



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

May 28, 2024

Nicole Flippin
Site Vice President
Duke Energy Carolinas, LLC
Catawba Nuclear Station
4800 Concord Road
York, SC 29745-9635

**SUBJECT: CATAWBA NUCLEAR STATION – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION FOR NRC PROBLEM IDENTIFICATION AND
RESOLUTION INSPECTION**

Dear Nicole Flippin:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region II staff will conduct a problem identification and resolution (PI&R) inspection at your Catawba Nuclear Station during the weeks of August 26 – 30, and September 16 – 20, 2024. The inspection team will be led by Donna Jackson, a Senior Project Engineer, from the NRC's Region II office. This inspection will be conducted in accordance with the baseline inspection procedure (IP) 71152, Problem Identification and Resolution, effective January 1, 2024.

The biennial PI&R inspection and assessment of the licensee's corrective action program (CAP) complements and expands upon the resident baseline inspections of routine daily screening of all CAP issues, quarterly focused issue reviews, and semiannual trend PI&R reviews.

On May 23, 2024, Donna Jackson confirmed with Sherry Andrews of your staff, the two-week onsite inspection.

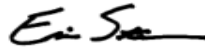
The enclosure lists documents that will be needed prior to the inspection. Please have the referenced information available no later than July 29, 2024, unless otherwise stated. Contact Donna Jackson with any questions concerning the requested information. The inspectors will try to minimize your administrative burden by specifically identifying only those documents required for inspection preparation.

If additional documents are needed, they will be requested when identified. Prior to the onsite inspection, Donna Jackson will discuss with your staff the following inspection support administrative details: availability of knowledgeable plant engineering and licensing personnel to serve as points of contact during the inspection; method of tracking inspector requests during the inspection; access to licensee computers; working space; arrangements for site access; and other applicable information.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Thank you for your cooperation in this matter. If you have any questions regarding the information requested or the inspection, please contact Donna Jackson at (404) 997-4892.

Sincerely,



Signed by Stamm, Eric
on 05/28/24

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

Docket Nos. 05000413 and 05000414
License Nos. NPF-35 and NPF-52

Enclosure: Information Request for Catawba
Nuclear Station Problem
Identification and Resolution
Inspection

cc Distribution via Listserv

PAPERWORK REDUCTION ACT STATEMENT

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, control number 3150-0011.

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The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

SUBJECT: CATAWBA NUCLEAR STATION – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION FOR NRC PROBLEM IDENTIFICATION AND
RESOLUTION INSPECTION DATED MAY 28, 2024

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OFFICE	RII/DRP	RII/DRP			
NAME	D. Jackson	E. Stamm			
DATE	5/24/2024	5/28/2024			

OFFICIAL AGENCY RECORD

**INFORMATION REQUEST FOR CATAWBA NUCLEAR STATION
PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION
(August 26 – 30, and September 16 – 20, 2024)**

Note: Unless otherwise noted, the information requested below corresponds to documents generated since September 1, 2022. Please provide the requested documents in electronic format. If the information is not available in electronic format, or contains sensitive information, please contact the inspection team leader to coordinate other available methods to provide the information.

1. Copies of the corporate and site level procedures and sub-tier procedures associated with the corrective action program (CAP). This should include procedures related to:
 - a) Corrective action process
 - b) Cause evaluation
 - c) Operability determination process
 - d) Operating experience program
 - e) 10 CFR Part 21 and programs for reporting defects and non-compliance
 - f) Employee concerns program
 - g) Self-assessment program
 - h) Maintenance rule program and implementing procedures
 - i) System health process or equivalent equipment reliability improvement programs
 - j) Work management (i.e., work orders (WOs) and work requests (WRs))
 - k) Quality assurance program

If any of the procedures requested above were revised after September 1, 2022, provide (or have available) copies of all subsequent revisions during the onsite inspection.

2. List of top ten risk significant systems, top ten risk significant components for each one of the top ten risk significant systems, and top ten risk significant operator manual actions; and a copy of the probabilistic risk assessment importance measures report, if available. **Please provide by July 1, 2024.**
3. List of all nuclear condition reports (NCRs) initiated including the following information for each:
 - a) NCR number
 - b) Subject line
 - c) Problem description
 - d) Affected system
 - e) Affected component
 - f) Responsible organization
 - g) CAP characterization
 - h) Status

Provide this list in a format compatible with spreadsheet software (example shown below) and ensure the list is searchable and can be filtered by system and organization.

NCR #	Subject	Description	System	Component	Org	CAP/ Not CAP	Status
02351551	"A" RHR Pump failed flow criteria per SR 5.0.5.4	Should include most/all of description section from NCR entry	RHR	2-RHR-PMP- A	ENG	CAP	APPROVED

Enclosure

4. List of outstanding corrective actions including the following information for each action:
 - a) Corrective action number
 - b) Corrective action type (e.g., corrective action to prevent recurrence, enhancement, maintenance rule evaluation, etc.)
 - c) Brief, but complete corrective action description
 - d) Associated NCR/action request (AR) number
 - e) Corrective action initiation date
 - f) Number of extensions
 - g) Corrective action due date
 - h) Completion status

Provide this list in a format compatible with spreadsheet software (example shown below) and ensure the list is searchable and can be filtered by system and organization.

