



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

February 13, 2024

Jamie M. Coleman
Regulatory Affairs Director
Southern Nuclear Operating Co., Inc.
3535 Colonnade Parkway, N 274 EC
Birmingham, AL 35243

**SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNIT 3 & 4 – INTEGRATED
INSPECTION REPORT 05200025/2023004 AND 05200026/2023004**

Dear Jamie Coleman:

On December 31, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Vogtle Electric Generating Plant (VEGP), Unit 3 & 4 and discussed the results of this inspection with Mr. Patrick Martino, VEGP Units 3 & 4 Site Vice President, and other members of your staff. The results of this inspection are documented in the enclosed report.

One finding of very low safety significance (Green) is documented in this report. This finding involved a violation of NRC requirements. 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 II; the Director, Office of Enforcement; and the NRC Resident Inspector at Vogtle Electric Generating Plant, Unit 3 & 4.

If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region II; and the NRC Resident Inspector at Vogtle Electric Generating Plant, Unit 3 & 4.

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,

 Signed by Davis, Bradley
on 02/13/24

Bradley J. Davis, Chief
Construction Inspection Branch 2
Division of Construction Oversight

Docket Nos. 05200025 and 05200026
License Nos. NPF-91 and NPF-92

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNIT 3 & 4 – INTEGRATED INSPECTION REPORT 05200025/2023004 AND 05200026/2023004 DATED FEBRUARY 13, 2024

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

Docket Numbers: 05200025 and 05200026

License Numbers: NPF-91 and NPF-92

Report Numbers: 05200025/2023004 and 05200026/2023004

Enterprise Identifier: I-2023-004-0073

Licensee: Southern Nuclear Operating Company, Inc.

Facility: Vogtle Electric Generating Plant, Unit 3 & 4

Location: Waynesboro, GA

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

Inspectors: B. Caballero, Senior Operations Engineer
J. Eargle, Senior Resident Inspector
S. Egli, Senior Construction Inspector
C. Even, Senior Reactor Inspector
B. Griman, Resident Inspector
B. Kemker, Senior Resident Inspector
J. Parent, Resident Inspector
J. Walker, Senior Emergency Preparedness Inspector

Approved By: Bradley J. Davis, Chief
Construction Inspection Branch 2
Division of Construction Oversight

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee’s performance by conducting an integrated inspection at Vogtle Electric Generating Plant, Unit 3 & 4, 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

Failure to Adequately Implement Containment Closeout Resulting in Loose Debris and Unanalyzed Materials Left in Unit 4 Containment			
Cornerstone	Significance	Cross-Cutting Aspect	Report Section
Mitigating Systems	Green NCV 05200026/2023004-01 Open/Closed	[H.2] - Field Presence	71111.20
The inspectors identified a finding of very low significance (Green) with an associated NCV of 10 CFR 50, Appendix B, Criterion V, “Instructions, Procedures, and Drawings” for the licensee's failure to properly implement their containment cleanliness and material control closeout procedure prior to and after Unit 4 entering Mode 4.			

Additional Tracking Items

Type	Issue Number	Title	Report Section	Status
LER	05200025/2023-006-00	LER 2023-006-00 for Vogtle Electric Generating Plant, Unit 3 Regarding Automatic Reactor Protection System Actuation During Startup Testing Due to Auto Reactive Power Regulator Being Active While In Island Mode Operation	71153	Closed

PLANT STATUS

Unit 3

Unit 3 was operated at or near 100% rated thermal power during the inspection period.

Unit 4

At the start of this inspection period, Unit 4 was in Mode 3 (Hot Standby) with the licensee investigating the cause for the 2A reactor coolant pump (RCP) trip on September 29.

On October 1, the licensee performed a plant cooldown and the unit entered Mode 4 (Safe Shutdown) to begin a maintenance outage for replacement of the 2A RCP pump motor prior to resumption of plant startup testing activities. The unit entered Mode 5 (Cold Shutdown) on October 3.

On December 23, the licensee completed its final maintenance outage activities and required testing, established conditions to begin plant heat up, and the unit entered Mode 4 (Safe Shutdown). On December 25, the licensee completed additional required testing and continued plant heat up for the unit to enter Mode 3 (Hot Standby). On December 30, the licensee performed a plant cooldown to Mode 4 (Safe Shutdown) and subsequently to Mode 5 (Cold Shutdown) on December 31 to address abnormal vibrations on trains B and D of ADS stage 4 piping.

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)

The inspectors evaluated readiness for seasonal extreme weather conditions prior to the onset of seasonal winter temperatures.

- (1) Passive Containment Cooling System during the weeks of November 26 and December 10, 2023.

