



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

August 04, 2021

Ms. Cheryl A. Gayheart
Regulatory Affairs Director
Southern Nuclear Operating Company, Inc.
3535 Colonnade Parkway
Birmingham, AL 35243

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT – INTEGRATED INSPECTION REPORT
05000321/2021002 AND 05000366/2021002

Dear Ms. Gayheart:

On June 30, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Edwin I. Hatch Nuclear Plant. On July 23, 2021, the NRC inspectors discussed the results of this inspection with Sonny Dean 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,

/RA/

Alan J. Blamey, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos. 05000321 and 05000366
License Nos. DPR-57 and NPF-5

Enclosure: As stated

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SUBJECT: EDWIN I. HATCH NUCLEAR PLANT – INTEGRATED INSPECTION REPORT
05000321/2021002 AND 05000366/2021002 DATED AUGUST 04, 2021

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

Docket Numbers: 05000321 and 05000366

License Numbers: DPR-57 and NPF-5

Report Numbers: 05000321/2021002 and 05000366/2021002

Enterprise Identifier: I-2021-002-0015

Licensee: Southern Nuclear Operating Company, Inc.

Facility: Edwin I. Hatch Nuclear Plant

Location: Baxley, GA

Inspection Dates: April 01, 2021 to June 30, 2021

Inspectors: C. Curran, Project Engineer
J. Hickman, Senior Resident Inspector
N. Peterka, Fuel Facility Inspector
R. Smith, Senior Resident Inspector

Approved By: Alan J. Blamey, Chief
Reactor Projects Branch 2
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 Edwin I. Hatch 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

None.

PLANT STATUS

Unit 1 began the inspection period at 100 percent rated thermal power (RTP). On June 11, 2021, the unit was shut down to investigate a step change increase in drywell unidentified leakage. The licensee determined the cause of the increase leakage to be a packing and pressure seal leak on the inboard high pressure coolant injection (HPCI) steam supply valve (1E41-F002). After repairs to the valve, the unit was restarted on June 16, 2021, and reached 100 percent RTP on June 20, 2021. On June 21, 2021, the unit was down powered to 85 percent RTP to perform the final rod pattern adjustment after startup and was returned to 100 percent RTP on the same day. On June 30, 2021, the unit commenced a shutdown to repair turbine temperature switches that were causing half group I signals on the A2 channel.

Unit 2 began the inspection period at 100 percent RTP. On April 8, 2021, the unit reduced power to 20 percent RTP to repair a main generator hydrogen cooler valve. After repairs were completed, the unit was returned to 100 RTP on April 13, 2021. On June 5, 2021, the unit was down powered to 70 percent RTP to perform turbine control valve testing and was returned to 100 percent RTP the same day. On June 26, 2021, the unit was down powered to 91 percent RTP due to fourth stage high pressure feedwater heater isolating. After repairs to the fourth stage high pressure feedwater heater level switch, the unit was returned to 100 percent RTP on June 27, 2021. On June 29, 2021, the unit was down powered to 96 percent RTP to perform the final rod pattern adjustment after the down power and was returned to 100 percent RTP on the same day. The unit operated there 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 reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), resident and regional inspectors were directed to begin telework and to remotely access licensee information using available technology. During this time, the resident inspectors performed periodic site visits each week, increasing the amount of time on site as local COVID-19 conditions permitted. As part of their onsite activities, resident inspectors conducted plant status activities as described in IMC 2515, Appendix D; observed risk significant activities; and completed on site portions of IPs. In addition, resident and regional baseline inspections were evaluated to determine if all or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

REACTOR SAFETY

71111.01 - Adverse Weather Protection

Seasonal Extreme Weather Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated readiness for seasonal extreme weather conditions prior to the onset of Summer Readiness for the following systems:
 1. Offsite and alternate alternating current (AC) power systems on May 24, 2021.
 2. Residual heat removal service water on May 26, 2021.

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) Alignment of the Unit 1 HPCI system while the reactor core isolation cooling (RCIC) system was inoperative for maintenance, using 34SO-E41-001-1, Version 30.4 on May 4, 2021.
- (2) Alignment of the Unit 2 residual heat removal (RHR) system 'A' and 'C' pumps, using 34SO-E11-010-2, Version 44.5 on May 5, 2021.
- (3) Alignment of the Unit 1 RHR system 'B' pump following emergent repair work on the pump piping, using 34SO-E41-010-1, Version 45.3, on May 12, 2021.
- (4) Alignment of the main control ventilation system following maintenance on the 'C' train, using 34SO-Z41-001-1, Version 24.0, on May 19, 2021.

