miscellaneous	PORC Mtg: 23-020	B2R24 Shutdown Safety Plan	09/21/2023
71111.15	Corrective Action Documents	4540295	NRC-ID: 1CC685 Limit Control Scheme	12/01/2022
		4540308	NRC ID'd 2RY8000B Vale Factor Discrepancy	12/01/2022
		4541139	NRC ID – POV Inspection Valve Factor Application	12/06/2022
		4541231	NRC ID – Byron MOV Program Valve Factor Discrepancies	12/06/2022
		4701984	2RH8716B Options for Diagnostic Testing in B2R24	09/12/2023
		4707513	2AF013A Issues During Valve Stroke in The Open Direction	10/06/2023
		4707822	2AF005G Appeared to Not Fully Close Locally	10/07/2023
		4708074	2B Reactor Coolant Pump Abnormal Noises on Shutdown	10/09/2023
	Procedures	ER-AA-302-1001	MOV Rising Stem Motor Operated Valve Thrust and Torque Sizing and Set-Up Window Determination Methodology	14
		ER-AA-302-1006	Motor-Operated Valve Maintenance and Testing Guideline	21
	Work Orders	1632009	MOV PM, Actuator Inspection, Diagnostic Testing	10/07/2014
		5250359	PM Inspection, In-Service Diag Test, PIT	10/14/2023
	71111.20	Corrective Action Documents	4709459	2RC8003C has the Wrong Gear in it
4709630			Security - Fatigue Assessment	10/14/2023
Procedures		2BGP 100-2	Plant Startup	55
		2BGP 100-2A1	Reactor Startup	37
		2BGP 100-3	Power Ascension	105
		2BGP 100-3T2	Mode 2 to 1 Checklist	22
		OP-AA-106-101-1006	Operational Decision Making (ODM) Process	26
		OU-AA-101	Refuel Outage Management	31
OU-AP-104		Shutdown Safety Management Program Byron/Braidwood Annex	29	
71111.24	Corrective Action Documents	4377305	2PS9356B Doesn't Stroke Fully Open Following Maintenance	10/17/2020
		4377380	2PS9356B is not Operable	10/17/2020
		4403064	MOV 2SI8811B Actuator Grease at Grade 3	02/17/2021
		4418017	2E Incore Withdrawn Limit Switch Issue	04/21/2021
		4465875	2E Incore Withdrawn Limit Switch Failed PMT	12/10/2021
		4495518	B2R23 2PS9356B Failed as Left LLRT	04/25/2022

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		4497046	2PS9356B Requires New Solenoid REF WO 5089242-06	05/02/2022
		4701152	Potential Trend in 0A SX Makeup Pump Trips.	09/08/2023
		4701868	0A SX Makeup Pump Battery Charger Would Not Go on Equalize.	09/11/2023
		4709604	2B AF Pump Diesel Driver Cylinder and Piston Degradation	10/14/2023
		4710010	2PS9356B Failed As-Found LLRT at 36.6 SCFH	10/16/2023
		4711043	CeramAlloy Repairs Needed on 2B AF HX	10/19/2023
		4712979	2E Withdraw Limit Still Not Making Up	10/27/2023
		4714774	Low dP Alarm on 2A DG Vent Fan	11/02/2023
		4720421	Unexpected Alarm SX Makeup Pump Auto Start	11/29/2023
	Miscellaneous	#20-023	PORC Meeting Minutes for ER-AA-380 Appendix J Leakage Discussions	10/19/2020
	Procedures	2BGP 100-1T3	Mode 4 to 3 Checklist	25
		2BOSR 0.5-2.SI.2-4	Unit Two 2SI8801A and 2SI8801B Stroke Time and Position Indication Test	9
		2BOSR 1.6.1-1	Unit Two Predicted Critical Control Rod Position Surveillance	2
		2BOSR 5.5.8.AF.5-2a	Unit Two Group A Inservice Testing (IST) Requirements for the Diesel Driven Auxiliary Feedwater Pump 2AF01PB	10