71111.04 - Equipment Alignment

Partial Walkdown Sample [AP1000] (IP Section 03.01) (1 Sample)

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

- (1) Unit 3 passive containment cooling system during the week of October 29, 2023.

71111.05 - Fire Protection

Fire Area Walkdown and Inspection Sample [AP1000] (IP Section 03.01) (2 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 3 Diesel Generator Building on October 19, 2023.
- (2) Unit 4 PXS B and RNS Valve Room on October 26, 2023.

71111.06 - Flood Protection Measures

Flooding Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated internal flooding mitigation protection in the Unit 4 Auxiliary Building Elevation 66'6" on October 4, 2023.

71111.11A - Licensed Operator Requalification Program and Licensed Operator Performance

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

The licensee completed the annual requalification operating examinations and biennial written examinations required to be administered to all licensed operators in accordance with Title 10 of the *Code of Federal Regulations* 55.59(a)(2), "Requalification Requirements," of the NRC's "Operator's Licenses." The inspector performed an in-office review of the overall pass/fail results of the individual operating examinations, the crew simulator operating examinations, and the biennial written examinations in accordance with Inspection Procedure (IP) 71111.11, "Licensed Operator Requalification Program and Licensed Operator Performance." These results were compared to the thresholds established in Section 3.03, "Requalification Examination Results," of IP 71111.11.

- (1) The inspectors reviewed and evaluated the licensed operator examination failure rates following the administration of the requalification annual operating tests and the biennial written examinations administered, which the facility licensee completed on 9/27/23 and 9/28/23, respectively.

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 Main Control Room during performance of 4-GOP-102, "Draining the Reactor Coolant System (RCS)" on October 5, 2023.

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

- (1) The inspectors observed and evaluated licensed operator requalification training in the simulator on October 31, 2023.

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample [AP1000] (IP Section 03.01) (2 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 4 risk mitigation activities with the RCS at reduced inventory during the week of October 15, 2023.
- (2) Unit 3 online risk management of planned and emergent work activities during the week of November 26, 2023.

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment [AP1000] (IP Section 03.01) (3 Samples)

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

- (1) ODS-CR-11009833, Backleakage from RCS into CVS Makeup Line
- (2) 11017912-Unit 3-ODS, Potential Use of Plywood in Unit 3 Containment Elevator Construction
- (3) TE 1138793, Past Operability Review - Plywood in Unit 4 Containment Elevator

71111.20 - Refueling and Other Outage Activities

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

- (1) The inspectors evaluated the Unit 4 outage activities including the 2A reactor coolant pump replacement and the ADS stage 4 vibration issues from October 1 through December 31, 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) [AP1000] (IP Section 03.01) (2 Samples)

- (1) Work Order # SNC1599740, Re-install 4-RCS-PL-L095 to Support 4-RCS-MP-02A Restoration on November 20, 2023.
- (2) PCI Weld Process Traveler # 920484-005, Unit 4 / Pipe Support RCS-PH-11R2189 Reinstall on November 29, 2023.

Surveillance Testing [AP1000] (IP Section 03.01) (1 Sample)

- (1) 3-RLS-CSP-001, Hot Leg Grab Sample from RCS Train A on October 30, 2023.

71114.06 - Drill Evaluation

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

- (1) Emergency Preparedness Training Evolution on November 1, 2023.

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

The inspectors evaluated:

- (1) Emergency Preparedness Drill on October 10, 2023.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

EP01: Drill/Exercise Performance (DEP) Sample [AP1000] (IP Section 02.12) (1 Sample)

- (1) April 1, 2023 through December 31, 2023

EP02: Emergency Response Organization (ERO) Drill Participation [AP1000] (IP Section 02.13) (1 Sample)

- (1) April 1, 2023 through December 31, 2023

EP03: Alert And Notification System (ANS) Reliability Sample [AP1000] (IP Section 02.14) (1 Sample)

- (1) April 1, 2023 through December 31, 2023

BI01: Reactor Coolant System (RCS) Specific Activity Sample [AP1000] (IP Section 02.10) (1 Sample)

- (1) Unit 3 (March 13, 2023 through September 25, 2023)

BI02: RCS Leak Rate Sample [AP1000] (IP Section 02.11) (1 Sample)

- (1) Unit 3 (December 16, 2022 through October 30, 2023)

71152A - Annual Follow-up Problem Identification and Resolution

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

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

- (1) CAR 80000109, ADS Stage 4 Actuation Received during Maintenance Activity
- (2) CAR 507319, Foreign Material in Core Makeup Line
- (3) CAR 430119, Work Hour Rule Implementation Review

71152S - Semiannual Trend Problem Identification and Resolution

Semiannual Trend Review (Section 03.02) (1 Sample)

The inspectors reviewed the licensee's corrective action program and other licensee trending programs for potential adverse trends in its corrective action program (CAP) that might be indicative of a more significant safety issue.