Complete Walkdown Sample (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated system configurations during a complete walkdown of the Unit 1 plant service water (PSW) system on June 22, 2021.

71111.05 - Fire Protection

Fire Area Walkdown and Inspection Sample (IP Section 03.01) (6 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 2 RCIC pump and turbine room, on April 21, 2021
- (2) Unit 2 NE RHR and core spray pump room, on April 21, 2021
- (3) Unit 1 working floor and adjustable speed drive (ASD) area, on April 27, 2021
- (4) Unit 1/2 control room, on April 28, 2021
- (5) Unit 1/2 control room roof, on May 5, 2021
- (6) Unit 1 600-volt switchgear rooms 1C/1D, and Unit 1 DC switchgear rooms 1A/1B, on May 19, 2021.

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

- (1) The inspectors evaluated the onsite live fire brigade training and performance during an announced fire drill on April 15, 2021.

71111.06 - Flood Protection Measures

Cable Degradation (IP Section 03.02) (1 Sample)

The inspectors evaluated cable submergence protection in:

- (1) Safety related cables in pull boxes PB1-BJ and PB2-BJ on April 7, 2021.

71111.11Q - Licensed Operator Requalification Program and Licensed Operator Performance

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

- (1) The inspectors observed and evaluated licensed operator performance in the control room during shutdown of Unit 1 caused by a step change increase of drywell unidentified leakage, the inspectors observed reduction of power via decrease in recirculation flow, insertion of control rods followed by a reactor scram from 32 percent power and post scram activities to stabilize the plant in Mode 3 (Hot Shutdown). They also observed transfer of house loads, hourly updates of unidentified leakage calculations, de-inerting the drywell and preps for shutdown cooling on June 11-12, 2021.

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

- (1) The inspectors observed and evaluated License Requalification Operator Training for the following training scenario: CPE-EOP: Main Turbine Bypass Valve Monthly, Steam Flow Instrument Failure, Fire in the Protected Area, Lowering Vacuum, Scram, Loss of High Pressure Feed, RCIC Steam Line break, RCIC failed to Isolate, Anticipated Emergency Depress, and Emergency Depress on May 5, 2021.

71111.12 - Maintenance Effectiveness

Maintenance Effectiveness (IP Section 03.01) (2 Samples)

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

- (1) Safety related cables exposed to adverse environmental conditions.
- (2) 1A PSW pump surveillance test results placed the differential pressure ratio in the required action range, which was previously in the alert range. Additionally, the axial vibration level and calculated vibration ratio both increased to the alert range on June 3, 2021.

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample (IP Section 03.01) (5 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) Emergent risk associated with Unit 2 following unplanned system outage of the 2D RHR pump for an extended period from April 16 to April 30, 2021.
- (2) Risk associated with the Unit 1 RCIC system outage from May 4 to May 7, 2021.
- (3) Emergent risk associated with Unit 1 following unplanned piping repair on the 1B RHR pump from May 10 to May 12, 2021.
- (4) Emergent risk associated with the following unplanned equipment failures, Unit 1C emergency diesel generator (EDG), automatic start light failed to illuminate after a monthly run, 1D RHR service water pump tripped from overcurrent, and Unit 2 vital AC inverter failure, from May 28, to June 11, 2021.
- (5) Unit 1 elevated risk for forced outage due to step change increase in drywell unidentified leakage, from June 12 and 18, 2021.

