



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

July 24, 2023

Q. Shane Lies
Senior VP and Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

SUBJECT: DONALD C. COOK NUCLEAR PLANT – INTEGRATED INSPECTION REPORT
05000315/2023002 AND 05000316/2023002

Dear Q. Shane Lies:

On June 30, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Donald C. Cook Nuclear Plant. On July 17, 2023, the NRC inspectors 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 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 "Néstor J. Feliz Adorno".

Signed by Feliz-Adorno, Nestor
on 07/24/23

Néstor J. Feliz Adorno, Chief
Engineering and Reactor Projects Branch
Division of Operating Reactor Safety

Docket Nos. 05000315 and 05000316
License Nos. DPR-58 and DPR-74

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Q. Shane Lies from Néstor J. Félix Adorno dated July 24, 2023.

SUBJECT: DONALD C. COOK NUCLEAR PLANT – INTEGRATED INSPECTION REPORT
05000315/2023002 AND 05000316/2023002

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

Docket Numbers: 05000315 and 05000316

License Numbers: DPR-58 and DPR-74

Report Numbers: 05000315/2023002 and 05000316/2023002

Enterprise Identifier: I-2023-002-0051

Licensee: Indiana Michigan Power Company

Facility: Donald C. Cook Nuclear Plant

Location: Bridgman, MI

Inspection Dates: April 01, 2023 to June 30, 2023

Inspectors: S. Bell, Health Physicist
B. Bergeon, Senior Operations Engineer
T. Hartman, Senior Project Engineer
T. Hooker, Health Physicist
J. Mancuso, Resident Inspector
C. St. Peters, Acting Senior Resident Inspector

Approved By: Néstor J. Félix Adorno, Chief
Engineering and Reactor Projects Branch
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 Donald C. Cook Nuclear 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.

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	05000315/2022-003-00	LER 2022-003-00 for Donald C. Cook Nuclear Plant, Unit 1, Automatic Reactor Trip on Loss of Flow Due to Reactor Coolant Pump Trip	71153	Closed
LER	05000315/2022-003-01	LER 2022-003-01 for Donald C. Cook Nuclear Plant, Unit 1, Automatic Reactor Trip on Loss of Flow Due to Reactor Coolant Pump Trip	71153	Closed

PLANT STATUS

Unit 1 began the inspection period at rated thermal power. On April 18, 2023, power was reduced to approximately 49 percent to perform main feed pump (MFP) water box cleaning and MFP control valve maintenance. The unit returned to rated thermal power on April 21, 2023, and remained at or near full rated thermal power for the remainder of the inspection period.

Unit 2 began the inspection period at rated thermal power and remained at or near full rated thermal power for 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

71111.04 - 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 west residual heat removal (RHR) train on April 6, 2023
- (2) Unit 2 "CD" emergency diesel generator (EDG) after test run on April 14, 2023
- (3) Unit 1 east motor driven auxiliary feedwater pump (MDAFW) on June 5 through June 9, 2023

71111.05 - Fire Protection

Fire Area Walkdown and Inspection Sample (IP Section 03.01) (4 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 1 and 2 main feedwater pump areas, Fire Zones 91, 92, 96, and 99 on April 26, 2023
- (2) Unit 1 charging pump areas, Fire Zones 62 A/B/C, elevation 587' on April 27, 2023
- (3) Unit 2 AB diesel generator room, Fire Zone 19, elevation 587' on May 24, 2023

- (4) essential service water (ESW) pump 1E/1W/2E/2W, Fire Zones 29A/B/C/D, elevation 591' on May 30, 2023

Fire Brigade Drill Performance Sample (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated the on-site fire brigade training and performance during an announced fire drill on May 9, 2023.

71111.06 - Flood Protection Measures

Flooding Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated internal flooding mitigation protections for the Unit 1 charging pumps on June 20 through 23, 2023.

