



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

August 23, 2022

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

SUBJECT: UPDATED INSPECTION PLAN FOR EDWIN I. HATCH NUCLEAR PLANT,  
UNITS 1 AND 2 – REPORT 05000321/2022005 AND 05000366/2022005

Dear Ms. Gayheart:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for Edwin I. Hatch Nuclear Plant. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a "Comprehensive Engineering Team Inspection (CETI)"<sup>1</sup> and three "Focused Engineering Inspections (FEIs)" that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: "Fire Protection Team Inspection," "Commercial Grade Dedication," and an engineering inspection that reviews age-related degradation and management<sup>2</sup>.

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the Reactor Oversight Process (ROP). While the PHE continues, overall conditions throughout the country support performance of our inspection and oversight activities to return to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-specific conditions and as discussed in our November 2, 2021 memo, "Implementation of

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<sup>1</sup> Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from Report 22.

<sup>2</sup> The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

Inspection Programs Following Re-Entry from the Public Health Emergency for the Reactor Safety Program" (ML21295A302), it may be necessary to alter how and when we perform our inspection and oversight activities as we balance the importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC's critical safety mission.

For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4415 with any questions you have regarding this letter.

Sincerely,



Signed by Blamey, Alan  
on 08/23/22

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:  
Inspection Plan

cc w/ encl: Distribution via LISTSERV

SUBJECT: UPDATED INSPECTION PLAN FOR EDWIN I. HATCH – REPORT  
05000321/2022005 AND 05000366/2022005 – dated August 23, 2022

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| DATE   | 8/22/2022 | 8/23/2022   |  |   |  |

OFFICIAL RECORD COPY

# Site Inspection Activity Plan

## Hatch

09/01/2022 - 06/30/2024

| Unit  | Start      | End        | Activity        | CAC    | Title   | Staff Count |
|---|------------|------------|-----------------|--------|---|-------------|
| <b>MATERIAL CONTROL AND ACCOUNTING</b>                      |            |            |                 |        |   | 1           |
| 1,2   | 9/12/2022  | 9/16/2022  | IP 71130.11     | 000742 | Material Control and Accounting (MC&A)                                      |             |
| <b>SECURITY BASELINE INSPECTION</b>                         |            |            |                 |        |   | 3           |
| 1,2   | 9/26/2022  | 9/30/2022  | IP 71130.02     | 000734 | Access Control  |             |
| 1,2   | 9/26/2022  | 9/30/2022  | IP 71130.04     | 000736 | Equipment Performance, Testing, and Maintenance                             |             |
| 1,2   | 9/26/2022  | 9/30/2022  | IP 71130.07     | 000739 | Security Training   |             |
| 1,2   | 9/26/2022  | 9/30/2022  | IP 71130.09     | 001656 | Security Plan Changes   |             |
| 1,2   | 9/26/2022  | 9/30/2022  | IP 71151        | 001338 | Performance Indicator Verification  |             |
| <b>HATCH REQUAL INSPECTION</b>                              |            |            |                 |        |   | 2           |
| 1,2   | 10/17/2022 | 10/21/2022 | IP 71111.11B    | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance |             |
| <b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - HAT</b>     |            |            |                 |        |   | 6           |
| 1,2   | 10/24/2022 | 10/28/2022 | IP 71130.03     | 000735 | Contingency Response - Force-On-Force Testing                               |             |
| 1,2   | 11/14/2022 | 11/18/2022 | IP 71130.03     | 000735 | Contingency Response - Force-On-Force Testing                               |             |
| <b>EMERGENCY PREPAREDNESS PROGRAM INSPECTION</b>            |            |            |                 |        |   | 2           |
| 1,2   | 12/12/2022 | 12/16/2022 | IP 71114.02     | 000717 | Alert and Notification System Testing                                       |             |
| 1,2   | 12/12/2022 | 12/16/2022 | IP 71114.03     | 000718 | Emergency Response Organization Staffing and Augmentation System            |             |
| 1,2   | 12/12/2022 | 12/16/2022 | IP 71114.04     | 000719 | Emergency Action Level and Emergency Plan Changes                           |             |
| 1,2   | 12/12/2022 | 12/16/2022 | IP 71114.05     | 000720 | Maintenance of Emergency Preparedness                                       |             |
| 1,2   | 12/12/2022 | 12/16/2022 | IP 71151        | 001397 | Performance Indicator Verification  |             |
| <b>RP OCCUPATIONAL RADIATION SAFETY BASELINE INSPECTION</b> |            |            |                 |        |   | 5           |
| 1,2   | 2/6/2023   | 2/10/2023  | IP 71124.01     | 000725 | Radiological Hazard Assessment and Exposure Controls                        |             |
| 1,2   | 2/6/2023   | 2/10/2023  | IP 71124.03     | 000727 | In-Plant Airborne Radioactivity Control and Mitigation                      |             |
| 1,2   | 2/6/2023   | 2/10/2023  | IP 71124.04     | 000728 | Occupational Dose Assessment  |             |
| 1,2   | 2/6/2023   | 2/10/2023  | IP 71124.05     | 000729 | Radiation Monitoring Instrumentation  |             |
| 1,2   | 2/6/2023   | 2/10/2023  | IP 71151        | 000746 | Performance Indicator Verification  |             |
| <b>UNIT 2 IN-SERVICE INSPECTION</b>                         |            |            |                 |        |   | 1           |
| 2   | 2/13/2023  | 2/17/2023  | IP 71111.08G    | 000701 | Inservice Inspection Activities (BWR)                                       |             |
| <b>FOCUSED ENGINEERING INSPECTION</b>                       |            |            |                 |        |   | 3           |
| 1,2   | 4/24/2023  | 4/28/2023  | IP 71111.21N.03 | 001808 | Commercial Grade Dedication   |             |
| 1,2   | 5/8/2023   | 5/12/2023  | IP 71111.21N.03 | 001808 | Commercial Grade Dedication   |             |
| <b>OPERATION ON AN ISFSI</b>                                |            |            |                 |        |   | 2           |
| 1,2   | 5/15/2023  | 5/19/2023  | IP 60855        | 001001 | Operation Of An ISFSI   |             |
| <b>POST-APPROVAL LICENSE RENEWAL PHASE 4</b>                |            |            |                 |        |   | 4           |