- (1) Assessment and Observations

The inspectors determined the licensee's trending program was generally effective at identifying, monitoring, and correcting adverse performance trends before they could become more significant safety problems. The inspectors' evaluation did not reveal any new trends that would indicate a more significant safety issue. The inspectors determined, in most cases, issues were appropriately evaluated by the licensee's staff for potential trends at a low threshold and resolved within the scope of the CAP.

The inspectors observed a trend associated with an increase in CRs for personnel qualification standards (PQ&S) / fatigue/work hour waivers. The inspectors noted there were multiple CRs emphasizing the amount of fatigue/work hour waivers being processed. The inspectors also noted a trend with Level 2 CRs not being closed within 9 days in accordance with procedure ND-AD-002-028, "Corrective Action Program Instructions."

71153 - Follow Up of Events and Notices of Enforcement Discretion

Event Report [AP1000] (IP Section 03.02) (1 Sample)

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

- (1) LER 05200025/2023-006-00, "Automatic Reactor Protection System Actuation During Startup Testing Due to the Auto Reactive Power Regulator Being Active While in Island Mode Operation." (ADAMS Accession No. ML23262A958)

The inspectors determined the cause of the condition described in the LER was not reasonably within the licensee's ability to have foreseen and corrected and therefore was not reasonably preventable. No performance deficiency nor violation of NRC requirements was identified. This LER is closed.

INSPECTION RESULTS

Failure to Adequately Implement Containment Closeout Resulting in Loose Debris and Unanalyzed Materials Left in Unit 4 Containment			
Cornerstone	Significance	Cross-Cutting Aspect	Report Section
Mitigating Systems	Green NCV 05200026/2023004-01 Open/Closed	[H.2] - Field Presence	71111.20
<p>The inspectors identified a finding of very low significance (Green) with an associated NCV of 10 CFR 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings" for the licensee's failure to properly implement their containment cleanliness and material control closeout procedure prior to and after Unit 4 entering Mode 4.</p>			
<p><u>Description:</u> After the licensee had completed containment cleanliness activities in accordance with procedure 4-CNS-SOP-001 Attachment 4, "Containment Closeout Inspection," the inspectors identified loose debris and materials that were not allowed to be inside containment during operation without an evaluation by the licensee in accordance with its procedure. The primary purpose of this procedure was to ensure no loose debris/materials were left in containment prior to plant start up from an outage that could either contribute to recirculation sump screen blockage during a design basis accident or get transported into a direct vessel injection or a cold leg LOCA break that becomes submerged during a design basis accident.</p> <p>On September 20, the inspectors completed their independent verification of containment cleanliness prior to the licensee entering Mode 4. The inspectors identified fibrous and latent debris consisting of items such as lanyards, pig matting, wire brushes, metal clamps, tubing, paper, cords, plastic bottles, tape, and tie wraps. After identification of the material by the inspectors, the licensee removed these items from containment prior to entering Mode 4 on September 21, and Mode 3 on September 25, during which time the containment debris limits affecting operability of safety systems became applicable. The licensee documented the issue in their corrective action program as CRs 11009227 and 11014122.</p> <p>On October 1, the licensee transitioned the plant to Mode 4, and then transitioned the plant to Mode 5 on October 3. On October 10, the NRC inspectors entered containment and identified a 4ft x 6ft sheet of plywood in the containment elevator shaft. This sheet of plywood exceeded the design limits of 6.6lbs of fibrous material. The licensee entered this issue in their corrective action program as CR 11014112, and performed a past operability review because the fibrous material was inside containment while the plant was in Mode 4. Based on the location of the material being outside of the recirculation flowpath and the fact that the plant had never achieved initial criticality to produce latent heat, the licensee concluded that the plywood would not have affected the operability of the core heat removal function during a design basis accident. The plywood was removed from containment prior to the plant transitioning to Mode 4 on December 23.</p>			

Corrective Actions: The licensee entered this violation into its CAP as CRs 11009227, 11014122, and 11014112 to evaluate the cause and to identify appropriate corrective actions. The licensee took immediate corrective actions to remove the debris found by the inspectors and evaluated the past operability of the core heat removal function during a design basis accident.