71111.11Q - Licensed Operator Requalification Program and Licensed Operator Performance

Licensed Operator Requalification Training/Examinations (IP Section 03.02) (1 Sample)

- (1) The inspectors observed and evaluated an emergency planning drill in the simulator on May 16, 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) Unit 2 main feedwater a(1) plan on May 23 through June 5, 2023

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample (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 1 work control during down power on April 19, 2023
- (2) risk control work control during 4kV bus degraded voltage relay work on May 3, 2023
- (3) protected equipment in response to a K7 geomagnetic storm warning on May 11, 2023

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 03.01) (4 Samples)

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

- (1) Action Request (AR) 2002-8198; 1-CCW-256 Went Closed Past Its Closed Seat on April 3, 2023
- (2) AR 2023-2822; 2-PP-35W Casing Bolt Thread Engagement Less than Flush on April 6, 2023
- (3) AR 2023-2707; 1-BATT-CD High Cell Resistance on April 3, 2023
- (4) AR 2023-3961; Borax Residue On/Around/Above 1-HV-AES-1 on May 24, 2023

71111.18 - Plant Modifications

Temporary Modifications and/or Permanent Modifications (IP Section 03.01 and/or 03.02) (1 Sample)

The inspectors evaluated the following temporary or permanent modifications:

- (1) Engineering Change (EC) 53366: Replace EDG Fuel Oil Transfer Pump 1-QT-106-CD2, June 13 through 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) (4 Samples)

- (1) Unit 1 east MDAFW pump test following breaker failure on April 8, 2023
- (2) diesel driven fire pump following planned work on April 25, 2023
- (3) Unit 1 east component cooling water post-maintenance test following planned work on May 8, 2023
- (4) Unit 2 2-VCR-104, containment lower compartment purge exhaust train 'A' CIV solenoid replacement and post-maintenance test on June 2, 2023

Surveillance Testing (IP Section 03.01) (3 Samples)

- (1) Unit 2 AB EDG Slow Start on April 25, 2023
- (2) Nuclear Instrumentation Power Range Channel Operational Test and Calibration with New Flux Data Equivalent Voltages, on May 10, 2023
- (3) 1-OHP-4030-117-050W; Unit 1 west RHR Pump Operability Test on May 31, 2023

Inservice Testing (IST) (IP Section 03.01) (2 Samples)

- (1) ESW full flow test on May 10, 2023
- (2) 1-OHP-4030-109-007E; east containment spray system test on May 22, 2023

Diverse and Flexible Coping Strategies (FLEX) Testing (IP Section 03.02) (1 Sample)

- (1) FLEX reactor coolant system functional test on June 27, 2023

71114.06 - Drill Evaluation

Drill/Training Evolution Observation (IP Section 03.02) (1 Sample)

The inspectors evaluated:

- (1) Emergency Response Organization dress rehearsal 2 drill, for Team 4 on April 25, 2023

RADIATION SAFETY

71124.05 - Radiation Monitoring Instrumentation

Walkdowns and Observations (IP Section 03.01) (9 Samples)

The inspectors observed the following radiation detection instrumentation during plant walkdowns:

- (1) The portable radiation survey instrumentation available for use at the radiation protection instrumentation laboratory and the radiation protection access control facility
- (2) A source check of whole body counter FS-1 in the radiation protection access control building
- (3) Periodic performance tests of the following radiation survey monitors in the radiation protection access control building's instrument storage area using the Hopewell irradiator: E600-2623 and associated HP270 probe, RDS-31-710750, Telepole-083, and RM20-959
- (4) Periodic performance tests of the following ion chambers in the radiation protection access control building's instrument storage area using the Hopewell irradiator: R020-4375 and Victoreen 451-1313
- (5) A source check of the following equipment at the exit of the radiologically controlled area in the radiation protection access control building: the small area monitors SAM12-153 and SAM12-147, the gamma exit monitor GEM5-1, and the whole body contamination monitor ARGOS-6
- (6) A calibration of the liquid scintillation counter SGL049191214 in the chemistry lab on elevation 636' in the turbine building
- (7) The following continuous air monitors in the corresponding locations: AMS-4-527 in the radiation waste handling building on the 609' elevation, AMS-4-579 in the spent fuel pool room on the 650' elevation, and ABPM-130 in the high-level radiative waste drumming room on the 587'/591' elevation of the auxiliary building
- (8) Multiple area radiation monitors on the 587'/591', 609'/612', and 650' elevations of the auxiliary building
- (9) The following discharge monitors: the liquid effluent monitor 12-RRS-1001-B-DET and the Unit 1 gaseous effluent vent stack gamma monitor 1-VRS-1506

