



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

July 28, 2023

Steven Snider
Site Vice President
Oconee Nuclear Station
Duke Energy Carolinas, LLC
7800 Rochester Highway
Seneca, NC 29672-0752

SUBJECT: OCONEE NUCLEAR STATION – INTEGRATED INSPECTION REPORT
05000269/2023002, 05000270/2023002 AND 05000287/2023002

Dear Steven Snider:

On June 30, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Oconee Nuclear Station. On July 27, 2023, the NRC inspectors discussed the results of this inspection with Jamie Dodson 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 that reads "Eric Stamm".

Signed by Stamm, Eric
on 07/28/23

Eric J. Stamm, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos. 05000269, 05000270 and 05000287
License Nos. DPR-38, DPR-47 and DPR-55

Enclosure:
As stated

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SUBJECT: OCONEE NUCLEAR STATION – INTEGRATED INSPECTION REPORT
05000269/2023002, 05000270/2023002 AND 05000287/2023002

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NAME	N. Smalley	D. Jackson	E. Stamm		
DATE	0728/2023	0728/2023	07/28/2023		

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

Docket Numbers: 05000269, 05000270 and 05000287

License Numbers: DPR-38, DPR-47 and DPR-55

Report Numbers: 05000269/2023002, 05000270/2023002 and 05000287/2023002

Enterprise Identifier: I-2023-002-0021

Licensee: Duke Energy Carolinas, LLC

Facility: Oconee Nuclear Station

Location: Seneca, South Carolina

Inspection Dates: April 1, 2023, to June 30, 2023

Inspectors: J. Nadel, Senior Resident Inspector
N. Smalley, Acting Senior Resident Inspector
A. Ruh, Resident Inspector
A. Hutto, Senior Project Engineer
B. Kellner, Senior Health Physicist
D. Neal, Health Physicist
N. Peterka, Senior Fuel Facility Project Inspector
J. Rivera, Health Physicist

Approved By: Eric J. Stamm, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Enclosure

SUMMARY

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

List of Findings and Violations

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

Additional Tracking Items

None.

PLANT STATUS

Unit 1 operated at or near 100 percent rated thermal power (RTP) for the entire inspection period.

Unit 2 operated at or near 100 percent RTP for the entire inspection period.

Unit 3 operated at or near 100 percent RTP from the beginning of the inspection period until June 24, 2023, when a power reduction to 20 percent RTP was conducted for leak hunt activities. On June 25, 2023, the unit was shut down to repair a leak on low pressure service water system piping. Unit 3 was started up and returned to 20 percent RTP on June 26, 2023. On June 27, 2023, Unit 3 operated at or near 100 percent RTP 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

71111.04 - Equipment Alignment

Partial Walkdown Sample (IP Section 03.01) (4 Samples)

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

- (1) Units 1 and 2 low pressure service water system following restoration of low pressure service water train C on April 11, 2023
- (2) Keowee Hydro Unit 1 governor oil and actuator systems while Keowee Hydro Unit 2 was out of service for planned maintenance on May 9, 2023
- (3) Keowee Hydro Unit 1 electrical alignment while Keowee Hydro Unit 2 was out of service for planned maintenance on May 9, 2023
- (4) 2A low pressure injection train following maintenance on May 23, 2023

71111.05 - Fire Protection

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

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

- (1) Fire zone 112: Unit 3 control room on April 28, 2023
- (2) Fire zone 19: Unit 1 main feed pump area on April 28, 2023
- (3) Fire zone 89: Unit 3 equipment room on May 15, 2023
- (4) Fire zone 105: Unit 2 cable room on June 22, 2023
- (5) Fire zone 85: Unit 1 auxiliary building 200 level hallway on June 23, 2023

71111.06 - Flood Protection Measures

Flooding Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated internal flooding mitigation protections in the embedded conduits for diesel generator cabling in the standby shutdown facility.

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 Keowee hydro station over frequency testing on May 3, 2023, and Unit 3 downpower on June 24, 2023.