Corrective Action References: CR 11009227, Debris Found During NRC Mode 4 Inspection, 09/22/2023
CR 11014122, GSI-191 Containment Cleanliness Debris Limits Exceeded, 10/10/2023
CR 11014112, 4' X 6' Sheet Of Plywood Found In U4 Containment Elevator Shaft, 10/10/2023

Performance Assessment:

Performance Deficiency: The licensee's failure to perform an adequate containment cleanliness and material control closeout prior to and after Unit 4 entering Mode 4 in accordance with procedure 4-CNS-SOP-001 Attachment 4 was a performance deficiency.

Screening: The inspectors determined the performance deficiency was more than minor because it was associated with the Equipment Performance attribute of the Mitigating Systems cornerstone and adversely affected the cornerstone objective to ensure the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences. The inspectors determined the performance deficiency was more than minor because it was associated with the Equipment Performance attribute of the Mitigating Systems cornerstone and adversely affected the cornerstone objective to ensure the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences. Specifically, loose materials/debris in containment could result in the materials/debris being transported to the recirculation sump screens in the event of design basis accident and adversely affect the sump performance or get transported into a direct vessel injection or a cold leg LOCA break that becomes submerged during a design basis accident and collect in reactor core flow channels.

Significance: The inspectors assessed the significance of the finding using IMC 0609 Appendix G, "Shutdown Safety SDP." The inspectors assessed the significance of the finding using IMC 0609 Appendix G, "Shutdown Operations Significance Determination Process." The inspectors performed a Phase 1 SDP review of this finding using IMC 0609, Appendix G, Attachment 1, "Shutdown Operations Significance Determination Process Phase 1 Initial Screening and Characterization of Findings," and determined this finding was of very low safety significance (Green) based on "No" answers to all of the Exhibit 3 – Mitigating Systems Screening Questions.

Cross-Cutting Aspect: H.2 - Field Presence: Leaders are commonly seen in the work areas of the plant observing, coaching, and reinforcing standards and expectations. Deviations from standards and expectations are corrected promptly. Senior managers ensure supervisory and management oversight of work activities, including contractors and supplemental personnel.
H.2 - Field Presence: Leaders are commonly seen in the work areas of the plant observing, coaching, and reinforcing standards and expectations. Deviations from standards and expectations are corrected promptly. Senior managers ensure supervisory and management oversight of work activities, including contractors and supplemental personnel.

The inspectors determined the finding had a cross-cutting aspect of Field Presence in the Human Performance area because the licensee failed to ensure adequate supervisory and

management oversight of the containment closeout process was conducted to ensure proper performance of containment cleanliness and material control closeout procedures prior to and after Unit 4 entered Mode 4.

Enforcement:

Violation: 10 CFR 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings" states, in part, that activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings.

3-CNS-SOP-001, Attachment 4, Step 4.5.a states: "Locally check loose debris is NOT present in accessible areas of containment. IF loose debris is present in containment, THEN perform one of the following:

- Remove debris

OR

- Document presence of debris per B-GEN-ENG-032-002, 'Control of Unattended Temporary Material in Containment in Modes 1-4.'

Contrary to the above, from September 20, 2023, through October 10, 2023, NRC inspectors identified loose materials/debris, including fibrous materials, present in the Unit 4 containment without it having been documented or evaluated as acceptable to remain in containment in Modes 1 – 4.

Enforcement Action: This violation is being treated as a non-cited violation, consistent with Section 2.3.2 of the Enforcement Policy.

EXIT MEETINGS AND DEBRIEFS

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

- On January 23, 2024, the inspectors presented the integrated inspection results to Mr. Patrick Martino, VEGP 3&4 Site Vice President, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.01	Procedures	3-PCS-SOP-001	Passive Containment Cooling System	Version 3.0
71111.01	Procedures	4-PCS-SOP-001	Passive Containment Cooling System	Version 1.0
71111.01	Procedures	B-GEN-OPS-009	Cold Weather Checklist	Version 4.0
71111.01	Procedures	NMP-OS-017	Severe Weather	Version 3.1
71111.04	Drawings	APP-PCS-M6-001	Piping and Instrumentation Diagram Passive Containment Cooling System	Revision 12
71111.04	Drawings	APP-PCS-M6-002	Piping and Instrumentation Diagram Passive Containment Cooling System	Revision 14
71111.04	Drawings	APP-PCS-M6-003	Piping and Instrumentation Diagram Passive Containment Cooling System	Revision 10
71111.04	Drawings	APP-PCS-M6-004	Piping and Instrumentation Diagram Passive Containment Cooling System	Revision 10
71111.04	Procedures	3-PCS-SOP-001	Passive Containment Cooling System	Version 3.0
71111.05	Corrective Action Documents Resulting from Inspection	CR 11016977	NRC Identified Housekeeping Issues in Unit 3 Diesel Building A & B	
71111.05	Fire Plans	B-PFP-ENG-001-F3101	Pre-Fire Plan - Containment Building EL 82'-6"	Version 2.0
71111.05	Fire Plans	B-PFP-ENG-001-F3102	Pre-Fire Plan - Containment Building EL 92'-6"	Version 2.0
71111.05	Fire Plans	B-PFP-ENG-001-F3600	Pre-Fire Plan - Diesel Generator Building	Version 4.0
71111.06	Corrective Action Documents	CR 10977535		
71111.06	Corrective Action Documents	CR 50178817		
71111.06	Miscellaneous		Vogtle 3&4 QA Monthly Report	August 2023
71111.06	Miscellaneous		VEGP 3&4 UFSAR	
71111.06	Procedures	4-AOP-908	Internal Flooding Response	1.0
71111.06	Procedures	4-AOP-908-B	Background document for 4-AOP-908 Internal Flooding Response	1.0