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 03.01) (6 Samples)

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

- (1) Condition Report (CR) 10788308, while performing semi-annual sampling of 2A EDG fuel oil storage tank, water and sediment failed at 2.5 percent on the bottom sample and CR 10788395, water found in 2A fuel oil day tank flush on April 8, 2021.
- (2) CR 10789017, During performance of 34SV-R43-010-0 EDG Fuel Oil Transfer Pump Surveillance, the 2Y52C001A 2A EDG Fuel Oil Transfer Pump was in the alert range for high vibrations and in the action range for high flow on April 09, 2021.
- (3) CR 10790963, While running the 2D Residual Heat Removal (RHR) Pump, alarm "RHR Pump D OVLD/Lockout Relay Trip" was received and the pump was manually secured. Following alarm relay replacement, the pump was restarted and tripped on Phase 2 overcurrent on April 16, 2021.
- (4) CR 10796694, leak was identified on the 1B Residual Heat Removal pump casing drain line on May 10, 2021.
- (5) CR 10782516, in leakage was seen on Unit 2 Core Spray 'B' loop as observed by increase pressure above jockey pump pressure on March 15, 2021.
- (6) CR 10799968, while performing the 1A Plant Service Water IST Quarterly surveillance, the ratio of the test dP value to reference dP value was calculated to be 0.9189, in the required action range. Axial vibration level was also measured at 0.206 in/sec with a calculated vibration ratio of 2.58, which places it in the alert range on May 23, 2021.

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) SNC 1118966 for the complete replacement of the Unit 2 turbine building chillers due to obsolete equipment.

71111.19 - Post-Maintenance Testing

Post-Maintenance Test Sample (IP Section 03.01) (7 Samples)

The inspectors evaluated the following post-maintenance test activities to verify system operability and functionality:

- (1) 34SV-E11-001-2, Residual Heat Removal Pump Operability, Version 22.2 following the overhaul of 2D RHR pump on April 30, 2021.
- (2) 34SV-E51-001-1 Reactor Core Isolation Cooling (RCIC) Pump Operability, Version 29.2, and 34SV-E51-001-1 RCIC Valve Operability, Version 18.7, after a Unit 1 RCIC system outage on May 7, 2021.
- (3) NMP-ES-024-301, Liquid Penetrant Examination Color Contrast and Fluorescent, Version 14.0 and 34SO-E11-010-1, Residual Heat Removal (RHR) System section 4.2.5, Version 45.3, after the replacement of 1B RHR pump casing drainpipe on May 12, 2021.
- (4) 34SV-E41-002-2 High Pressure Coolant Injection Pump (HPCI) Operability, Version 39.2, and 34SV-E41-001-2 HPCI Valve Operability, Version 13.7, after a Unit 2 HPCI system outage on May 13, 2021.
- (5) SNC1133912 Replacement of the Analog Trip and Testing System (ATTS) Power Supply 1E21K401B due to the original power supply failing previously, this work was completed on May 20, 2021.
- (6) 34SV-P41-001-1, Plant Service Water Pump Operability - 1B Preservice Test Section, Version 15.2 following the 1B pump replacement on May 30, 2021.
- (7) 34SV-E11-004-1, RHR Service Water Pump Operability - 1D RHRSW Pump Preservice Test Section, version 22.1, following the replacement of the pump and motor, on June 14, 2021.

71111.20 - Refueling and Other Outage Activities

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

- (1) The inspectors evaluated Unit 1 forced outage activities due to increase in drywell unidentified leakage caused by a packing leak and pressure seal leak on the HPCI inboard steam isolation valve 1E41-F002, from June 11 to June 18.

71111.22 - Surveillance Testing

The inspectors evaluated the following surveillance tests:

Surveillance Tests (other) (IP Section 03.01) (4 Samples)

- (1) 34SV-P41-001-1, Plant Service Water Pump Operability, Version 15.2 on April 8, 2021.
- (2) 34SV-R43-002-2, Diesel Generator 1B Monthly Test, Version 26.4 on April 15, 2021.

- (3) 34SV-E11-004-1, RHR Service Water Pump Operability, Version 22.1 on April 19, 2021.
- (4) 57SV-C51-012-1, Average Power Range Monitor (APRM) Two-Out-Of-Four Time Response Testing Channel D, Version 0.6 on May 17, 2021.

Inservice Testing (IP Section 03.01) (1 Sample)

- (1) 34SV-E51-002-1, Reactor Core Isolation Cooling System Pump Operability IST, Version 29.2 on April 8, 2021.

RCS Leakage Detection Testing (IP Section 03.01) (1 Sample)

- (1) CR 10789452 noted an increase in Unit 1 Drywell Floor Drain leakage, on April 10, 2021

71114.06 - Drill Evaluation

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

- (1) Emergency Preparedness Drill 21EX02, Loss of Coolant Accident on April 13, 2021.