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

- (1) The inspectors observed and evaluated SEG 2211, "Cold Crew Simulator Evaluation," on May 22, 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 remain capable of performing their intended function:

- (1) Nuclear condition reports (NCR) 2473173, 2466960, low pressure service water pump 'C' fail to run events on March 29, and May 17, 2023

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample (IP Section 03.01) (6 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) Units 1, 2, and 3, green risk during underground emergency power path planned maintenance, on April 11, 2023
- (2) Unit 2 green risk during control rod drive pulse generator and monitoring module replacement, on April 12, 2023
- (3) Units 1, 2, and 3, green risk during heavy lifts and construction activity in 230kV switchyard, on April 18, 2023
- (4) Units 1, 2, and 3, green risk during Keowee Hydro Unit 2 planned maintenance, on May 9, 2023
- (5) Units 1 and 2, green risk during low pressure service water pump inoperability and troubleshooting, on May 18, 2023
- (6) Units 1, 2, and 3, yellow risk during standby shutdown facility annual maintenance outage, on June 14, 2023

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 03.01) (8 Samples)

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

- (1) NCR 2468647, low pressure service water suction strainer to pump expansion joint control unit gaps different than specified on drawings
- (2) NCR 2471437, deficiencies with essential siphon vacuum post modification testing from 2001
- (3) NCR 2473099, low pressure service water pump testing concerns due to flow instrument accuracy
- (4) NCR 2474520, essential siphon and vacuum system pump suction check valves may not fully open at low air pressures
- (5) NCR 2436929, Unit 1 inservice inspection exam failure to comply with all aspects of 10 CFR 50.55a and ASME IWL for containment tendon maintenance
- (6) NCR 2465304, increased Keowee hydro unit station sump flow challenging time critical actions
- (7) NCR 2477210, low pressure service water leak from instrument line on 3A1 reactor coolant pump upper bearing oil cooler outlet piping
- (8) NCR 2477220, 3MS-8 main steam line relief valve lifted during Unit 3 shutdown

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 422866, repair broken Unit 3 reactor coolant pump motor cooler A1 bearing outlet pressure connection with alternate piping configuration

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) PT/2/A/0620/009, "Keowee Operation," following replacement of 13.8kV transformer K2-ELK-TF-2E, on May 10, 2023
- (2) OP/0/A/1650/005, "PSW AC Power," following replacement of protected service water breaker B7T-2 with a refurbished unit, on May 11, 2023
- (3) Work orders (WO) 20549009 and 20549064, Auxiliary service water pump functional test following lubrication and alignment check on June 14, 2023,
- (4) PT/0/A/0400/011, "SSF Diesel Generator Test," following annual maintenance, on June 15, 2023
- (5) MP/0/A/1200/089, "Valve - Main Steam Safety - Setpoint Test," on June 26, 2023

Surveillance Testing (IP Section 03.01) (3 Samples)

- (1) Unit 1 ASME IWL year 50 containment tendon surveillances, WO 20376931-34
- (2) PT/1/A/0204/07B, "1B Reactor Building Spray Pump Test," on April 20, 2023
- (3) PT/0/A/0620/019, "Keowee Over Frequency Protection Functional Test," on May 3, 2023

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

- (1) PT/1/A/0251/001, "Low Pressure Service Water Pump Test of 'A' pump," on June 21, 2023

RADIATION SAFETY

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

Walkdowns and Observations (IP Section 03.01) (4 Samples)

The inspectors evaluated the following radioactive effluent systems during walkdowns:

- (1) Unit 3, auxiliary building ventilation system discharge to plant vent stack
- (2) Unit 3, penetration room ventilation system discharge to plant vent stack
- (3) Unit 1, auxiliary building ventilation system discharge to plant vent stack
- (4) Radioactive liquid waste line to the Keowee dam mixing line and ultimate discharge point

Sampling and Analysis (IP Section 03.02) (3 Samples)

Inspectors evaluated the following effluent samples, sampling processes and compensatory samples:

- (1) Rad waste facility ventilation exhaust gas sample (8-hour compensatory sample due to RIA-45 being out of service), on June 13, 2023
- (2) Unit 2 vent stack routine weekly gaseous grab sample, on June 14, 2023
- (3) Unit 2 vent stack routine weekly tritium grab sample, on June 14, 2023

Dose Calculations (IP Section 03.03) (2 Samples)

The inspectors evaluated the following dose calculations:

- (1) Gaseous radioactive release permit #G2023661, (including dose calculation for the maximum individual receptor) May 11, 2023
- (2) Liquid radioactive release permit #L2023542, (including dose calculation for the maximum individual receptor) May 15, 2023

71124.07 - Radiological Environmental Monitoring Program

Environmental Monitoring Equipment and Sampling (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated environmental monitoring equipment and observed collection of environmental samples.