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.11Q	Procedures	4-GOP-102	Draining the Reactor Coolant System (RCS)	Version 3.0
71111.13	Corrective Action Documents	CR 11015501	Unexpected alarm on A Diesel Generator.	10/15/2023
71111.13	Miscellaneous		Work Logs Review	10/15/2023
71111.13	Procedures	B-ADM-OPS-018	Protected Division and Protected Equipment Program	Version 3.0
71111.13	Procedures	B-ADM-OPS-018	Protected Division and Protected Equipment Program	Version 3.0
71111.13	Procedures	NMP-DP-001	Operational Risk Awareness	Version 24.3
71111.13	Procedures	NMP-GM-031	On-Line Configuration Risk Management Program	Version 9.4
71111.13	Procedures	NMP-GM-031-001	Online Maintenance Rule (a)(4) Risk Calculations	Version 8.0
71111.15	Corrective Action Documents	CR 11014112	4' x 6' 3/4" Sheet Of Plywood Found In U4 Containment Elevator Shaft	10/20/2023
71111.15	Corrective Action Documents	CR 11009833	Back-leakage from RCS into CVS Makeup lines	09/25/2023
71111.15	Corrective Action Documents	CR 11014122	GSI-191 Containment Cleanliness Limits Exceeded	10/11/2023
71111.15	Corrective Action Documents	CR 11017912	Potential Use of Plywood in U3 Containment Elevator Construction	10/23/2023
71111.15	Corrective Action Documents	TE 1138793	Past Operability Review - Plywood in U4 Containment Elevator	10/12/2023
71111.15	Miscellaneous		VEGP 3&4 IST Program Plant	3.0
71111.15	Miscellaneous	Vogle Units 3 and 4 Technical Specifications and Basis	Technical specification 5.5.3 Inservice Testing Program	
71111.15	Operability Evaluations	11009833-U4-ODS	Back-leakage from RCS into CVS Makeup lines	09/28/2023
71111.15	Operability Evaluations	11017912-Unit3-ODS	Potential Use of Plywood in U3 Containment Elevator Construction	11/20/2023
71111.15	Procedures	4-CVS-OTS-10-002	Chemical And Volume Control System Check Valve Exercise Test	1.0
71111.15	Procedures	NMP-AD-012	Operability Determinations	16.1
71111.15	Procedures	NMP-AD-012-F01	Operability Determination Support bases	4.1
71111.20	Corrective Action	11007847	Permanent ADS 4 Sensors Out Of Line	09/18/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Documents			
71111.20	Corrective Action Documents	11017846	Unit 4 entry into TR 3.0.3 due to RCP 2A Replacement Outage	10/23/2023
71111.20	Corrective Action Documents	CR 11025404	Base Metal Repairs required for Electrical Supports in 11202 (Support RCP 2A replacement)	11/17/2023
71111.20	Corrective Action Documents	CR 11025415	Base Metal Repair for 1120-1251618-C15-028 (Supports RCP 2A Replacement)	11/17/2023
71111.20	Corrective Action Documents	CR 11033385	Unit 4 ADS 4 Vibration Alarm in	12/21/2023
71111.20	Corrective Action Documents	CR 11034094	High Vibrations on Stage 4 ADS B & D	12/26/2023
71111.20	Corrective Action Documents Resulting from Inspection	CR 11008843	T&B "Ty-Rap and 3M Co. No. 35 Insulating/Color Coding Tapes	09/21/2023
71111.20	Corrective Action Documents Resulting from Inspection	CR 11009227	Debris Found During NRC Mode 4 Inspection	09/22/2023
71111.20	Corrective Action Documents Resulting from Inspection	CR 11014112	4' X 6' Sheet Of Plywood Found In U4 Containment Elevator Shaft	10/10/2023
71111.20	Corrective Action Documents Resulting from Inspection	CR 11014122	GSI-191 Containment Cleanliness Debris Limits Exceeded	10/10/2023
71111.20	Engineering Changes	SNC1643809	Impact damage to RCP 2A and 2B Flanges During Installation	Rev. 0
71111.20	Engineering Evaluations	1141432	Base Metal Repair for 1120-1251618-C15028 (Supports RCP 2A Replacement)	11/18/2023
71111.20	Miscellaneous	APP-GW-GLR-079	AP1000 Verification of Water Sources for Long-Term Recirculation Cooling Following a LOCA	Rev. 9
71111.20	Miscellaneous	APP-MH17-VNM-	AP1000 RCP Installation Cart Technical Manual	Rev. 3