Calibration and Testing Program (IP Section 03.02) (13 Samples)

The inspectors evaluated the calibration and testing of the following radiation detection instruments:

- (1) Ortec Fastscan Whole Body Counter, Serial Number FS-1

- (2) Hopewell Designs Box Calibrator, Serial Number G10-2-2600-2SR
- (3) Mirion iDC-3000 Calibrator, Serial Number 171701
- (4) Containment High Range Area Monitor, 1VRA-1410
- (5) Mirion RDS Survey Instrument, Serial Number 712426
- (6) Victoreen V451 Survey Instrument, Serial Number 1312
- (7) Mirion Alpha Beta Particulate Monitor, Serial Number ABPM-130
- (8) OneSource Liquid Scintillation Counter, Serial Number SGL049191214
- (9) Canberra Gamma Spectroscopy, Serial Number 11923598
- (10) Mirion Gamma Exit Monitor, GEM-5-1
- (11) Mirion Personnel Contamination Monitor, ARGOS-6
- (12) ThermoScientific Small Articles Monitor, SAM12-153
- (13) Mirion Telescopic Radiation Survey Meter, TelePole-083

Effluent Monitoring Calibration and Testing Program Sample (IP Section 03.03) (2 Samples)

The inspectors evaluated the calibration and maintenance of the following radioactive effluent monitoring and measurement instrumentation:

- (1) Radioactive Liquid Waste Disposal Effluent Monitor, 12-RRS-1001-B
- (2) Unit 1 Auxiliary Building Vent Noble Gas Effluent Monitor, 1 VRS1505A

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

MS07: High Pressure Injection Systems (IP Section 02.06) (2 Samples)

- (1) Unit 1 (April 1, 2022 through March 31, 2023)
- (2) Unit 2 (April 1, 2022 through March 31, 2023)

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

- (1) Unit 1 (April 1, 2022 through March 31, 2023)
- (2) Unit 2 (April 1, 2022 through March 31, 2023)

71152A - 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) AR 2023-3136, U1 MT Stop Valve #2 failed to fully close during Surv Test, 04/20/2023
- (2) AR 2023-3174, LCO 3.7.10 Training Requested, 04/21/2023

71152S - Semiannual Trend Problem Identification and Resolution

Semiannual Trend Review (Section 03.02) (1 Sample)

- (1) The inspectors conducted a semiannual review of the licensee's Corrective Action Program (CAP) for potential adverse trends with the effects of software in digital controllers that might be indicative of a more significant safety concern on May 30, 2023.

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

Event Report (IP Section 03.02) (2 Samples)