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

The inspectors evaluated:

- (1) Licensed reactor operators respond to a RCIC steam line break in the simulator and the inspectors observed the crew make an emergency declaration and notification. This represented a drill and exercise performance opportunity on May 19, 2021.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

BI01: Reactor Coolant System (RCS) Specific Activity Sample (IP Section 03.10) (2 Samples)

- (1) Unit 1 (April 1, 2020 to March 31, 2021)
- (2) Unit 2 (April 1, 2020 to March 31, 2021)

BI02: RCS Leak Rate Sample (IP Section 03.11) (2 Samples)

- (1) Unit 1 (April 1, 2020 to March 31, 2021)
- (2) Unit 2 (April 1, 2020 to March 31, 2021)

71152 - Problem Identification and Resolution

Semiannual Trend Review (IP Section 02.02) (1 Sample)

- (1) The inspectors reviewed the licensee's corrective action program for potential adverse trends in the maintenance of FLEX equipment that might be indicative of a more significant safety issue.

Annual Follow-up of Selected Issues (IP Section 02.03) (2 Samples)

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

- (1) CRs 10800377 and 10799775; pertaining to radiation protection (RP) technicians assigned to the Operations Support Center (OSC) that are not required to have specific training for the Emergency Response Organization (ERO) position. CRs addressing this issue by a licensee's senior RP technician who questioned whether the site is implementing the high standards to support OSC duties.
- (2) Operator Work Arouns, OS-BP-001, Operations Performance Indicators, Ver. 5.1 on June 14, 2021.

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 23, 2021, the inspectors presented the integrated inspection results to Sonny Dean and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.04	Corrective Action Documents		10763660, 1076427, 10765536, 10765906, 10766273, 10767122, 10767220, 10768440, 10768453, 10768454, 10768471, 10769701, 10769718, 10771873, 10772188, 10772360, 10772649, 10773111, 10774071, 10775427, 10775872, 10776196, 10776585, 10776712, 10776960, 10777662, 10777755, 10777876, 10778741, 10778745, 10782781, 10782932, 10783001, 10783711, 10784268, 10785362, 10785619, 10785935, 10789039, 10789486, 10792073 and 10796411	Various
			10716238, 10717331, 10724811, 10725085, 10728553, 10729316, 10734089, 10739860, 10741950, 10744866, 10750143, 10754860, 10756890, 10759996, 10760944, 10765581, 10765925, 10770167, 10772281, 10773104, 10776508, 10784735, 10792705, 10794164, 10799968	Various
	Corrective Action Documents Resulting from Inspection	10795361		05/04/2021
	Drawings	BASES PLANT SYSTEMS B 3.7	B 3.7.2 Plant Service Water (PSW) System and Ultimate Heat Sink (UHS)	80
		D-11001	SERVICE WATER PIPING AT INTAKE STRUCTURE	91.0
		H-11024	SERVICE WATER PIPING	67.0
		H-11600	SERVICE WATER AT DIESEL GENERATOR	37.0
		H-11609	SERVICE WATER PIPING	62.0
	Miscellaneous	HNP-1-FASR-10	10.7 Plant Service Water System	35
		TECH SPEC PLANT SYSTEMS 3.7	3.7.2 Plant Service Water	281
	Procedures	34SO-E11-010-1	Residual Heat Removal System	45.3
		34SO-E11-010-2	Residual Heat Removal System	44.5
		34SO-E41-001-1	High Pressure Coolant Injection (HPCI) System	30.4
		34SO-P41-001-1	Plant Service Water System	36.19