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		001		
71111.20	Miscellaneous	SV4-MP01-MEW-1016971	ASME III - Install RCP 2A Heat Exchanger SV4-RCS-MP-02A_HX Including Associated Piping	Rev. 0
71111.20	Operability Evaluations	TE 1138793	Past Operability Review - Plywood in U4 Containment Elevator	10/12/2023
71111.20	Procedures	4-CNS-SOP-001	Containment System, Attachment 4, Containment Closeout Inspection	Version 2.0
71111.20	Procedures	4-GEN-ITPS-606	Post-Fuel Loading Precritical Test Sequence Startup Test Procedure	Version 2.0
71111.20	Procedures	4-GEN-ITPS-618	Power Ascension Test Sequence Startup Test Procedure	Version 3.0
71111.20	Procedures	4-GOP-205	Plant Cooldown Mode 3 to Mode 5	Version 1.0
71111.20	Procedures	4-GOP-301	Mode Change Checklists	Version 1.1
71111.20	Procedures	4-GOP-303	Plant Heatup Mode 5 to Normal Operating Temperature	Version 3.0
71111.20	Procedures	4-RNS-SOP-001	Normal Residual Heat Removal System	Version E=0.4
71111.20	Procedures	B-GEN-ENG-032	Containment Cleanliness and Sampling Program	Version 1.0
71111.20	Procedures	B-GEN-ENG-032-001	Containment Debris Sampling	Version A=0.0
71111.20	Procedures	B-GEN-ENG-032-002	Control of Temporary Unattended Material in Containment in Modes 1-4	Version 1.1
71111.20	Procedures	B-GEN-OPS-006	Containment Entry	Version 3.1
71111.20	Work Orders	SNC1588324	RCP 2A - Reinstall RCP Heat Exchanger	Rev. 0
71111.20	Work Orders	SNC1599802	Assemble / Disassemble / Reconfigure RCP Installation Cart For 4-RCS-MP-02A Replacement	Rev. 0
71111.20	Work Orders	SNC1607533	Perform post work testing on ADS stage 4 vib sensors 4-RCS-YE341D (ADS Stage 4 V014D X Vib).	Rev. 0
71111.24	Miscellaneous	PCI Traveler Number 920484-005	Unit 4 / Pipe Support RCS-PH-11R2189 Reinstall	0
71111.24	Procedures	3-RLS-CSP-001	Primary System Sampling Using the RSI Primary Sampling Panel	Version 5.0
71111.24	Procedures	B-GEN-CRC-002	Guidelines for Radiochemistry Data Review Using APEX	Version 1.0
71111.24	Work Orders	SNC1599740	Re-install 4-RCS-PL-L095 to support 4-RCS-MP-02A Restoration	0

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71114.06	Corrective Action Documents	CR 11014269	VEGP 3&4 ERO Training Drill (Simulator EDS Issues)	10/11/2023
71114.06	Corrective Action Documents	CR 11014278	VEGP 3&4 ERO Training Drill (TSC EPBX Phone Plant Page Issue)	10/11/2023
71114.06	Miscellaneous		Drill Packet for the October 10, 2023 Emergency Preparedness Drill.	10/10/2023
71114.06	Miscellaneous	AP-LT-C-SG-241B	LOCT 24-1 Integrated Training Scenario 241B	Revision 1.2
71114.06	Procedures	NMP-EP-146-F01	CR Emergency Director	Revision 6
71114.06	Procedures	NMP-EP-303-F02	Drill and Exercise Comment and Feedback Form	2.0
71114.06	Procedures	NMP-EP-303-F03	Drill & Exercise Observation Form	1.0
71151	Miscellaneous		eSOMS Narrative / Unit Logs	
71151	Procedures		SNC Standard Emergency Plan	Rev. 7
71151	Procedures	3-RLS-CSP-001	Primary System Sampling Using the RSI Primary Sampling Panel	Version 5.0
71151	Procedures	B-GEN-CRC-002	Guidelines for Radiochemistry Data Review Using APEX	Version 1.0
71151	Procedures	NMP-AD-029	Preparation and Reporting of Regulatory Assessment Performance Indicator Data and the Monthly Operating Report	Rev. 3.2
71151	Procedures	NMP-EP-308	SNC Emergency Alert Siren Operation, Testing and Maintenance	Rev. 4.1
71152A	Corrective Action Documents	CAR 507319	Foreign Material Found in Core Makeup	
71152A	Corrective Action Documents	CAR 80000109	ATV-CAR-80008714 Perform O&P IAW ND-AD-006 Requirement ADS Stage 4 Actuation Received during Maintenance Activity	
71152A	Corrective Action Documents	CR 1090022	April PQS review	05/08/2023
71152A	Corrective Action Documents	CR 10957063	Work hour waiver	03/16/2023
71152A	Corrective Action Documents	CR 10957305	Work hour waiver	03/17/2023
71152A	Corrective Action Documents	CR 10957416	Work hour waiver	03/18/2023