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

- (1) LER 2022-003-00 for Donald C. Cook Nuclear Plant Unit 1, Automatic Reactor Trip on Loss of Flow Due to Reactor Coolant Pump Trip, (ADAMS Accession No. [ML22292A277](#)). The inspectors determined that it was not reasonable to foresee or correct the cause discussed in the LER, therefore no performance deficiency was identified. The inspectors did not identify a violation of NRC requirements. This LER is Closed.
- (2) LER 2022-003-01 for Donald C. Cook Nuclear Plant Unit 1, Automatic Trip on Loss of Flow Due to Reactor Coolant Pump Trip, (ADAMS Accession No. [ML23053A162](#)). The inspectors determined that it was not reasonable to foresee or correct the cause discussed in the LER, therefore no performance deficiency was identified. The inspectors did not identify a violation of NRC requirements. This LER is Closed.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On July 17, 2023, the inspectors presented the integrated inspection results to Q. S. Lies, Senior Vice President and Chief Nuclear Officer, and other members of the licensee staff.
- On May 11, 2023, the inspectors presented the radiation protection inspection results to Q. S. Lies, Senior Vice President and Chief Nuclear Officer, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.04	Corrective Action Documents Resulting from Inspection	AR 2023-2814	NRC ID: Unused Rad Bag Found in RCA	04/06/2023
		AR 2023-2822	2-PP-35W Casing Bolt Thread Engagement Less Than Flush	04/06/2023
	Drawings	OP-1-5151A-51	Flow Diagram Emergency Diesel Generator "AB" Unit No. 1	07/13/2021
		OP-1-5151B-64	Flow Diagram Emergency Diesel Generator "AB" Unit #1	05/11/2022
		OP-2-5143	Flow Diagram Emerg. Core Cooling (RHR) Unit No. 2	78
	Procedures	1-OHP-4030-156-01	East Motor Driven Auxiliary Feedwater System Test - East MDAFP Valve Lineup	22
		2-OHP-4021-032-008CD	DG2CD Lube Oil System Valves	36
		2-OHP-4030-208-053V	E.C.C.S. Valve Position Verification	9
	71111.05	Fire Plans	Fire Pre-Plans - Volume 1	Fire Zone 62B Centrifugal Charging Pump Unit 1 Elev. 587'-0"
Fire Pre-Plans - Volume 1			Fire Zone 91 Turbine Building Unit 1 (S.E. Portion) Elev. 609'-0"	43
Pre-Fire Plans Volume 1			Fire Zone 19, 2 AB Diesel Generator Room, Unit 2, Elevation 587'	44
Pre-Fire Plans Volume 1			Fire Zone 29B - Essential Service Water Pump 1W Unit 1 Elev. 591'	43
Pre-Fire Plans Volume 1			Fire Zone 29C - Essential Service Water Pump 2E, Unit 2 Elev. 591'	43
Pre-Fire Plans Volume 1			Fire Zone 29D - Essential Service Water Pump 2W Unit 2 Elev. 591'	44
Pre-Fire Plans Volume 1			Fire Area AA 32	43
Pre-Fire Plans Volume 1			Fire Area AA 33	43
Pre-Fire Plans Volume 1			Fire Zone 29A, Essential Service Water Pump 1E, Unit 1, Elevation 591'	43
Miscellaneous			Cook Nuclear Plant Fire Drill Package OHI-2270, Fire Drills	01

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			FP-E-9500/Fire Drill	00
		223-001-A, Fire Drill Package	Fire Pump House MCC	06/22/2023
	Procedures	12-FPP-2270-066-001	Portable Fire Extinguisher Inspections	53
		12-OHP-4025-001-002	Fire Response Guidelines	26
		DTG-OPFP-002	Periodic Review of Fire Pre-Plans	2
		Fire Pre-Plans Volume 1	Fire Zone 91 Turbine Building Unit 1 (S.E. Portion) Elev. 609'0"	43
		Fire Pre-Plans Volume 1	Fire Zone 92 Turbine Building Unit 1 (S.W. Portion) Elev. 609'0"	43
		Fire Pre-Plans Volume 1	Fire Zone 96 Turbine Building Unit 1 (N.E. Portion) Elev. 609'0"	43
		Fire Pre-Plans Volume 1	Fire Zone 99 Turbine Building Unit 1 (N.W. Portion) Elev. 609'0"	43
		Fire Pre-Plans Volume 1	Fire Area AA 54 Unit 2 Control Room Elev. 633'-0"	43
71111.06	Calculations	PRA-FLOOD-004	Internal Flooding - Qualitative Screening Analysis	06/30/2017
		PRA-FLOOD-007	Floor Drains Capacity	12/11/2012
		PRA-FLOOD-008	Flood Sources and the Associated Flood Mechanisms	06/30/2017
		PRA-FLOOD-013	Internal Flood Human Reliability Analysis	06/30/2017
		PRA-FLOOD-014	Internal Flood Detailed Analysis	06/19/2006
71111.12	Corrective Action Documents	2023-1564	Generate and Present (a)(1) Consideration for FW-01	02/22/2023
	Miscellaneous		Cook Nuclear Plant Excellence Plan Indicator	05/01/2023–05/31/2023
			Maintenance Rule Scoping Main Feedwater	3
		DB-12-FW	Design Basis Document for the Main Feedwater System	02/27/2023
	Procedures	12-EHP-5035-MRP-001	Maintenance Rule Program Administration	032
DTG-MRE-001		Maintenance Rule Evaluation	3	
71111.13	Procedures	PMP-2291-OLR-001	On-Line Risk Management	54