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		34SO-Z41-001-1	Control Room Ventilation System	24.0
71111.05	Drawings	A-43965 Sheets 28B, 29B, 30B and 32B	600V Switchgear Rooms 1C/1D and DC Switchgear Rooms 1A/1B	6.0
	Fire Plans	A43965, Sheet 100	Unit 2 RCIC Pump and Turbine Room	2.0
		A43965, Sheet 48	Unit 1 and 2 Control Room	4.0
		A43965, Sheet 50	Unit 1 and 2 Control Room Roof	1.0
		A43965, Sheet 60	Unit 1 Working Floor South Reactor Building Elevation 158'	5.0
		A43965, Sheet 99	Unit 2 NE RHR and Core Spray Pump Room	3.0
	Procedures	NMP-ES-035-014	Fleet Transient Combustible Controls	5.0
71111.11Q	Miscellaneous	H-LR-AF-CPE003	CPE-EOP: Main Turbine Bypass Valve Monthly , Steam Flow Instrument Failure, Fire in the Protected Area, Lowering Vacuum, Scram, Loss of High Pressure Feed, Reactor Core Isolation Cooling (RCIC) Steam Line break, RCIC failed to Isolate, Anticipated Emergency Depress, and Emergency Depress	05/02/2021
	Procedures	34GO-OPS-014-1	Fast Reactor Shutdown	14.2
71111.12	Corrective Action Documents	CR 10795220		05/04/2021
		CR 10799968		06/03/2021
	NDE Reports	HVA TD Report Summary 2017-02-14_2R23-S004	Tan Delta Test Results for RHE202M02	02/14/2017
		HVA TD Report Summary R22-S007-ES2-M06	Tan Delta Test Results for R22-S007-ES2-M06	02/25/2020
	Procedures	42IT-EEL-001-0	Insulated Cables and Connections Program	1.1
		NMP-ES-051	Cable Monitoring Program	9.2
		NMP-ES-051-002	Tan Delta Testing	10.2
		NMP-ES-051-003	Adverse Localized Equipment Environment Walkdown	2.5
		NMP-ES-051-004	Pull Box Inspection	6.0
71111.13	Corrective Action Documents	10797456		05/12/2021

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Resulting from Inspection			
	Drawings	H-13414	Elementary Diagram Diesel Generation 1C	55.0
	Procedures	34AB-Y22-002-0	Naturally Occurring Phenomena	20.0
		34GO-OPS-007-0	Shutdown/Refueling Mode Preparation Strategy For Flex	1.2
		NMP-OS-010-002	Hatch Protected Equipment Logs	11.1
		NMP-OS-019-253	Hatch Unit C Sig-12, Mode 4/5 RPV Inventory Control	2.3
71111.15	Corrective Action Documents	10782516		03/15/2021
	Drawings	H-26018	Unit 2 Core Spray System	40.0
	Engineering Evaluations	NMP-AD-012-F01	Prompt Determination of Operability for Unit Core Spray Loop 'B'	05/18/2020
	Miscellaneous	2R26 Hatch Appendix J Summarization		03/09/2021
	Procedures	34AR-601-125-2	Cores Spray B Discharge Pressure High	4.4
		34SO-E21-001-2, Section 4.16	Core Spray System - System Pressure Control Due to In leakage	26.5
		42SV-TET-001-2	Unit 2 LLRT for 2E21-F006B & 2E21-F037B	02/20/2021
		42SV-TET-001-2	Summarized LLRT Test Results for 2R26 Refueling Outage	03/09/2021
71111.18	Engineering Changes	SNC1118966		05/05/2021
	Miscellaneous	H-15-0079	Unit 2 Turbine building Chiller Replacement - Project Status Report	12/18/2020
	Procedures	42SP-02-15-21-RR-1-2	Unit 2 Turbine Building Chillers 2P63-B019B & D Functional Test	1.1
71111.19	Corrective Action Documents	10797252, 10797254 and 10797255		05/12/2021
		10797478		05/12/2021
		10797539		05/12/2021
	Miscellaneous	Unit 1 TRM	Mater Equipment Cross Reference - table T10.1-1 (Sheets 3, 4, 5, 11, 12, 13, and 14)	113.0
	Procedures	34IT-E51-003-1	RCIC Turbine Speed Control Test	05/07/2021