		2BOSR 5.5.8.AF.5-2b	Unit Two Group B Inservice Testing (IST) Requirements for Diesel Driven Auxiliary Feedwater Pump 2AF01PB	13
		2BOSR 5.5.8.SI.5-1c	Unit Two Comprehensive Inservice Testing (IST) Requirements for Safety Injection Pump 2SI01PA	10
		2BOSR 6.1.1-25	Unit Two Primary Containment Type B Local Leakage Rate Test of Spare Containment Penetrations	8
		2BOSR 7.5.4-2	7.5.4-2 Unit Two Diesel Driven Auxiliary Feedwater Pump Monthly Surveillance	37
		2BOSR 7.5.7-2	Unit Two Train B Auxiliary Feedwater Flowpath Operability Surveillance Following Shutdown	10
		2BOSR 8.1.11-2	Unit Two 2B Diesel Generator Sequencer Test	24
	2BOSR 8.1.17-2	Unit Two 2B Diesel Generator SI Signal Override Test	26	
	2BOSR Z.7.a.1	Unit Two Auxiliary Feedwater Diesel Engine Starting Sequence and Overspeed Trip Test	6	
	2BVSR 3.a.1-1	Unit Two Moveable Incore Detectors' Operability Check	7	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		2BVSr 6.1.1-24	Unit 2 Summation of Primary Containment Type "B" & "C" Local Leakage Tests for Acceptance Criteria	19
		BMP 3203-1	Preventive Maintenance of Auxiliary Feedwater Pump Diesel Drive Unit	35
		BOP AF-1	Diesel Driven Aux Feedwater Pump Alignment to Standby Condition	30
		BOP AF-7	Diesel Driven Auxiliary Feedwater Pump B Startup on Recirc	63
		BOP AP-32	Synchronizing A SAT to A Bus Being Fed by A DG	4
		BOP CD/CB-3	Condensate/Condensate Booker System Fill and Vent	38
		BOP DG-1	Unit One/Two Diesel Generator Alignment to Standby Condition	21
		BOP DG-11	Diesel Generator Startup	29
		BOP IC-3	Moveable Incore Detectors Flux Mapping Procedure	27
		BOP IC-7	Moveable Incore Detector Operation	10
		BOP RH-6	Operation of the RH System in Shutdown Cooling	54
		BOP SI-1	Safety Injection System Startup	16
		BVP 500-31	Moveable Incore Detectors Core Limit Alignment Procedure	3
		BVP 800-39	Byron Containment Leakage Rate Testing Program	15
		CC-AA-201	Plant Barrier Control Program	14
		CC-AA-201-F-01	Plant Barrier Impairment Permit 23-199	1
		NF-AP-546	Power Distribution Monitoring System Calibration	19
		OU-AP-214, Attachment 9	Byron Station Transfer System Winch Load Cell Calibration	18
	Work Orders	1339886	Replace Live Load Packing Belleville Washers on 2AF004B	10/22/2023
		1342621	OPS - Post Maintenance Testing - STT/PIT 2SI8811B	10/03/2023
		1344261	Work Request Needed for Grease in 2SI8811B	10/03/2023
		1782794	AF Diesel Flywheel Inspection (Non-Intrusive)	10/25/2023
		1782795	Replace AF Diesel Fuel Injectors	10/25/2023
1782795		Replace AF Diesel Fuel Injectors	10/20/2023	
1914932		Rebuild Actuator, Replace Regulators / Replace Elastomers	10/17/2020	
4956020		Replace AF PP/Gearbox Lube Oil System Relief Valve	10/20/2023	
5088095		Failed PMT on 2SX176	10/20/2023	
5088844		Flowscan Valve 2SX168	10/19/2023	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		5089242	2PS9356B Doesn't Stroke Fully Open Following Maintenance	04/25/2022
		5126812	Inspect Motor Pinion Gear for Correct Size	10/03/2023
		5250145	2B Diesel Generator SI Signal Override Test	10/17/2023
