



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

August 25, 2023

Eric S. Carr
President – Nuclear Operations
and Chief Nuclear Officer
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Blvd
Glenn Allen, VA 23060-6711

SUBJECT: UPDATED INSPECTION PLAN FOR NORTH ANNA POWER STATION, UNITS
1 AND 2 (REPORT 05000338/2023005 AND 05000339/2023005)

Dear Eric Carr:

The enclosed inspection plan lists the inspections scheduled through June 30, 2025, for the North Anna Power Station. 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.

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 404-997-4547 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew S. Fannon".

Signed by Fannon, Matthew
on 08/25/23

Matthew S. Fannon, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket Nos. 05000338 and 05000339 and 07200056
License Nos. NPF-4 and NPF-7

Enclosure:
North Anna Inspection/Activity Plan (09/01/2023 – 06/30/2025)

cc w/ encl: Distribution via LISTSERV

SUBJECT: UPDATED INSPECTION PLAN FOR NORTH ANNA POWER STATION, UNITS
 1 AND 2 (REPORT 05000338/2023005 AND 05000339/2023005)
 Dated August 25, 2023

Distribution:

M. Fannon
 K. Carrington
 A. Wilson
 R2EICS
 RIDSNRRDRO
 RidsNrrPMNorthAnna Resource
 ROPAssessment Resource
 PUBLIC

ADAMS ACCESSION NUMBER: ML23236A616

| | | | | | |
|--|------------|---|--|---|--|
| <input checked="" type="checkbox"/> SUNSI Review | | <input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive | | <input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available | |
| OFFICE | RII/DRP | RII/DRP | | | |
| NAME | A. Wilson | M. Fannon | | | |
| DATE | 08/25/2023 | 08/25/2023 | | | |

OFFICIAL RECORD COPY

Site Inspection Activity Plan

07200016 - North Anna (ISFSI)

09/01/2023 - 06/30/2025

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|-------------------------------------|----------|-----------|----------|--------|---|-------------|
| AGING MANAGEMENT OF AN ISFSI | | | | | | 2 |
| | 1/8/2024 | 1/12/2024 | IP 60859 | | INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI) LICENSE RENEWAL INSPECTION | |
| SECURITY BASELINE ISFSI | | | | | | 1 |
| | 2/5/2024 | 2/9/2024 | IP 81311 | 001006 | Physical Security Requirements for Independent Spent Fuel Storage Installations | |

Site Inspection Activity Plan

07200056 - North Anna (ISFSI)

09/01/2023 - 06/30/2025

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|------------------------------|----------|----------|----------|--------|-----------------------|-------------|
| OPERATION OF AN ISFSI | | | | | | 2 |
| | 9/2/2024 | 9/6/2024 | IP 60855 | 001001 | Operation Of An ISFSI | |

Site Inspection Activity Plan

North Anna

09/01/2023 - 06/30/2025

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|--|------------|------------|--------------|--------|---|-------------|
| UNIT 2 IN-SERVICE INSPECTION | | | | | | 1 |
| 2 | 9/18/2023 | 9/22/2023 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RP OCCUPATIONAL RAD SAFETY AND TRANSPORTATION BASELINE INSPECTION | | | | | | 2 |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation | |
| 1,2 | 9/18/2023 | 9/22/2023 | IP 71151 | 000746 | Performance Indicator Verification | |
| EMERGENCY PREPAREDNESS PROGRAM INSPECTION | | | | | | 2 |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71114.02 | 000717 | Alert and Notification System Testing | |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71114.03 | 000718 | Emergency Response Organization Staffing and Augmentation System | |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes | |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71114.05 | 000720 | Maintenance of Emergency Preparedness | |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71151 | 001397 | Performance Indicator Verification | |
| SECURITY BASELINE INSPECTION | | | | | | 2 |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| 1,2 | 11/13/2023 | 11/17/2023 | IP 71130.07 | 000739 | Security Training | |
| AGING MANAGEMENT OF AN ISFSI | | | | | | 2 |
| 1,2 | 1/8/2024 | 1/12/2024 | IP 60859 | | INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI) LICENSE RENEWAL INSPECTION | |
| DOMINION CORPORATE SECURITY INSPECTION AA/FFD | | | | | | 2 |
| 1,2 | 1/8/2024 | 1/12/2024 | IP 71130.01 | 000733 | Access Authorization | |
| 1,2 | 1/8/2024 | 1/12/2024 | IP 71130.08 | 000740 | Fitness For Duty Program | |
| NORTH ANNA REQUAL INSPECTION | | | | | | 2 |
| 1,2 | 1/22/2024 | 1/26/2024 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance | |
| SECURITY BASELINE INSPECTION | | | | | | 1 |
| 1,2 | 2/5/2024 | 2/9/2024 | IP 71130.01 | 000733 | Access Authorization | |
| 1,2 | 2/5/2024 | 2/9/2024 | IP 71130.08 | 000740 | Fitness For Duty Program | |
| UNIT 1 IN-SERVICE INSPECTION +SG | | | | | | 2 |
| 1 | 3/11/2024 | 3/22/2024 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION | | | | | | 3 |
| 1,2 | 3/11/2024 | 3/15/2024 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1,2 | 3/11/2024 | 3/15/2024 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1,2 | 3/11/2024 | 3/15/2024 | IP 71124.04 | 000728 | Occupational Dose Assessment | |

