UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

August 6, 2009

Mr. Dennis R. Madison
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11030 Hatch Parkway North
Baxley, GA 31513

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

Dear Mr. Madison:

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 reactor facility during the weeks of October 19 – 23 and November 2 – October 6, 2009. The inspection team will be led by Mike King, a Region 2 Senior Project Engineer. This inspection will be conducted in accordance with the baseline inspection procedure, Procedure 71152, Identification and Resolution of Problems Inspection, issued January 10, 2008.

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.

During a telephone conversation on July 28, 2009, Mr. King confirmed with Mr. Steve Tipps, of your staff, arrangements for an information gathering site visit and the two-week onsite inspection. The schedule is as follows:

- Information gathering visit: September 8 - 9, 2009
- Onsite weeks: October 19 - 23 and November 2 - 6, 2009

The purpose of the information gathering visit is to meet with members of your staff to define the scope of the inspection. Information and documentation needed to support the inspection will also be identified.

The enclosure lists documents that will be needed prior to the information gathering visit. Please have the referenced information available prior to September 8, 2009. Contact Mr. King 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.

Additional documents will be requested during the information gathering visit. The additional information will need to be made available to the team in the Region II office prior to the inspection team's preparation week of October 12 - 16, 2009. Mr. King will also discuss 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 10 CFR 2.390 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 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. Mike King at (404) 562-4511 or me at (404) 562-4496.

Sincerely,

/SDA RA for/

Dan Mertzke, 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 Problem Identification Resolution Inspection

cc w/Encl.: (See page 3)

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cc w/Encl.: (See page 3)

X PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE X NON-SENSITIVE

ADAMS: ☐ Yes ACCESSION NUMBER:_____ ☐ SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SDA RA for	SDA RA for					
NAME	MKing	DMerzke					
DATE	08/06/2009	08/06/2009					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: I:\RPB7\LETTERS\HATCH NOTIFICATION LETTER.DOC

cc w/encl:
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Letter to Dennis R. Madison from Dan Mertzke dated August 6, 2009.

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

Distribution w/encl:
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L. Slack, RII
OE Mail
RIDSNRRDIRS
PUBLIC
RidsNrrPMHatch Resource

INFORMATION REQUEST FOR EDWIN I. HATCH NUCLEAR PLANT PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION (OCTOBER 19 - 23 and NOVEMBER 2 – 6, 2009)

A. Documents Needed Prior to the Information Gathering Visit

Note: Unless otherwise noted, the information requested below corresponds to documents generated since August 16, 2007. 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 2005-20), i) system health process, or equivalent equipment reliability improvement programs, and j) preventive maintenance deferral and action item/condition report (AI/CR) extension process. If any of the procedures requested above were revised after August 16, 2007, please provide copies of all revisions.

2. List of top ten risk significant systems, components, and operator manual actions.

3. List of all AI/CRs initiated, sorted by severity level, with the following information: a) AI/CR number, b) severity level, and c) AI/CR title and short description.

4. List of AI/CRs that were upgraded or downgraded with the AI/CR number, title, and short description.

5. List of all AI/CRs initiated, sorted by the following responsible plant departments. In each department grouping, please provide the AI/CRs sorted by severity level, with the following information: a) AI/CR number, b) severity level, and c) AI/CR title and short description.

    a) Engineering;
    b) Maintenance;
    c) Health Physics; and,
    d) Chemistry.

6. List of outstanding corrective actions with a brief description, severity level, initiation date, and due date.

7. List of control room deficiencies with a brief description and corresponding AI/CR and/or work order (WO) number.

8. List of operator workarounds and operator burdens with a brief description and corresponding AI/CR number

9. List of all operability evaluations with a brief description and corresponding AI/CR number.

10. List of temporary modifications and engineering review requests with a brief description and corresponding AI/CR number.

11. List of all currently extended AI/CRs or overdue, sorted by initiation date, with the following information: a) AI/CR number, b) severity level, and c) AI/CR title and short description.

12. List of all AI/CRs that have been voided or cancelled. Please sort by AI/CR number, with title or description of problem, and reason voided or cancelled.

13. List of all structures, systems, and components (SSC) which were classified as (a)(1) in accordance with the Maintenance Rule. Please include applicable procedures for classifying systems or components as (a)(1), date and reason for being placed in (a)(1), and actions completed and current status. Also, provide copy of any self-assessment of the Maintenance Rule program conducted.

14. List of Maintenance Preventable Functional Failures (MPFF) of risk significant systems. Please include actions completed and current status.

15. List of corrective maintenance work orders, sorted by system and component, to include: WO number, title or description, date of initiation, and date of completion (if completed).

16. Corrective action closeout packages, including AI/CRs with description of corrective actions, for all NRC findings and Licensee identified violations.

17. Corrective action closeout packages, including AI/CRs with description of corrective actions, for all licensee event reports (LERs) issued.

18. 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. AI/CR #) for the documents that evaluated the aforementioned OE information.

19. Copies of all quality assurance audits and/or assessments issued, including the last two audits/assessments of the corrective action program. In addition, please provide any self-assessment of the site safety culture conducted.

20. Copies of all department self-assessments.

21. 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. Copy of any adverse trends in equipment, processes, procedures, or programs.

22. Copies of any Corrective Action Program Effectiveness Reviews.

23. Copy of the latest Corrective Action Program statistics (if exists) such as the number of AI/CRs initiated by department, human performance errors by department, and others as may be available.

24. List of action items generated or addressed by the Nuclear Safety Review Board.

25. 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 team is onsite.

26. List of AI/CRs related to equipment aging issues in the top ten risk significant systems since August 16, 2006 (e.g., system erosion and/or corrosion problems; electronic component aging or obsolescence of circuit boards, power supplies, relays; environmental qualification). Please sort by AI/CR number with the following information: a) AI/CR number, b) severity level, and c) AI/CR title and short description.

27. If performed, provide the results from the latest safety culture survey.

28. 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.

29. List of all root and apparent cause evaluations with a brief description.

30. Copy of Probabilistic Risk Assessment importance measures report.

31. Organizational charts for the following: a) management, b) security, c) licensed operators, d) non-licensed operators, e) mechanical maintenance, f) electrical maintenance, g) radiation protection, h) design engineering, i) first and second line supervisors, j) emergency preparedness, k) chemistry, and l) any other groups that perform work on safety-related equipment.

32. A description of any alternative corrective action process within the organization that may not be controlled within the guidance of the Corrective Action Program (i.e., Radiological Protection, Security, Training, Warehouse).

33. List and description of operator training deficiencies and simulator deficiencies.

34. List of work deferred from the last refueling outage.

B. Documents Needed during or after the Information Gathering Visit, but prior to the Inspection Preparation Week (October 12 - 16, 2009)

1. For the risk significant systems selected by the team leader during the information gathering visit, please provide copies of the latest System Health Reports, system design basis documents, system description information, and piping and instrumentation drawings (P&IDs).

2. List of corrective action documents that have resulted from the Employee Concerns Program (ECP). (Note: This should be provided by the ECP Coordinator)