# Site Inspection Activity Plan

|  |            |            |              |        |   |   |
|--|------------|------------|--------------|--------|---|---|
| 1,2  | 5/22/2023  | 5/26/2023  | IP 71003     | 000687 | Post-Approval Site Inspection for License Renewal   |   |
| <b>RP PUBLIC RADIATION SAFETY BASELINE INSPECTION</b>                    |            |            |              |        |   | 2 |
| 1,2  | 7/10/2023  | 7/14/2023  | IP 71124.06  | 000730 | Radioactive Gaseous and Liquid Effluent Treatment   |   |
| 1,2  | 7/10/2023  | 7/14/2023  | IP 71124.07  | 000731 | Radiological Environmental Monitoring Program   |   |
| 1,2  | 7/10/2023  | 7/14/2023  | IP 71151     | 000746 | Performance Indicator Verification  |   |
| <b>SNC CORPORATE AA/FFD INSPECTION</b>                                   |            |            |              |        |   | 2 |
| 1,2  | 8/28/2023  | 9/1/2023   | IP 71130.01  | 000733 | Access Authorization  |   |
| 1,2  | 8/28/2023  | 9/1/2023   | IP 71130.08  | 000740 | Fitness For Duty Program  |   |
| <b>PROBLEM IDENTIFICATION &amp; RESOLUTION</b>                           |            |            |              |        |   | 4 |
| 1,2  | 9/11/2023  | 9/15/2023  | IP 71152B    | 000747 | Problem Identification and Resolution   |   |
| 1,2  | 9/25/2023  | 9/29/2023  | IP 71152B    | 000747 | Problem Identification and Resolution   |   |
| <b>SECURITY BASELINE INSPECTION</b>                                      |            |            |              |        |   | 1 |
| 1,2  | 9/18/2023  | 9/22/2023  | IP 71130.01  | 000733 | Access Authorization  |   |
| 1,2  | 9/18/2023  | 9/22/2023  | IP 71130.08  | 000740 | Fitness For Duty Program  |   |
| <b>CYBER SECURITY INSPECTION</b>   |            |            |              |        |   | 4 |
| 1,2  | 10/2/2023  | 10/6/2023  | IP 71130.10  | 000741 | Cybersecurity   |   |
| <b>HATCH INITIAL LICENSE EXAM</b>  |            |            |              |        |   | 5 |
| 1,2  | 10/23/2023 | 10/27/2023 | OV           | 000956 | FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)                                   |   |
| 1,2  | 11/27/2023 | 12/9/2023  | EXAD         | 000500 | FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)  |   |
| <b>EMERGENCY PREPAREDNESS EXERCISE INSPECTION</b>                        |            |            |              |        |   | 5 |
| 1,2  | 10/30/2023 | 11/3/2023  | IP 71114.01  | 000716 | Exercise Evaluation   |   |
| 1,2  | 10/30/2023 | 11/3/2023  | IP 71114.04  | 000719 | Emergency Action Level and Emergency Plan Changes   |   |
| 1,2  | 10/30/2023 | 11/3/2023  | IP 71151     | 001397 | Performance Indicator Verification  |   |
| <b>SECURITY BASELINE INSPECTION</b>                                      |            |            |              |        |   | 2 |
| 1,2  | 11/13/2023 | 11/17/2023 | IP 71130.02  | 000734 | Access Control  |   |
| 1,2  | 11/13/2023 | 11/17/2023 | IP 71130.09  | 001656 | Security Plan Changes   |   |
| 1,2  | 11/13/2023 | 11/17/2023 | IP 71151     | 001338 | Performance Indicator Verification  |   |
| 1,2  | 11/13/2023 | 11/17/2023 | IP 81311     | 000831 | Physical Security Requirements for Independent Spent Fuel Storage Installations               |   |
| <b>RP RAD SAFETY OCCUPATIONAL AND TRANSPORTATION BASELINE INSPECTION</b> |            |            |              |        |   | 2 |
| 1,2  | 2/5/2024   | 2/9/2024   | IP 71124.01  | 000725 | Radiological Hazard Assessment and Exposure Controls  |   |
| 1,2  | 2/5/2024   | 2/9/2024   | IP 71124.08  | 000732 | Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation |   |
| 1,2  | 2/5/2024   | 2/9/2024   | IP 71151     | 000746 | Performance Indicator Verification  |   |
| <b>UNIT 1 IN-SERVICE INSPECTION</b>                                      |            |            |              |        |   | 1 |
| 1  | 2/12/2024  | 2/16/2024  | IP 71111.08G | 000701 | Inservice Inspection Activities (BWR)   |   |
| <b>SECURITY BASELINE INSPECTION</b>                                      |            |            |              |        |   | 2 |

# Site Inspection Activity Plan

|     |           |           |             |        |   |
|-----|-----------|-----------|-------------|--------|---|
| 1,2 | 3/18/2024 | 3/22/2024 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance |
| 1,2 | 3/18/2024 | 3/22/2024 | IP 71130.07 | 000739 | Security Training                               |