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71152A	Corrective Action Documents	CR 10957543	Work hour waiver	03/18/2023
71152A	Corrective Action Documents	CR 10961421	Work hour waiver	03/31/2023
71152A	Corrective Action Documents	CR 10961650	Work hour waiver	04/02/2023
71152A	Corrective Action Documents	CR 10961747	Work hour waiver	04/03/2023
71152A	Corrective Action Documents	CR 10961863	Work hour waiver	04/03/2023
71152A	Corrective Action Documents	CR 10962231	Work hour waiver	04/04/2023
71152A	Corrective Action Documents	CR 10962272	Work hour waiver	04/04/2023
71152A	Corrective Action Documents	CR 10962577	Work hour waiver	04/05/2023
71152A	Corrective Action Documents	CR 10962869	Work hour waiver	04/06/2023
71152A	Corrective Action Documents	CR 10963509	Work hour waiver	06/27/2023
71152A	Corrective Action Documents	CR 10963719	Work hour waiver	04/11/2023
71152A	Corrective Action Documents	CR 10964151	Work hour waiver	04/12/2023
71152A	Corrective Action Documents	CR 10964165	Work hour waiver	04/12/2023
71152A	Corrective Action Documents	CR 10965908	Work hour waiver	04/12/2023
71152A	Corrective Action Documents	CR 10966124	Work hour waiver	04/20/2023
71152A	Corrective Action Documents	CR 10966251	Work hour waiver	04/21/2023
71152A	Corrective Action Documents	CR 10966278	Work hour waiver	04/21/2023

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71152A	Corrective Action Documents	CR 10967156	Work hour waiver	04/26/2023
71152A	Corrective Action Documents	CR 10967892	Work hour waiver	04/28/2023
71152A	Corrective Action Documents	CR 10968034	Work hour waiver	04/30/2023
71152A	Corrective Action Documents	CR 10968844	Work hour waiver	05/03/2023
71152A	Corrective Action Documents	CR 10969257	Work hour waiver	05/04/2023
71152A	Corrective Action Documents	CR 1096941	Work hour waiver	05/03/2023
71152A	Corrective Action Documents	CR 10969412	Work hour waiver	05/05/2023
71152A	Corrective Action Documents	CR 10969763	Work hour waiver	05/07/2023
71152A	Corrective Action Documents	CR 10969952	Work hour waiver	05/08/2023
71152A	Corrective Action Documents	CR 10970939	Work hour waiver	05/11/2023
71152A	Corrective Action Documents	CR 10971265	April PQS validations	05/12/2023
71152A	Corrective Action Documents	CR 10977804	Late validations	06/07/2023
71152A	Corrective Action Documents	CR 10978349	Operations PQS validations	06/08/2023
71152A	Corrective Action Documents	CR 10979104	May PQS review	06/12/2023
71152A	Corrective Action Documents	CR 10981610	Ops schedule change not updated in PQS	06/20/2023
71152A	Corrective Action Documents	CR 10982070	PQS timeliness	06/22/2023
71152A	Corrective Action Documents	CR 10983575	Discrepancy between time worked and PQS	06/27/2023