Radiological Environmental Monitoring Program (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated the implementation of the licensee's radiological environmental monitoring program.

GPI Implementation (IP Section 03.03) (1 Sample)

- (1) The inspectors evaluated the licensee's implementation of the groundwater protection initiative program to identify incomplete or discontinued program elements.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

MS05: Safety System Functional Failures (SSFFs) Sample (IP Section 02.04) (3 Samples)

- (1) Unit 1 (April 1, 2022, through March 31, 2023)
- (2) Unit 2 (April 1, 2022, through March 31, 2023)
- (3) Unit 3 (April 1, 2022, through March 31, 2023)

MS08: Heat Removal Systems (IP Section 02.07) (3 Samples)

- (1) Unit 1 (April 1, 2022, through March 31, 2023)
- (2) Unit 2 (April 1, 2022, through March 31, 2023)
- (3) Unit 3 (April 1, 2022, through March 31, 2023)

MS10: Cooling Water Support Systems (IP Section 02.09) (3 Samples)

- (1) Unit 1 (April 1, 2022, through March 31, 2023)
- (2) Unit 2 (April 1, 2022, through March 31, 2023)
- (3) Unit 3 (April 1, 2022, through March 31, 2023)

BI02: RCS Leak Rate Sample (IP Section 02.11) (3 Samples)

- (1) Unit 1 (April 1, 2022, through March 31, 2023)
- (2) Unit 2 (April 1, 2022, through March 31, 2023)
- (3) Unit 3 (April 1, 2022, through March 31, 2023)

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

- (1) March 31, 2022, through May 31, 2023

71152S - Semiannual Trend Problem Identification and Resolution

Semiannual Trend Review (Section 03.02) (1 Sample)

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

71153 - Follow Up of Events and Notices of Enforcement Discretion

Personnel Performance (IP Section 03.03) (1 Sample)

- (1) The inspectors evaluated a Unit 3 unidentified reactor building normal sump level transient, leak hunt activities, power reduction, and the licensee's performance on June 23, 2023.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On June 15, 2023, the inspectors presented the public radiation safety inspection results to Steven Snider and other members of the licensee staff.
- On July 27, 2023, the inspectors presented the integrated inspection results to Jamie Dodson, Plant Manager, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.04	Corrective Action Documents		2473822	
	Drawings	OFD-102A-2.2	Flow Diagram of Low Pressure Injection System LPI Pump Discharge	54
		OM 260-0114.002	8420 High Pressure Exp. Jnt. W/ Retaining Rings & Control Units	1
	Miscellaneous		Clearance OPS-2-17-LP-2LP-154-2001	
	Work Orders		1997065, 20091928, 20214933, 20375226, 20518466, 20534642	
71111.05	Calculations	OSC-10816	ONS TCCA "A" and "B" Area Basis for AD-EG-ALL-1520	005
		OSC-9314	NFPA 805 Transition Risk-Informed Performance-Based Fire Risk Evaluation	006
		OSC-9375	ONS Fire PRA – Fire Scenario Report	011
	Corrective Action Documents		2453993, 2456397, 2469135, 2454161, 2454234, 2458096	
	Fire Plans	CSD-ONS-PFP-1AB-0783	Pre-Fire Plan for U1 Auxiliary Building Elevation 783	000
		CSD-ONS-PFP-1TB-0775	Pre-Fire Plan for U1 Turbine Building Elevation 775	000
		CSD-ONS-PFP-2AB-0809	Pre-Fire Plan for U2 Auxiliary Building Elevation 809	000
		CSD-ONS-PFP-3AB-0796	Pre-Fire Plan for U3 Auxiliary Building Elevation 796	001
		CSD-ONS-PFP-3AB-0822	Pre-Fire Plan for U3 Auxiliary Building Elevation 822	000
		O-0310-K-004	Auxiliary Building Unit 1 Fire Protection Plan & Fire Barrier, Flood, & Pressure Boundaries Plan at EL 783+9	009
		O-0310-K-011	Auxiliary Building Unit 2 Fire Protection Plan & Fire Barrier, Flood, & Pressure Boundaries Plan at EL 809+3	009
		O-0310-L-001	Fire Protect Turbine Building Unit 1 EL 775+0	011
		O-310-K-09	Auxiliary & Reactor Building Unit 3 Fire Protection Plan & Fire Barrier, Flood & Pressure Boundaries Plan at EL 796+6 & 797+6	15

