



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

June 10, 2009

Mr. David A. Heacock  
President and Chief Nuclear Officer  
Virginia Electric and Power Company  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: SURRY POWER STATION – NOTIFICATION OF INSPECTION AND REQUEST  
FOR INFORMATION FOR NRC PROBLEM IDENTIFICATION AND  
RESOLUTION INSPECTION

Dear Mr. Heacock:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region II staff will conduct a biennial problem identification and resolution (PI&R) inspection at your Surry Power Station during the weeks of September 14 – 18 and September 28 – October 2, 2009. The inspection team will be led by Joel Rivera-Ortiz, a Senior Reactor Inspector from the NRC's Region II office. This inspection will be conducted in accordance with baseline inspection 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 May 28, 2009, Mr. Rivera-Ortiz confirmed with Mr. Barry Garber, of your staff, arrangements for an information gathering site visit and the two-week onsite inspection. The schedule is as follows:

- Information gathering visit: August 5 – 7, 2009
- Onsite weeks: September 14 – 18, 2009 and September 28 – October 2, 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 during the information gathering visit. Please have the referenced information available on August 5, 2009. Contact Mr. Rivera-Ortiz 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 September 7, 2009. Mr. Rivera-Ortiz 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. Joel Rivera-Ortiz at (404) 562-4825 or myself at (404) 562-4560.

Sincerely,

*/RA/*

Steven J. Vias, Chief  
Reactor Projects Branch 7  
Division of Reactor Projects

Docket Nos.: 50-280, 50-281  
License Nos.: DPR-32, DPR-37

Enclosure: INFORMATION REQUEST FOR SURRY POWER STATION PROBLEM  
IDENTIFICATION AND RESOLUTION INSPECTION

cc w/enc – See page 3

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cc w/enc – See page 3

X PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE      X NON-SENSITIVE  
 ADAMS: X Yes      ACCESSION NUMBER: \_\_\_\_\_       SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP				
SIGNATURE	JER /RA/	SJV /RA/				
NAME	J.Rivera-Ortiz	SVias				
DATE	06/10/2009	06/10/2009				
E-MAIL COPY?	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO

VEPCO

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cc w/encl:

Gerald T. Bischof  
Site Vice President  
Surry Power Station  
Virginia Electric and Power Company  
Electronic Mail Distribution

B. L. (Sonny) Stanley  
Director, Nuclear Safety and Licensing  
Virginia Electric and Power Company  
Electronic Mail Distribution

Lillian M. Cuoco, Esq.  
Senior Counsel  
Dominion Resources Services, Inc.  
Electronic Mail Distribution

Chris L. Funderburk  
Director, Nuclear Licensing & Operations Support  
Virginia Electric and Power Company  
Electronic Mail Distribution

Ginger L. Alligood  
Virginia Electric and Power Company  
Electronic Mail Distribution

Virginia State Corporation Commission  
Division of Energy Regulation  
P.O. Box 1197  
Richmond, VA 23209

Attorney General  
Supreme Court Building  
900 East Main Street  
Richmond, VA 23219

Michael M. Cline  
Director  
Virginia Department of Emergency Services Management  
Electronic Mail Distribution

VEPCO

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Letter to David A. Heacock from Steven J. Vias dated June 10, 2009

SUBJECT: SURREY POWER STATION – NOTIFICATION OF INSPECTION AND REQUEST  
FOR INFORMATION FOR NRC PROBLEM IDENTIFICATION AND  
RESOLUTION INSPECTION

Distribution w/encl:

C. Evans, RII

L. Slack, RII

OE Mail

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PUBLIC

RidsNrrPMSurrey Resource

**INFORMATION REQUEST FOR SURRY POWER STATION PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION (SEPT. 14 – 18, 2009 AND SEPT. 28 – OCT. 2, 2009)**

**A. Documents Needed for the Information Gathering Visit (August 5 – 7, 2009)**

Note: Unless otherwise noted, the information requested below corresponds to documents generated since September 12, 2007. Please provide the requested documents in electronic format. If the information is not available in electronic format or it cannot be provided as requested, please contact the inspection team leader to coordinate alternate methods for providing 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
  - j) Preventive maintenance deferral and condition report (CR) extension process.

If any of the procedures requested above was revised after September 12, 2007, 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) CR completion status

Please provide this list in an electronic format compatible with spreadsheet software.

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)

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- 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.

Please provide this list in an electronic format compatible with spreadsheet software.

5. List of control room deficiencies with a brief, but complete description and corresponding CR and/or work order (WO) number.
6. 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
7. List of all structures, systems, and components (SSC) which were classified as (a)(1) in accordance with the Maintenance Rule since September 12, 2007. 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
8. List of Maintenance Preventable Functional Failures (MPFF) of risk significant systems. Please include actions completed and current status.
9. 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
  - c) Date of initiation
  - d) Date of completion (if completed)
10. Corrective action closeout packages, including CRs with description of corrective actions, for all NRC findings and Licensee identified violations.
11. Corrective action closeout packages, including CRs with description of corrective actions, for all licensee event report (LERs) issued.
12. 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. OPEX Number, CR Number, etc) for the documents that evaluated the aforementioned OE information.

13. Copies of all quality assurance audits and/or assessments issued, including the last two audits/assessments of the corrective action program.
  14. Copies of all department self-assessments for those programs related to the Corrective Action Program (e.g. Operating Experience, Maintenance Rule, etc)
  15. 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.
  16. 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.
  17. 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.
  18. List of CRs related to equipment aging issues in the top ten risk significant systems since September 14, 2004 (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, and c) CR problem description.
  19. If performed, provide the results from the latest safety culture survey.
  20. Copies of corrective action program documents (i.e. CRs) 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.
  21. List of all root cause evaluations with a brief description.
  22. Copy of Probabilistic Risk Assessment importance measures report.
- B. Documents Needed during or after the Information Gathering Visit (August 5, 2009), but prior to the Inspection Preparation Week (September 7, 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 diagrams (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)
  3. List of CRs initiated from August 5, 2009 to September 7, 2009 as requested in item A.3 above.