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71152A	Corrective Action Documents	CR 10983737	Identified work hour waiver deficiencies	06/28/2023
71152A	Corrective Action Documents	CR 10983899	Work performed without PQS being updated	06/28/2023
71152A	Corrective Action Documents	CR 10985348	Late PQS validation	07/05/2023
71152A	Corrective Action Documents	CR 10985348	PQS not updated before work occurred	07/05/2023
71152A	Corrective Action Documents	CR 10985724	PQS not updated before work occurred	07/06/2023
71152A	Corrective Action Documents	CR 10985959	June PQS review	07/07/2023
71152A	Corrective Action Documents	CR 1098601	Potential work hour violation not flagged by PQS	07/10/2023
71152A	Corrective Action Documents	CR 10986620	PQS not configured to calculate min day off during outage	07/10/2023
71152A	Corrective Action Documents	CR 10986632	Fatigue assessment	07/10/2023
71152A	Corrective Action Documents	CR 10987476	Mid-year Part 26 review	07/13/2023
71152A	Corrective Action Documents	CR 10987655	Work hour rule violation not recognized	07/13/2023
71152A	Corrective Action Documents	CR 10987664	June PQS revalidations	07/13/2023
71152A	Corrective Action Documents	CR 10987751	Unrecognized work hour rule violation	07/13/2023
71152A	Corrective Action Documents	CR 10987845	Work hour rule not recognized	07/14/2023
71152A	Corrective Action Documents	CR 50179773	ADS Stage 4 Actuation Received during Maintenance Activity	
71152A	Corrective Action Documents	CR 90000368	CR 50179773 ADS Stage 4 Actuation during Maintenance Activity	
71152A	Corrective Action Documents	TE 1137826	Ensure CIM Audit Was Performed Nightly until Configuration Control Was Established	

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71152A	Corrective Action Documents	TE 1137828	Ensure 7 Risk-Based Questions Are Being Asked at Work Controls by Each WCC SRO or Every Work Group	
71152A	Corrective Action Documents	TE 1138943	Ensure Proper Oversight for All Vendors	
71152A	Miscellaneous	EN 56779	60-Day Optional 10 CFR 50.73(a)(1) Report of Invalid Specified System Actuation	
71152S	Corrective Action Documents	CAR 430119	PQ&S Waivers/Violations Adverse Trend	
71152S	Corrective Action Documents	CAR 527372	Perform CCA for Adverse Trend in Unit 3 CAP CRs not closed within 9 Days	
71152S	Corrective Action Documents	CR 10967156	PQ&S Waivers/Violations Adverse Trend	
71152S	Corrective Action Documents	CR 11010437	Adverse Trend in Unit 3 CAP CRs Not Closed Within 9 Days - MRC Identified	
71152S	Corrective Action Documents	CR 11017115	NDQA Identified - Basis For Fatigue Management Waiver Did Not Meet Procedure Requirements	
71152S	Corrective Action Documents	CR 11017120	NDQA Identified - Fatigue Management Waiver Form - Section 3 Was Incomplete Per Procedure Requirements	
71152S	Corrective Action Documents	CR 11017146	WEC CAP IR 2023-6889 - Communication Of Westinghouse CAP Items (SVP_SV0_230248) PIN 02822	
71152S	Corrective Action Documents	CR 11018220	Weekly Review of PQ&S Data 9/3-9/9/2023 - Operations	
71152S	Corrective Action Documents	TE 1129429	Add Work Hour Rule Software Training To SRO Continuing Training (SRO LOCT)	
71152S	Corrective Action Documents	TE 1129430	Scheduling: Complete Business Case To Evaluate Better Software To Track Work Hour Rules And Schedule	
71152S	Corrective Action Documents	TE 1129663	Raise Licensed and Non-licensed Operations Staffing	
71152S	Corrective Action Documents	TE 1140428	Evaluate CR Closure Timeliness	
71152S	Miscellaneous		Unit 3 & 4 Weekly Management Review Committee Packet	
71152S	Miscellaneous	Audit Report # 2023-S&W-2	ASME QAI-1 Audit	07/24/2023
71152S	Procedures	NMP-GM-003	Self-Assessment and Benchmark Procedure	Version 35.0

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71153	Corrective Action Documents	CAR 479744	Unplanned Reactor Trip During 3-GEN-ITPS-633, 100% Load Rejection Startup Test Procedure	
71153	Engineering Changes	E&DCR SV3-ZAS-GEF-034	MSU Relay RY1 V/Hz Trip	Revision 0
71153	Engineering Changes	SNC 1520848	Change to PLS Logic to Disable AQR Mode When Plant Enters Island Mode	Revision 0
71153	Miscellaneous	LER 2023-006-00	Automatic Reactor Protection System Actuation During Startup Testing Due to the Auto Reactive Power Regulator Being Active While in Island Mode Operation	09/19/2023
71153	Procedures	3-GEN-ITPS-633	100% Load Rejection Startup Test Procedure	Version 5.0
71153	Procedures	3-GOP-101	Power Operations Above 25% Power	Version 2.0