Corrective Action #	Type	Subject	AR	Initiation Date	Extensions	Due Date	Status
02351551-01	CAPR	Revise Procedure NGK- 003-4585	AR0058	01/05/22	2	06/15/23	Awaiting review

5. List of control room deficiencies with a brief description and corresponding AR/NCR and/or WO/WR number.
6. List of operator workarounds and operator burdens with a brief description and corresponding AR/NCR and/or WO/WR number.
7. List of all prompt operability determinations or other engineering evaluations to provide reasonable assurance of operability; if fewer than approximately 20, provide full NCR package.
8. List of all NCRs/WRs/WOs that have been voided, canceled, or deleted if not provided in other responses to this information request. Please provide the following information for each:
 - a) NCR/WR/WO number
 - b) Subject line
 - c) Affected system
 - d) Responsible organization
 - e) CAP characterization
 - f) Reason voided, canceled, or deleted
9. List of all structures, systems, and components (SSCs) which were/are classified as (a)(1) in accordance with the maintenance rule since September 2022. Please include the following information for each system in (a)(1):
 - a) Date of classification in (a)(1)
 - b) Reason for being placed in (a)(1)
 - c) Planned actions and their status
 - d) Copy of evaluations
10. List of Maintenance Preventable Functional Failures of risk significant systems with actions completed and current status, and associated NCR packages.

11. List of all corrective or deficient maintenance WR/WOs for safety-related SSCs with priority of 1 through 5 *and* all WR/WOs for issues characterized as a condition adverse to quality. Include the following information for each WO:

- a) WR/WO number
- b) Brief, but complete work description
- c) Affected system and component(s)
- d) Date of initiation and due date
- e) CAQ designation
- f) Priority
- g) Status
- h) Associated NCR (if applicable)

Provide this list in a format compatible with spreadsheet software (example shown below) and ensure the list is searchable and can be filtered by system.

WR/WO #	Description	System	Component	Initiation Date	Due Date	CAQ	Priority	Status
WO01345	Replace breaker 2A-BKR-08-BB4 for 2A SI Pump.	SI	2A-SI-PMP, BKR-08-BB4	01/05/11	03/15/22	Yes	3	Closed

12. Corrective action packages (including NCR and all attachments), for all NRC findings and licensee-identified violations (LIVs). Include a cross reference linking NRC finding numbers and LIVs to appropriate NCR number(s).

13. Corrective action packages (including NCR and all attachments) for all licensee event reports (LERs) submitted. Include a cross reference linking LER number to appropriate NCR number(s).

14. List of all NRC generic communications (e.g., Information Notices, Generic Letters, etc.) and industry operating experience (OpE) documents (e.g., Part 21 reports, vendor information letters, information from other sites, etc.) evaluated for applicability to the station, regardless of the determination of applicability. Include the reference number (e.g., NCR number) for the documents that evaluated the aforementioned OpE information.

15. Copies of all quality assurance/Nuclear Oversight audits and/or assessments issued, including the last two audits/assessments of the CAP.

16. Copies of all department self-assessments.

17. Copy of the most recent integrated plant trend report, departmental trend report(s), and corrective action trend report, including any human performance and equipment reliability trends.

18. If performed, provide all self-assessments of the site safety culture completed.

19. Copies of CAP documents related to cross-cutting issues (human performance, problem identification and resolution, and safety conscious work environment) identified via trending, self-assessments, safety review committee or other oversight methods.

20. Contact information and availability during inspection period for Employee Concerns Program representative on site.

21. Copy of the latest CAP statistics (if exists) such as the number of NCRs initiated by department, human performance errors by department, and others as may be available.
22. List of routine meetings and agenda involving the CAP (including but not limited to CAP screening, maintenance rule, operating experience, new work screening team, operations focus, management review, challenge, etc.) to be held during the inspection period.
23. **Five-year Review:** NCRs related to equipment aging issues in the top ten risk significant systems since **September 2019** (e.g., system erosion and/or corrosion problems; electronic component aging or obsolescence of circuit boards, power supplies, relays, etc.; environmental qualification). Please provide the following information for each NCR, in a format compatible with spreadsheet software and ensure the list is sortable and searchable:
 - a) NCR number
 - b) Subject line
 - c) Problem description
 - d) Affected system
 - e) Affected component
 - f) Responsible organization
 - g) CAP characterization
 - h) Status
24. List of all root cause, apparent cause, common cause and related or similar cause evaluations with a brief description. Provide complete corrective action packages (NCR and all attachments) for all root cause evaluations.
25. System health reports, system design-basis documents, maintenance rule functions and status, and system description information upon notification of system selections.