Site Inspection Activity Plan

| | | | | | |
|-----|-----------|-----------|-------------|--------|--|
| 1,2 | 3/11/2024 | 3/15/2024 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation |
| 1,2 | 3/11/2024 | 3/15/2024 | IP 71151 | 000746 | Performance Indicator Verification |
| 1,2 | 3/25/2024 | 3/29/2024 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls |
| 1,2 | 3/25/2024 | 3/29/2024 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation |
| 1,2 | 3/25/2024 | 3/29/2024 | IP 71124.04 | 000728 | Occupational Dose Assessment |
| 1,2 | 3/25/2024 | 3/29/2024 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation |
| 1,2 | 3/25/2024 | 3/29/2024 | IP 71151 | 000746 | Performance Indicator Verification |

TARGET SET INSPECTION 1

| | | | | | |
|-----|----------|-----------|-------------|--------|-------------------------------------|
| 1,2 | 4/8/2024 | 4/12/2024 | IP 71130.14 | 000743 | Review of Power Reactor Target Sets |
|-----|----------|-----------|-------------|--------|-------------------------------------|

FOCUSED ENGINEERING INSPECTION (FPTI) 4

| | | | | | |
|-----|-----------|-----------|-----------------|--------|--|
| 1,2 | 4/29/2024 | 5/3/2024 | IP 71111.21N.05 | 001646 | Fire Protection Team Inspection (FPTI) |
| 1,2 | 5/13/2024 | 5/17/2024 | IP 71111.21N.05 | 001646 | Fire Protection Team Inspection (FPTI) |

NORTH ANNA INITIAL LICENSE EXAM 4

| | | | | | |
|-----|-----------|-----------|------|--------|---|
| 1,2 | 6/23/2024 | 6/29/2024 | OV | 000956 | FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV) |
| 1,2 | 8/4/2024 | 8/17/2024 | EXAD | 000500 | FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD) |

FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - NA 5

| | | | | | |
|-----|-----------|-----------|-------------|--------|---|
| 1,2 | 7/8/2024 | 7/12/2024 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing |
| 1,2 | 7/29/2024 | 8/2/2024 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing |

EMERGENCY PREPAREDNESS EXERCISE INSPECTION 5

| | | | | | |
|-----|-----------|-----------|-------------|--------|---|
| 1,2 | 7/15/2024 | 7/19/2024 | IP 71114.01 | 000716 | Exercise Evaluation |
| 1,2 | 7/15/2024 | 7/19/2024 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes |
| 1,2 | 7/15/2024 | 7/19/2024 | IP 71151 | 001397 | Performance Indicator Verification |

OPERATION OF AN ISFSI 2

| | | | | | |
|-----|----------|----------|----------|--------|-----------------------|
| 1,2 | 9/2/2024 | 9/6/2024 | IP 60855 | 001001 | Operation Of An ISFSI |
|-----|----------|----------|----------|--------|-----------------------|

SECURITY BASELINE INSPECTION 1

| | | | | | |
|-----|----------|-----------|-------------|--------|------------------------------------|
| 1,2 | 9/9/2024 | 9/13/2024 | IP 71130.02 | 000734 | Access Control |
| 1,2 | 9/9/2024 | 9/13/2024 | IP 71130.09 | 001656 | Security Plan Changes |
| 1,2 | 9/9/2024 | 9/13/2024 | IP 71151 | 001338 | Performance Indicator Verification |

UNIT 2 IN-SERVICE INSPECTION +SG 2

| | | | | | |
|---|-----------|-----------|--------------|--------|---------------------------------------|
| 2 | 3/17/2025 | 3/28/2025 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) |
|---|-----------|-----------|--------------|--------|---------------------------------------|

PROBLEM IDENTIFICATION & RESOLUTION 4

| | | | | | |
|-----|-----------|-----------|-----------|--------|---------------------------------------|
| 1,2 | 4/28/2025 | 5/2/2025 | IP 71152B | 000747 | Problem Identification and Resolution |
| 1,2 | 5/12/2025 | 5/16/2025 | IP 71152B | 000747 | Problem Identification and Resolution |

NORTH ANNA INITIAL EXAM 4

| | | | | | |
|-----|-----------|-----------|----|--------|---|
| 1,2 | 6/22/2025 | 6/28/2025 | OV | 000956 | FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV) |
|-----|-----------|-----------|----|--------|---|

NORTH ANNA INITIAL LICENSE EXAM 4

Site Inspection Activity Plan

| | | | | | | |
|---|-----------|-----------|-------------|--------|---|---|
| 1,2 | 6/22/2025 | 6/28/2025 | OV | 000956 | FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |
| RP PUBLIC RADIATION SAFETY BASELINE INSPECTION | | | | | | 2 |
| 1,2 | 6/23/2025 | 6/27/2025 | IP 71124.06 | 000730 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1,2 | 6/23/2025 | 6/27/2025 | IP 71124.07 | 000731 | Radiological Environmental Monitoring Program | |
| 1,2 | 6/23/2025 | 6/27/2025 | IP 71151 | 000746 | Performance Indicator Verification | |