		5250147	2B Diesel Generator Sequencer Test	10/18/2023
		5250154	2AF014G IST Disassembly and Inspection	10/25/2023
		5250156	AF Diesel Turbocharger Inspection	10/25/2023
		5250157	PM for AF Diesel	10/25/2023
		5250158	Change Grease in Couplings (2) per BMP 3229-1 Section	10/20/2023
		5250219	2B AF Valve Emergency Actuation Signal Verification Test	10/24/2023
		5250486	Replacement of the Fuel Shutoff Solenoid	10/25/2023
		5252245	2A/B Stagger - AF VLV Emerg ACT SIG Test	10/24/2023
		5256840	As Found LLRT of Spare CNMT Penetrations P-74	10/17/2023
		5256841	LLRT for P-64 – Spare	10/17/2023
		5258572	Aux Feedwater Diesel Prime Mover Inspection Schedule	10/25/2023
		5260502	MIDS Operability Check (Full Power Plateau)	10/27/2023
		5260503	MIDS Operability Check (Low Power Plateau)	10/29/2023
		5260507	Inspect 10 Path Transfer Unit & Plungers	10/27/2023
		5260819	Axial Flux Difference Single Point Calibration (>15% T)	10/27/2023
		5260982	AF004B Requires Packing Retorque in 1 Year or 1 Refuel Cycle	10/24/2023
		5267996	LR-2AF01AB - HX Inspection per Generic Letter 89-13	10/25/2023
		5267997	Replace Actuators with Refurbished Spare	10/22/2023
		5270811	LR-2SX02K - HX Inspection per Generic Letter 89-13	10/25/2023
		5270814	LR-2AF02A - HX Inspection per Generic Letter 89-13	10/25/2023
		5275678	2B AF Diesel Driven Pump Flexible Hoses Replacement	10/25/2023
		5291695	2SI01PA Comprehensive IST RQMTS for Safety Injection Pump	10/11/2023
		5295785	2SI01PB Comprehensive IST Rqmts for Safety Injection Pump	10/11/2023
		5303074	ECCS Subsystem Automatic Valve Actuation Test	10/03/20203
		5306202	Diesel Driven AF PP Insp to Support 2BVSR Z.7.A.1	10/21/2023
		5308035	Change Actuator on 2AF004B to CAT ID 01443459	10/24/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			EC 636842	
		5309497	EWP IM Support RXS with Emergent Issues During Fuel Moves	10/11/2023
		5315794	AF Diesel Rocker Covers, Exhaust Manifolds, and Insulation	10/25/2023
		5405605	0SX02PA Comprehensive IST Requirements for SX Makeup Pump	11/29/2023
		5406818	(NEIL) - 2B Diesel Driven AF Pump Monthly Surveillance	10/25/2023
		5406844	Quadrant Power Tilt Ratio Calculation	10/30/2023
		5406845	Axial Flux Difference Surveillance	10/30/2023
		5414289	Low dP Alarm on 2A DG Vent Fan	11/08/2023
		5415304	LR - 0A SX Makeup Pump Operability Surveillance	11/29/2023
71114.06	Corrective Action Documents	4721566	URI Shift Dose Assessment Training – Improper Scenarios	12/05/2023
		4722338	4Q2023 Unannounced Call-In Augmentation Drill Results	12/07/2023
		4723288	Byron Station Core Damage Assessment (CDAM) Drill 12-13-23	12/13/2023
		4723545	Cal Expiring on EP Van Inventory	12/14/2023
		4724510	TSC/OSC Audio Issues	12/19/2023
	Procedures	EP-AA-10	Emergency Preparedness Program Description	2
		EP-AA-1002	Radiological Emergency Plan Annex for Byron Station	37
		EP-AA-1002 Addendum 3	Emergency Action Levels for Byron Station	6
		EP-AA-11	Operating Stations Emergency Preparedness Process Description	8