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.15	Corrective Action Documents	AR 2020-8198	1-CCW-256 Went Closed Past Its Closed Seat	10/05/2020
		AR 2023-2707	1-BATT-CD High Cell Resistance	04/03/2023
		AR 2023-2822	2-PP-35W Casing Bolt Thread Engagement Less Than Flush	04/06/2023
		AR 2023-3961	Borax Residue On/Around/Above 1-HV-AES-1	05/23/2023
	Drawings	12-CCW-50	Component Cooling Water	50
		OP-1-5135	Flow Diagram: CCW Pumps and CCW Heat Exchangers	44
	Procedures	1-OHP-4022-016-004	Loss of Component Cooling	26
PMI-7030		Corrective Action Program	47	
PMP-7030-OPR-001		Operability Determination	39	
71111.18	Engineering Changes	EC-53366	Replace EDG Fuel Oil Transfer Pump 1-QT-106-CD2	0
	Miscellaneous	FCR-53366-001	Field Change Request: Replace EDG Fuel Oil Transfer Pump 1-QT-106-CD2	0
	Procedures	1-OHP-4030-132-027CD, Attachment 6	CD Diesel Generator Operability Test (Train A): Fuel Oil Transfer Pump 1-QT-106-CD2 Auto Start Test and In Service Test [IST]	73
	Work Orders	55353006-09	1-QT-106-CD2: Replace Pump EC-53366	05/23/2023
71111.24	Procedures	1-OHP-4030-109-007E	East Containment Spray System Operability and Group B Pump Test	05/06/2023
		1-OHP-4030-109-007E	East Containment Spray System Test	45
		1-OHP-4030-117-050W	West Residual Heat Removal Train Operability Test Modes 1-4	22
		12-OHP-4021-066-001	Fire Protection System (Water) Operation; Start and Stop of the West Diesel Fire Pump	04/25/2023
		2-OHP-4030-232-027AB	AB Diesel Generator Operability Test (Train B)	04/25/2023
	Work Orders	55467358-01	12-FLEX-PP-103-10 & 11; FLEX Blended RCS Makeup Pumps Engine Functional Test	06/27/2023
		C10029304001	2-XSO-124: Install ASCO Solenoid Valve for 2-VCR-104	05/31/2023
		C1002934005	2-XSO-124: Perform PMT	05/31/2023
		C10050318001	Perform Power Range Calibration for 2-NRI-44	05/04/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		C10050643001	MTE, Replace Breaker, 12-BKR-V-407	04/08/2023
		C10050695001	MTE: 12-BKR-V-4070 Repair Breaker	04/11/2023
71114.06	Miscellaneous	Scenario Manual	DC Cook Emergency Response Organization Dress Rehearsal 2 Team 4	04/25/2023
71124.05	Calibration Records		Mirion Alpha Beta Particulate Monitor, Serial Number ABPM-130	10/06/2022
			Mirion iDC-3000 Calibrator, Serial Number 171701	06/22/2022
			Victoreen V451, Serial Number 1312	02/08/2023
			Mirion RDS Survey Instrument, Serial Number 712426 with Probe GMP12, Serial Number 330180	01/07/2023
			JL Shepherd Model 89, Serial Number 1	11/10/2021
		ASP-9872	Model 877 and Model 896A Victoreen Containment High Range Area Monitor	03/31/1986
		FS-1	Ortec Fastscan Whole Body Counter	07/06/2022
		G10-2-2600-2SR	Hopewell Designs Box Calibrator	09/29/2022
		WO 5556426701	Radioactive Liquid Waste Disposal Effluent Monitor, 12-RRS-1001-B	04/27/2022
		WO 5556579101	Containment High Range Monitor, 1 VRA-1401	05/11/2022
	WO C10005186001	Unit 1 Auxiliary Building Vent Gaseous Noble Gas Effluent Monitor, 1VRS1505A	12/05/2022	
	Corrective Action Documents	AR 2021-5151	Radiation Protection Instrument Calibration Source for the Hopewell BX-3 is Broken	06/14/2022
		AR 2021-7370	Water Observed when Changing Filters on 2-VRS-2500A	08/26/2021
		AR 2021-7596	2-VRS-2500A Alarming due to Water Intrusion	09/08/2021
		AR 2022-8294	Use History Analysis: As Found Calibration Could not be Collected on Radiation Protection WBC1	10/16/2022
		AR 2022-8392	Sample Flow on 1-SRA-1800 is Out of Range	10/18/2022
	Miscellaneous		Radioactive Sealed Source Certificates (ICN 2391, 2392,2374, and 2377)	Various
			Radiochemistry Interlaboratory Comparison Data Third Quarter 2021 through First Quarter 2023	Various
	Procedures	12-THP-4030-013-002	Mirion Liquid Process Monitor Calibration	10
		12-THP-4030-	Mirion NGM 216 Normal Range Noble Gas Monitor	5

