



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

September 27, 2017

Mr. David R. Vineyard
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

**SUBJECT: EDWIN I. HATCH NUCLEAR PLANT – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION FOR NUCLEAR REGULATORY COMMISSION
PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION**

Dear Mr. Vineyard:

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 Edwin I. Hatch Nuclear Plant, Units 1 and 2, during the weeks of November 13-17 and December 4-8, 2017. The inspection will be led by Mr. Adam Ruh, a Resident Inspector. This inspection will be conducted in accordance with the baseline inspection procedure, Procedure 71152, Problem Identification and Resolution, issued February 26, 2015.

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 September 18, 2017, Mr. Ruh confirmed, with Mr. Barry Coleman of your staff, arrangements for the two-week onsite inspection.

The enclosure lists documents that will be needed prior to the inspection. Please have the referenced information available prior to October 30, 2017. Contact Mr. Ruh 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. Ruh 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* (10 CFR) 2.390 of the NRC's "Agency Rules of Practice," a copy of this letter and its enclosure 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).

Thank you for your cooperation in this matter. If you have any questions regarding the information requested or the inspection, please contact Mr. Adam Ruh at (912) 367-9881.

Sincerely,

/RA/

Reinaldo Rodriguez, Acting Chief
Reactor Projects Branch 7
Division of Reactor Projects

Docket Nos.: 50-321 and 50-366
License Nos.: DPR-57 and NPF-5

Enclosure:
Information Request for Edwin I. Hatch
Nuclear Plant, PI&R Inspection

cc: Distribution via Listserv

"PAPERWORK REDUCTION ACT STATEMENT

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PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION
September 27, 2017

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DATE	9/18/2017	9/26/2017				

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**INFORMATION REQUEST FOR EDWIN I. HATCH NUCLEAR PLANT
PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION
(November 13-17, and December 4-8, 2017)**

A. Documents Needed Prior to October 30, 2017

Note: Unless otherwise noted, the information requested below corresponds to documents generated since December 12, 2015. 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 alternate ways 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) Operating experience program
 - d) Employee concerns program
 - e) Self-assessment program
 - f) Maintenance rule program and implementing procedures
 - g) Operability determination process
 - h) Degraded/non-conforming condition process (e.g., RIS 2015-20)
 - i) System health process or equivalent equipment reliability improvement programs
 - j) Preventive maintenance deferral and condition report (CR) extension process

If any of the procedures requested above were revised after December 12, 2015, please provide copies of all revisions.

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.
3. List of all CRs initiated including the following information for each CR:
 - a) CR Number
 - b) Brief, but complete problem description
 - c) Priority or level
 - d) Affected system
 - e) Affected component
 - f) Responsible plant department
 - g) Current CR completion status

Enclosure

Provide this list in a format compatible with spreadsheet software (example shown below)

CR #	Problem	Priority	System	Component	Org	Status
CR13000123	"A" RHR Pump failed flow criteria per SR 3.5.1.3	2	RHR	2-RHR-PMP-A	ENG	Open

4. List of outstanding corrective actions including the following information for each action:
- Corrective action number
 - Corrective action type (e.g., corrective action to prevent recurrence, enhancement, maintenance rule evaluation, etc.)
 - Brief, but complete corrective action description
 - Associated CR number
 - Corrective action initiation date
 - Number of Extensions
 - Corrective action due date
 - Completion status

If possible, provide this list in a format compatible with spreadsheet software (example shown below)

Corrective Action #	Type	Description	CR	Initiation Date	Extensions	Due Date	Status
CA0034	CAPR	Revise Procedure NGK-003-4585	13012058	01/05/15	2	06/15/18	Closed

- List of control room deficiencies with a brief description and corresponding CR and/or work order (WO) number.
- List of control room equipment issues that do not meet the threshold for being classified as a "control room deficiency," but are otherwise tracked by the licensee. For example: 'white dot issues.' Include the equipment identifier and corresponding CR and/or work order (WO) number.
- List of operator workarounds and operator burdens with a brief description and corresponding CR number.
- List of all currently extended or overdue CRs, sorted by initiation date, with the following information:

- (a) CR Number
 - (b) Priority or Significance
 - (c) CR title and short description
9. List of all CRs that have been voided or cancelled. Please provide the following information for each CR:
- (a) CR Number
 - (b) Brief, but complete problem description
 - (c) Reason voided or cancelled
10. List of all structures, systems, and components (SSCs) which were classified as (a)(1) in accordance with the Maintenance Rule since August 01, 2015. 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
11. List of Maintenance Preventable Functional Failures (MPFF) of risk significant systems. Please include actions completed and current status.
12. List of corrective maintenance work orders. Please include the following information for each work order:
- (a) WO number
 - (b) Brief, but complete work description
 - (c) Affected system and components
 - (d) Date of initiation
 - (e) Date of completion (if completed)

If possible, provide this list in a format compatible with spreadsheet software (example shown below)

Work Order #	Description	System	Component	Initiation Date	Due Date	Status
WO01345	Replace breaker 2A-BKR-08-BB4 for 2A RHR Pump.	SI	2A-RHR-PMP, BKR-08-BB4	01/05/16	03/15/18	Closed

13. Corrective action closeout packages, including CRs with description of corrective actions, for all NRC findings and Licensee Identified Violations (LIV). Please include a cross reference linking NRC finding numbers and LIVs to the appropriate CR numbers.
14. Corrective action closeout packages, including CR with description of corrective actions, for all licensee event reports (LER) issued. Please include a cross reference linking LER numbers to the appropriate CR numbers.

15. 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. Please include the reference number (e.g. CR #) for the documents that evaluated the aforementioned OE information.
16. Copies of all quality assurance audits and/or assessments issued, including the last two audits/assessments of the corrective action program.
17. Copies of all department self-assessments for those programs related to the Corrective Action Program (e.g. Operating Experience, Maintenance Rule, etc.)
18. 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.
19. Copy of the latest Corrective Action Program statistics (if exists) such as the number of CRs initiated by department, human performance errors by department, and others as may be available.
20. Copies of any minutes of meetings by the offsite safety review boards/groups. In addition, please provide a list of routine meetings involving the CAP to be held while the team is onsite.
21. List of CRs related to equipment aging issues in the top ten risk significant systems since November 1, 2012, (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 CR:
 - a) CR number
 - b) Priority
 - c) CR problem description
22. If performed, please provide any recent self-assessment of the site safety culture.
23. 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.
24. List of all completed root cause evaluations including CR number, title, and date of completion. Provide closeout packages for all root cause evaluations.
25. List of all completed apparent cause evaluations including CR number, title, and date of completion.
26. Copy of Probabilistic Risk Assessment importance measures report, if available.

27. System Health Reports, system design basis documents, and system description information for the top ten risk significant systems.
28. Copy of the Quality Assurance Program Topical Report.