		EP-AA-110	Assessment of Emergencies	12
		EP-AA-1101	EP Fundamentals	6
		EP-AA-1102	ERO Fundamentals	19
		EP-AA-112	Emergency Response Organization (ERO)/Emergency Response Facility (ERF) Activation and Operation	22
		EP-AA-112-200	TSC Activation and Operation	14
		EP-AA-112-300	Operations Support Center Activation and Operation	14
		EP-AA-112-300-F16	OSC Staff Guidelines	A

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
		EP-AA-115	Termination and Recovery	10	
		EP-AA-120	Emergency Plan Administration	22	
		EP-AA-122	Drills and Exercise Program	22	
		EP-AA-122-100	Drill and Exercise Planning and Scheduling	12	
		EP-AA-122-200	Drill and Exercise Execution	5	
		EP-AA-122-300	Drill and Exercise Evaluation	3	
		EP-AA-125	Emergency Preparedness Self Evaluation Process	12	
		EP-BY-1000	Byron Station Radiological Emergency Plan	0	
71124.01	Corrective Action Documents Resulting from Inspection	04709260	Procedure Revision Needed RP-BY-1003	10/13/2023	
71124.03	Miscellaneous	Checklist #: 2.12.2200.87	Respiratory SAR and SPR Monthly Checklist	07/28/2023	
		Checklist #: 2.12.2200.87	Respiratory SAR and SPR Monthly Checklist	09/28/2023	
		Respiratory SAR and SPR Monthly Checklist	Respiratory SAR and SPR Monthly Checklist	06/09/2023	
		S/N LA059454	Posi3 USB Test Results - Complete SCBA Test	07/19/2023	
		S/N LAG059463	Posi3 USB Test Results - Complete SCBA Test	07/20/2023	
		S/N LAG59457	Posi3 USB Test Results - Complete SCBA Test	07/18/2023	
		TRM Appendix K	Ventilation Filter Testing Program	1	
	Procedures	RP-AA-825	Maintenance, Care and Inspection of Respiratory Protective Equipment	9	
		RP-AA-825-101	Monthly Inspection and Maintenance of MSA FireHawk Mask Mounted Regulator SCBAs	3	
		RP-BY-825-1003	MSA FireHawk M7 Air Mask Self-Contained Breathing Apparatus (SCBA) and Quarterly Breathing Air Testing	5	
	Work Orders	05404427 01	Charcoal Adsorber 720 Hour Check	10/05/2023	
	71124.04	Miscellaneous	BYR-23-001	2023 Bioassay Program Annual Review at Byron Nuclear Power Station	03/15/2023
			RP-AA-302 Attachment 3	Unit 1 Alpha Area Level Assessment	05/26/2023



Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		RP-AA-302 Attachment 3	Unit 2 Alpha Area Level Assessment	06/22/2022
	Work Orders	05045238 01	0A Fuel Handling Building Exhaust Ventilation System Carbon	12/04/2020
		05125798 01	0A Fuel Handling Building Exhaust Ventilation System Carbon	12/09/2021
		05269152 01	0A Fuel Handling Building Exhaust Ventilation System Carbon	06/08/2023
71152A	Corrective Action Documents	4422870	0FP03PB Crankcase Breather Installed Without Evaluation	05/11/2021
		4425714	Parts Not Available for Scheduled Work due to Obsolescence	05/26/2021
		4427571	Part Not Available for Scheduled Work - Vendor Lead Time	06/04/2021
		4432445	Incorrect O-Ring Material Installed	06/30/2021
		4445949	1CV01FA - 1A CV Seal Injection Filter not Reserved/Available	09/13/2021
		4448192	Snubber Changed DRS for CID 1396543, 1033720, and 1226368	09/23/2021