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		013-005		
		12-THP-6010-RPC-570	Calibration of the Argos-5 Personnel Monitors	10
		12-THP-6010-RPC-571	Calibration of the Canberra GEM-5 Portal Monitor	6
		12-THP-6010-RPC-596	Calibration of the Thermo Scientific Small Article Monitor SAM-12	6
		12-THP-6010-RPI-805	Radiation Monitoring System Setpoints	33
	Self-Assessments	2022-8066-2	Radiation Protection Instrumentation	Undated
71151	Procedures	PMP-7110-PIP-001	Reactor Oversight Program Performance Indicators and Monthly Operating Report Data	21
71152S	Corrective Action Documents	AR 2022-4193	PPC2 Point L9000 for U-2 CCW Surge Tank Level	05/12/2022
		AR 2022-7750	RMS "Apply" Button did not Function as Anticipated	09/29/2022
		AR 2023-0249	12-EHP-5040-DICE-001 Insufficient for Digital Changes	01/10/2023
		AR 2023-1708	1-VR5-1510 Setpoint Change Dropped Exponent During Change	02/27/2023
		AR 2023-3163	U1 MT Stop Valve #2 Failed to fully Close during Surv Test	04/20/2023
		AR 2023-3174	LCO 3.7.10 Training Requested	04/21/2023
		AR 2023-3262	12-RRS-1021 Indicates Software Malfunction	04/25/2023
		AR 2023-3566	As-Left Unseating Torque Above VDS Limit 1-WMO-733	05/08/2023
	AR 2023-4016	Long Stroke Time Due to Software Delays	05/25/2023	
	Procedures	1-EHP-4030-128-230	Unit 1 Control Room Tracer Gas Test	12
71153	Corrective Action Documents	AR 2022-9291	U2 Rx Trip	11/10/2022
	Engineering Changes	EC-53424	RCI Upgrade, Replace Feedwater Regulating Valve Positioners and Feedwater Isolation Solenoid Valves	21
	Procedures	12-IHP-6030-IMP-043	Air Operated Valves (AOV) with Digital Valve Positioner Diagnostics Testing and Calibration	6