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		O-310-K-15	Auxiliary & Reactor Building Unit 3 Fire Protection Plan & Fire Barrier, Flood & Pressure Boundaries Plan at EL 822+0 & 825+0	17
		O-310-S3-13	Unit 3 Equipment Room Sprinkler System Plan	1
	Miscellaneous	AD-FP-ALL-1520	Transient Combustible Control	0
		O-0423-AA	Temporary Piping Layout at Alternate RBCU Cooling RBCU Hale Pump and Hose Layout	002
		OFD-124C-1.2	Flow Diagram of High Pressure Service Water System Turbine Building	41
		OFD-124C-3.2	Flow Diagram of High Pressure Service Water System Turbine Building	40
	Procedures	AP/3/A/1700/050	Challenging Plant Fire	007
		OP/0/A/1106/029 C	Alternate Chilled Water System	022
		OP/1/A/1104/015	Reactor Building Cooling System	046
		Work Orders		20547696, 20597879, 20597865, 20597997, 20597919
71111.06	Corrective Action Documents		1907447, 1933544, 2468954	
	Drawings	O-954-B	Electrical Equipment Layout Standby Shutdown Facility Embedded Conduit Diesel Room	2
	Work Orders		1649300	
71111.11Q	Miscellaneous		Simulator Exercise Guise SEG 2211	
	Procedures	AD-OP-ALL-0203	Reactivity Management	14
		OP/0/A/1108/001	Curves and General Information	118
		OP/3/A/1102/001	Controlling Procedure for Unit Startup	284
		OP/3/A/1102/004	Operation at Power	141
		OP/3/A/1104/007	LWD [Liquid Waste Disposal] System	66
71111.12	Corrective Action Documents		2473173, 2466960	
71111.13	Corrective Action Documents		2466960, 2473173	
	Drawings	OEE-217-22	Elementary Diagram 4160V Switchgear #2TC Unit #11 L.P. Service Water Pump Motor No. C0LPSPU000C	10
	Miscellaneous		SSF Annual Outage Protected Equipment	06/13/2023

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Unit 1 and 2 Phoenix Online Risk Monitor report for scheduled work week 23W15	
	Procedures	IP/0/A/0380/006	Standby Shutdown Facility Diesel Load and Speed Control	35
		IP/0/B/0350/010	CRD Triplex TMR Module Hot/Smart Swap	16
		OP/0/A/1600/010	Operation of the SSF Diesel-Generator	99
	Work Orders		20595122, 20603157, 20603158	
71111.15	Calculations	KC-2003	Turbine Sump Pump Flow Calculation	004
		OSC-10899	Analysis of Condensate Coolers A & B Suction and Discharge Piping, Problem No. 1-13-13	9
		OSC-2708	Rigorous Piping Analysis for Problem 1-14-19 (From LPSW Strainers to LPSW Pumps)	6
		OSC-6118	Loss of Non Emergency AC Power Event Mitigation Requirements Type III	016
		OSC-6868	Design Input Calculation for NSM-1/33002 Installation for Reduced NPSH Impeller in Units 1,2,3 LPSW Pumps	1
		OSC-7177	Parametric Study of ESV Float Valve Opening Characteristics	0
		OSC-7349	Functional Testing of Prototype ESV Float Valve	0
		OSC-7734	Maximum Hypothetical Accident (MHA) Dose Analysis	016
		OSC-8966	Allowable LPSW Leakage for Containment Operability	0
	Corrective Action Documents		1773377, 2465304, 2465908, 2465300, 2462512, 181218, 2459895, 2477220, 2477611	
	Drawings	KFD-102A-1.1	Flow Diagram of Turbine Sump Pump System	15
		O-2480D	Piping Layout Section and Details Intermediate Floor Reactor Building	25
		OFD-107B-3.1	Flow Diagram of Liquid Waste Disposal System Reactor Building Normal Sump	20
		OFD-124B-3.2	Flow Diagram of Low Pressure Service Water System Reactor Building Cooling Units Cooling Coils 3A, 3B & 3C	31
		OFD-124B-3.4	Flow Diagram of Low Pressure Service Water System RC Pump Motor Cooling and RB Fire Protection	37
		OM 245-1672.001	1878 Socket Ends Stainless Steel Swing Check Valve Non Cobalt Trim with Resilient Seated Disc	A-2
	Engineering Changes	410347	Evaluation of Keowee Station Sump Inputs in Support of EC 405339	0