		4494037	Incorrect Replacement Part Ordered for Troubleshooting	04/19/2022
		4495760	Incorrect Heat Exchangers Reserved for Work	04/26/2022
		4496678	Rebuild Kit Not Compatible with 2AF004B Actuator	04/26/2022
		4524190	Cat ID 318514 Installed Without Evaluation	09/23/2022
		4532749	New Firing Board CID 5704-1 Unexpected Configuration	10/27/2022
		4532996	EC 635940 Install Milestone Missed - Parts Not Ordered	10/19/2022
		4533917	Replacement Main Plug Installed Without Evaluation	11/01/2022
		4543088	0CW216B and 0CW217B Replacement Installed Opposite	12/15/2022
		4545606	Incorrect Batteries for FLEX Tractors	12/30/2022
		4558412	Material Not Available for WO Execution	03/01/2023
		4561752	1RH8701B Rotation Check Unsat	03/14/2023
		4671933	Bolting Issue for SXCT Windows	04/21/2023
		4688482	Replacement Wear Rings Installed Without Evaluation	07/03/2023
		4690368	1SI8812B Motor Mounting Bolts Not Long Enough	07/12/2023
4701738	2SI8808C B2R24 Replacement Motor Not Like for Like	09/11/2023		
4701952	1RH8701B - Installed Motor Constructed Using Alum vs	09/12/2023		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Magn	
		4709459	2RC8003C has the Wrong Gear in It	10/13/2023
		4709463	APS - 2RD01E MG Set Motor Lead Box Does Not Align	10/13/2023
		4709558	APS Expanded Scope - 2AS162 Vlv Internal Build Up	10/14/2023
		4709601	Incorrect Parts Stocked in Stores	10/14/2023
		4709918	Unit 2 Refuel Machine Main Hoist Wire Rope Issue	10/16/2023
		4709934	Incorrect POT Fuses Identified in Model Work Order	10/16/2023
		4715992	Question on Configuration of New Actuators	11/06/2023
		4716756	NRC ID: 2B DG Oil Leak from Cylinder 2R	11/09/2023
		4718769	2DG01KA Wear Metal Contamination	11/20/2023
		4720552	Supply Ops - BYR WH Ops Assessment Report Action Required	11/29/2023
		4721377	2A EDG Low Cylinder Peak Firing Pressure - 1L	12/04/2023
		4721470	Fuel Dilution in 2AF01PB-K Diesel Engine is in Alert Range	12/04/2023
		4722225	2B AF Diesel Crankcase Confirmatory Oil Sample Results	12/07/2023
	Miscellaneous	F2372 Volume 1	Vendor Technical Manual - Cooper Energy Services Diesel Engine Generator	12
		Various	Lube Oil Sample Results for Each of the Emergency Diesel Generators from July 2022 thru November of 2023	0
	Procedures	MA-AA-716-230-1001	Oil Analysis Interpretation Guideline	22
		MA-AA-716-230-1004	Lubricant Sampling Guideline	5
		SM-AA-102	Warehouse Operations	33
		SM-AA-300-1002	Bill of Material Development and Right Parts selection for Maintenance	11
SM-AA-404		Nuclear Material Procurement	32	
WC-AA-101-1002		On-Line Scheduling Process	25	
71152S	Corrective Action Documents	4489594	0A SX M/U Pump Fuel Oil Filter Bullseye Air Bubble	04/01/2022
		4490482	0A SX Makeup Pump Trip	04/05/2022
		4539770	0A SX Makeup Pump Trip	11/30/2022
		4687057	0A SX Makeup Pump Trip	06/27/2023
		4701020	0A SX Makeup Pump Trip	09/07/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Procedures	ER-AA-320	Maintenance Rule Implementation Per NEI 18-10	00
		PI-AA-125	Corrective Action Program Procedure	8