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
		34SV-E11-004-1	RHR Service Water Pump Operability	22.1	
		34SV-E41-001-2	HPCI Valve Operability	05/13/2021	
		34SV-E41-002-2	HPCI Pump Operability	05/13/2021	
		34SV-E51-001-1	RCIC Valve Operability	05/07/2021	
		34SV-E51-002-1	RCIC Pump Operability	05/07/2021	
		34SV-P41-001-1	Plant Service Water Pump Operability	15.2	
		57CP-CAL-102-1	Analog Master/Slave Trip Unit Calibration	16.8	
		57CP-CAL-302-0	Datametrics Voltage Converter Calibration	1.1	
	Work Orders	SNC1061116			05/07/2021
		SNC11133912			05/20/2021
		SNC115720	Repair of 1B RHR pump leak		05/12/2021
		SNC1160130			6/14/2021
		SNC1161391			06/11/2021
		SNC614849			05/06/2021
		SNC792312			05/04/2021
		SNC833995			05/06/2021
		SNC843513, SNC842419, SNC555959, SNC636522, SNC553993, and SNC698526			05/12/2021
		SNC845342			05/04/2021
SNC966362			05/04/2021		
71111.20	Miscellaneous		Unit 1: Initial Drywell entry Walkdown Briefing	06/07/2021	
			Hatch Unit 1: H12021A Drywell Leakage Outage Safety Assessment	0.0	
	Procedures	31GO-OPS-024-0	Outage Safety Assessment	5.5	
		34GO OPS-001-1	Plant Startup	46.1	
		34GO-OPS-003-1	Startup System Status Checklist	14.8	
		34SV-E51-001-1	REACTOR CORE ISOLATION COOLING SYSTEM 1E51-F008	06/17/2021	
		34SV-SUV-016-1	COLD SHUTDOWN VALVE OPERABILITY 1E41-F002	06/16/2021	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		34SV-SUV-016-1	Cold Shutdown Valve Operability 1E21-F005B	6/17/2021
		42SV-TET-001-0	UNIT 1 LLRT 1E21-F005B	6-15-2021
		42SV-TET-001-0	UNIT 1 LLRT 1E41-F002 & F003	06/16/2021
		42SV-TET-001-0	UNIT 1 LLRT 1E51-F008	06/15/2021
71111.22	Corrective Action Documents	10789452		04/10/2021
	Corrective Action Documents Resulting from Inspection	10795064		05/03/2021
	Miscellaneous	Unit 1 Chemistry Drywell Floor Drain Sump Data		04/14/2021
		Unit 1 Increase Drywell Floor Drain Leakage Fault Tree		04/12/2021
	Procedures	34SO-G11-013-1	Drywell & Reactor Building Sumps System	15.0
		34SV-E11-004-1	RHR Service Water Pump Operability	22.1
		57SV-C51-012-1	APRM Two-Out-Of-Four Time Response D	0.6
		NMP-OS-028	ACMP - U1 DWFD Leakage Elevated	04/14/2021
	Work Orders	SNC1102716		05/17/2021
	71114.06	Miscellaneous	Observation Summary	Emergency Preparedness Observation Form
71151	Procedures	62CH-SAM-025-0	Reactor Coolant Weekly	04/28/2020
71152	Corrective Action Documents		10714850, 10714599, 10784312, 10573812, 10781885, 10506986, 10527703, 10781885, 1084501 TE, 1087473 TE, 10796465	Various
	Miscellaneous	Compensatory Actions Requiring Manipulations	Unit 2 Compensatory Actions List	Current List
		Compensatory Actions Requiring Manipulations	Unit 1 Compensatory Actions	Current List

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Procedures	31GO-OPS-014-0	APC Sheet Number: 2-21-018P	03/16/2021
		31GO-OPS-014-0	Annunciator and Plant Component Control	3.3
		31GO-OPS-014-0	APC Sheet Number: 2-21-021	03/20/2021
		31GO-OPS-014-0	APC Sheet Number: 2-21-020	03/20/2021
		31GO-OPS-014-0	APC Sheet Number: 2-13-028P	09/12/2013
		31GO-OPS-014-0	APC Sheet Number: 2-13-028P	06/12/2015
		NMP-GM-002-001	Corrective Action Program Instructions	40.0
		NMP-OS-019-059	FLEX Storage Building Operating Instructions	2.1
		NMP-OS-028	1B SJAE Monitoring Unit 1	12/04/2020
		NMP-OS-028	U1 DWFD Leakage Elevated	04/16/2021
		NMP-OS-028	Unit 1 Turbine Building Chilled Water System	04/30/2021
		NMP-OS-028	1E51-F008 Packing Leak	02/14/2021
		NMP-OS-028	1B Core Spray Inboard Injection Valve (1E21F005B) Bonnet Leak	05/04/2021
		NMP-OS-028	1A ASD Process Trouble and 1A ASD Trouble	12/03/2020
		NMPS-OS-006-002	Aggregate Operator Impact Review Instruction	3.0
		OS-BP-001	Operations Performance Indicators	5.1