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
		412900	Various, Expansion Joints, Garlock, LFC/KCM Dimension Changes	0	
	Miscellaneous	LCOTR O-3-23-00979	U3 RBCU leak isolation		
		OSS-0254.00-00-1046	(MECH) Design Basis Spec for Keowee Turbine Generator Cooling Water (WL) System	017	
		OSS-0254.00-00-1047	(Mech) Design Basis Spec for Keowee Turbine Sump Pump (TS) System	015	
		OSS-0254.00-00-4001	(Mech) Design Basis Spec for Reactor Building Containment Isolation	46	
	Procedures	AP/0/A/2000-002	Keowee Hydro Station – Emergency Start	23	
		IP/1/A/0400/022	KHU-1 Turbine Sump Pump Level Control Switch Calibration	011	
		OP/0/A/2000/013	KHU-1 Generator	029	
		PT/1/A/2200/019	KHU-1 Turbine Sump Pump IST Surveillance	028	
		PT/3/A/0150/034	Leak Rate History Record and Reactor Building Leak Rate Verification	12	
		PT/3/A/0251/001	Low Pressure Service Water Pump Test	101	
		PT/3/A/0251/072	LPSW System Flow Balance Verification	13	
		TT/2/A/0261/011	ESV Float Valves Retest	0	
		TT/2/A/0261/012	ESV Float Valve Test	0	
		TT/3/A/0251/064	LPSW Pump Test	0	
	Work Orders		01734488, 20500888, 20582077, 20610258		
	71111.18	Corrective Action Documents		2477210	
		Engineering Changes	422866	Repair Broken 3LPSPX0009 Pressure Connection with Alternate Piping Configuration	001
		Work Orders		20610262, 20610255	
71111.24	Calculations	ONTC-3-MS-008	Unit 3 Relief Valve Test Acceptance Criteria	1	
	Corrective Action Documents		2466315, 2475870, 2476203, 2476262		
	Drawings	O-6700	One-Line Diagram Main PSW Switchgear 13.8/4.16 kV System	15	
		OFD-135B-1.4	Flow Diagram of Lube Oil System SSF Diesel Engines	11	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Procedures	IP/0/A/2001/015	PSW 13.8/4.16 kV Square D Type VR Vacuum Circuit Breaker Inspection and Maintenance	005
		IP/0/A/2001/016	PSW 13.8/4.16 kV Vacuum Circuit Breaker Removal and Installation	0
		OP/0/A/1650/005	PSW AC Power	020
		PT/0/A/0620/009	Keowee Hydro Operation	056
		PT/0/A/0620/019	Keowee Over Frequency Protection Functional Test	015
		PT/1/A/0204/007	Reactor Building Spray Pump Test	106
	Work Orders		20595783, 20610258	
71124.06	Corrective Action Documents		AR 02342810, AR 02377923, AR 02412872, AR 02434482, AR 02442786, and AR 02464568,	Various
	Corrective Action Documents Resulting from Inspection	AR 02475972	Radiological Posting Sign found on the floor	06/13/2023
	Miscellaneous		Memorandum: 2023 Oconee Annual Land Use Census	06/14/2023
			Memorandum: 2020 Oconee Annual Land Use Census	06/04/2020
			Memorandum: 2021 Oconee Annual Land Use Census	06/17/2021
			Memorandum: 2022 Oconee Annual Land Use Census	06/07/2022
			Out of Service (OOS) effluent monitor reports and control room logs from June 2020 thru May 2023	Various
			2020 Oconee Nuclear Station Units 1, 2, and 3 Annual Radioactive Effluent Release Report	04/30/2021
			2021 Oconee Nuclear Station Units 1, 2, and 3 Annual Radioactive Effluent Release Report	04/30/2022
			2022 Oconee Nuclear Station Units 1, 2, and 3 Annual Radioactive Effluent Release Report	04/30/2023
		Performance Test		Penetration Room Ventilation System Functional Test per PT/3/A/0170/019, Revision 2
		PT/1-2/A/0150/025	LWD System Leakage	10/17/2022
		PT/3/A/0150/026	GWD [Gas Waste Decay] System Leakage Test	07/06/2022
