



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

March 24, 2025

Delson Erb
Vice President, OPS Support
Tennessee Valley Authority
1101 Market Street, LP 4A-C
Chattanooga, TN 37402-2801

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

Dear Delson Erb:

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 Sequoyah Nuclear Plant during the weeks of June 9, 2025, and June 23, 2025. The inspection team will be led by Coleman Curran, Brunswick Resident Inspector, 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 on 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 corrective action program issues, quarterly focused issue reviews, and semiannual trend PI&R reviews.

On March 19, 2025, Mr. Curran confirmed with Rick Medina, of your staff, arrangements for the two-week onsite inspection.

The enclosure lists documents that will be needed prior to the inspection. Unless otherwise noted, please have the referenced information available no later than May 5, 2025. Contact Mr. Curran 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, Mr. Curran 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 and its enclosure 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 Mr. Curran at (240) 641-3719.

Sincerely,



Signed by McKown, Louis
on 03/24/25

Louis J. McKown, II, Branch Chief
Reactor Projects Branch 5
Division of Operating Reactor Safety

Docket Nos.: 05000327 and 05000328
License Nos.: DPR-77 and DPR-79

Enclosure:
Information Request for Sequoyah Problem
Identification & Resolution Inspection

cc: w/Encl: via Listserv

SUBJECT: SEQUOYAH NUCLEAR PLANT – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION FOR NRC PROBLEM IDENTIFICATION AND
RESOLUTION INSPECTION DATED MARCH 24, 2025

DISTRIBUTION:

C. Curran, RII/DORS

M. Riley, RII/DORS

D. Hardage, RII/DORS

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R2 ACES

RIDSNNRRDRO Resource

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ADAMS ACCESSION NUMBER: ML25083A064

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| <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/DORS | RII/DORS | | | |
| NAME | C. Curran | L. McKown | | | |
| DATE | 03/24/2025 | 03/24/2025 | | | |

OFFICIAL RECORD COPY

**INFORMATION REQUEST FOR SEQUOYAH
PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION
(JUNE 9-13, 2025, AND JUNE 23-27, 2025)**

Note: Unless otherwise noted, the information requested below corresponds to documents generated since March 1, 2023. Please provide the requested documents in electronic format. If the information is not available in electronic format, 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. 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) Quality assurance program
 - k) Work management (i.e., work orders (WOs) and work requests (WRs))

If any of the procedures requested above were revised after June 20, 2023, please provide (or have available) copies of all revisions during the onsite inspection.

2. **Please provide by April 14, 2025**, a 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.
3. List of all Condition Reports (CRs) initiated including the following information on each CR:
 - a) CR number
 - b) Brief, but complete problem description
 - c) Affected system
 - d) Affected component
 - e) Responsible plant department
 - f) CR completion status
 - g) CAQ characterization

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.

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

4. List of outstanding corrective actions including the following information for each action:

Enclosure

- 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 CR 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 | Description | CR | Initiation Date | Extensions | Due Date | Status |
|---------------------|------|-------------------------------|--------|-----------------|------------|----------|----------------------|
| CA0034 | CAPR | Revise Procedure NGK-003-4585 | CR0058 | 01/05/12 | 2 | 06/15/12 | Awaiting CARB review |

5. List of control room deficiencies with a brief description and corresponding CR and/or work order (WO) number
6. List of operator workarounds and operator burdens with a brief description and corresponding CR 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 CR package.
8. List of all CRs that have been voided, cancelled, or deleted. Please provide the following information for each CR:
 - a) CR number
 - b) Brief, but complete problem description
 - c) Affected system
 - d) Responsible organization
 - e) CAP characterization
 - f) Reason voided, cancelled, or deleted
9. List of all structures, systems, and components (SSCs) which were classified as (a)(1) in accordance with the Maintenance Rule. 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 (MPFF) of risk significant systems with actions completed and current status, and associated CR(s).

11. List of corrective and deficient maintenance WOs and WRs for safety-related (SR) structures, systems, and components *and* any condition considered a condition adverse to quality. Please include the following information for each:

- a) WO number
- b) Brief, but complete work description
- c) Affected system and components
- d) Date of initiation
- e) Date of completion (if completed)
- f) Associated CR (if applicable)
- g) Priority
- h) Status (e.g., open/closed)
- i) CAQ characterization

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 closeout packages, including CRs with description of corrective actions, for all NRC findings and licensee-identified violations (LIVs). Include a cross reference linking NRC finding tracking numbers and LIVs to appropriate CR numbers.
13. Corrective action closeout packages, including CRs with description of corrective actions, for all licensee event reports (LERs) issued. Include a cross reference linking LER number to appropriate CR number.
14. List of all NRC generic communications (e.g., Information Notices, Generic Letters, etc.) and industry operating experience (OE) documents (e.g., Part 21 reports, vendor information letters, information from other sites, etc.) evaluated by the site for applicability to the station, regardless of the determination of applicability. Include the reference number (e.g., CR number) for the documents that evaluated the aforementioned OE information.
15. Copies of all quality assurance audits and/or assessments issued, including the last two audits/assessments of the corrective action program.
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 within the last two years.

19. Copies of corrective action program 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 CRs initiated by department, human performance errors by department, and others as may be available.
22. List of routine meetings and agendas 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:** List of CRs related to equipment aging issues in the top ten risk significant systems since March 1, 2020 (e.g., system erosion and/or corrosion problems; electronic component aging or obsolescence of circuit boards, power supplies, relays, etc.; environmental qualification). Provide the following information for each CR, in a format compatible with spreadsheet software and ensure the list is sortable and searchable:
 - a) CR number
 - b) Priority
 - c) CR 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 equipment cause evaluations with a brief description.
25. Following notification of system selections, please provide system health reports, system design basis documents, maintenance rule functions and status, and system description information for the selected systems.