Procedures		Oconee Nuclear Station Selected Licensee Commitments (SLC), Section 16.11, Radiological Effluents Control	10/26/2022	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Oconee Nuclear Station Units 1, 2, and 3 Offsite Dose Calculation Manual (ODCM)	60
			Oconee Nuclear Station Units 1, 2, and 3 Offsite Dose Calculation Manual (ODCM)	61
		AD-CP-ALL-0023	Preparation of the Annual Radioactive Effluent Release Report	6
		HP/0/B/1000/060 D	Vent and Air Ejector Sampling	53
		OP/0/A/1104/068	Waste/Recycle Monitor Tank Release from Radwaste Facility	5
		OP/0/A/1104/076	Manual Calculations for Liquid Effluent Releases	2
		Qualification Number: ON-RP-041	Perform Gaseous Waste Release Rate Determinations	25
		TQ-RWO-0011	Training and Qualification Guide No. ON-OPS-RWO0011, Liquid Waste Release to Keowee Tailrace	1
	Self-Assessments	2022-ONS-RPCH-01	Nuclear Oversight Audit - Oconee Radiation Protection and Chemistry	10/20/2022
		AR 02362921	Radioactive Effluents 10CFR20 Compliance Assessment	06/02/2021
	Work Orders	WO 20500895	Penetration Room Ventilation System Functional Test per PT/3/A/0170/019, Revision 2	06/11/2022
		WO 20516627	Unit 2 Reactor Building Stack Flow Instrument Calibration	01/23/2023
		WO 20446378	Unit 2 Reactor Building Stack Flow Instrument Calibration	01/20/2022
	71124.07	Corrective Action Documents	AR 02333218	
Corrective Action Documents Resulting from Inspection		AR 02475826	Pump Found Unplugged for REMP SW Location 062	06/12/2023
		AR 02477126	NRC Inspection Question on MET Tower Inspections for Guyed Wires / 10L rule	
Miscellaneous			Tower Systems South, Inc. MET Tower Inspection Reports, 10M and 60M	06/08/2020
Procedures		AD-CP-ALL-0017	Radiological Groundwater Protection	6
Work Orders		20522453 01	Meteorological Equipment Calibration (Semi-Annual)	09/20/2022
	20556051 01	Meteorological Equipment Calibration (Semi-Annual)	03/30/2023	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71151	Corrective Action Documents		AR 02432377, and AR 02436130	Various
	Miscellaneous		Oconee Liquid and Gas Dose Summary Report, January 1 through 5/13/2023 [including monthly, quarterly, and annual dose totals]	06/14/2023
			MSPI Derivation Report Oconee Unit 3 Cooling Water System Unreliability Index, March 2023	
			MSPI Margin Report Oconee Units 1, 2 and 3 Cooling Water and Heat Removal Systems, March 2023	
			MSPI Derivation Report Oconee Unit 2 Heat Removal System Unreliability Index, March 2023	
			2022 Oconee Liquid and Gas Dose Summary Report [including monthly, quarterly, and annual dose and individual isotopic activity totals]	05/16/2023
	Procedures	AD-RP-ALL-1101	Performance Indicators (PI) for the Occupational Radiation Safety Cornerstone and for the Public Radiation Safety Cornerstones	2
		PT/1/A/0600/010	Reactor Coolant Leakage	102
		PT/2/A/0600/010	Reactor Coolant Leakage	80
		PT/3/A/0600/010	Reactor Coolant Leakage	85
71152S	Corrective Action Documents		2456972, 2415853, 2357711, 2443366, 2450253, 2423411, 2436929, 2425299, 2444507, 2467763, 2468647, 2470090, 2468145, 2474146, 2474149	
	Miscellaneous	AD-PI-ALL-0100	Corrective Action Program	29
		AD-PI-ALL-0106	Cause Investigation Checklists	9
		AD-PI-ALL-0200	Performance Trending	13
71153	Miscellaneous	AD-OP-ALL-1000	Conduct of Operations	21
	Procedures	AP/3/A/1700/053	Abnormal Feedwater Heater Operations	000
		OP/3/A/1104/017	Quench Tank Operation	53