March 9, 2007

Mr. James A. Spina, Vice President
Calvert Cliffs Nuclear Power Plant, Inc.
Calvert Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657-4702

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT - NOTIFICATION OF TRIENNIAL FIRE PROTECTION BASELINE INSPECTION

Dear Mr. Spina:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region I staff will conduct a triennial fire protection baseline inspection at Calvert Cliffs Nuclear Power Plant in June 2007. The inspection team will be led by Larry Scholl from the NRC Region I office. The inspection will be conducted in accordance with NRC inspection procedure 71111.05TTP, the NRC's baseline fire protection inspection procedure for plants in the transition to a fire protection program based on NFPA 805, "Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants."

The schedule for the inspection is as follows:

- Information gathering visit - Week of May 28, 2007
- Weeks of onsite inspection - June 11 - 15 and June 25 - 29, 2007

The purposes of the information gathering visit are to obtain information and documentation needed to support the inspection, to become familiar with the station fire protection programs, fire protection features, and post-fire safe shutdown capabilities and plant layout, and, as necessary, obtain plant specific site access training and badging for unescorted site access. A list of the types of documents the team may be interested in reviewing and possibly obtaining, are listed in Enclosure 1. The team leader will contact you with specific document requests prior to the information gathering visit.

During the information gathering visit, the team will also discuss the following inspection support administrative details: office space size and location; specific documents requested to be made available to the team in their office spaces; arrangements for reactor site access, including radiation protection training, security, safety and fitness for duty requirements; and the availability of knowledgeable plant engineering and licensing organization personnel to serve as points of contact during the inspection.

We request that during the onsite inspection week you ensure that copies of analyses, evaluations, or documentation regarding the implementation and maintenance of the Calvert Cliffs Nuclear Power Plant fire protection program, including post-fire safe shutdown capability, be readily accessible to the team for their review. Of specific interest are those documents

which establish that your fire protection program satisfies NRC regulatory requirements and conforms to applicable NRC and industry fire protection guidance. Also, personnel should be available at the site during the inspection who are knowledgeable regarding those plant systems required to achieve and maintain safe shutdown conditions from inside and outside the control room, including the electrical aspects of the relevant post-fire safe shutdown analyses, reactor plant fire protection systems and features, and the Calvert Cliffs Nuclear Power Plant fire protection program and its implementation.

Your cooperation and support during this inspection will be appreciated. If you have questions concerning this inspection, or the inspection team's information or logistical needs, please contact Larry Scholl, the team leader in the Region I Office at (610) 337-5144.

Sincerely,

/RA/

John F. Rogge, Chief
Engineering Branch 3
Division of Reactor Safety

Docket Nos. 50-317
50-318
License Nos. DPR-53
DPR-69

Enclosure: Reactor Fire Protection Program Supporting Documentation

cc w/encl:
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ENCLOSURE

Reactor Fire Protection Program Supporting Documentation

[Note: This is a broad list of the documents the NRC inspection team may be interested in reviewing, and possibly obtaining, during the information gathering site visit.]

1. The current version of the Fire Protection Program and Fire Hazards Analysis.

2. Current versions of the fire protection program implementing procedures (e.g., administrative controls, surveillance testing, fire brigade).

3. Fire brigade training program and pre-fire plans.

4. Post-fire safe shutdown analysis (including alternative shutdown).

5. Piping and instrumentation (flow) diagrams showing the systems and components used to achieve and maintain hot standby and cold shutdown for fires outside the control room and those components used for those areas requiring alternative shutdown capability.

6. Plant layout drawings which identify plant fire area delineation, areas protected by automatic fire suppression and detection, and the locations of fire protection equipment.

7. Plant layout drawings which identify the location of the post-fire emergency lighting units.

8. Plant operating procedures which would be used for shutdown from the control room with a postulated fire occurring in any plant area outside the control room, and procedures which would be used to implement alternative shutdown capability in the event of a fire in either the control or cable spreading room.

9. Maintenance and surveillance testing procedures for alternative shutdown capability and fire barriers, detectors, pumps and suppression systems. (Last completed copy.)

10. A list of fire protection and post-fire safe shutdown related design change packages (including their associated 10 CFR 50.59 evaluations) and Generic Letter 86-10 evaluations.

11. The reactor plant's IPEEE, results of any post-IPEEE reviews, and listings of actions taken/plant modifications conducted in response to IPEEE information.

12. Copies of AC and DC electrical system one line diagrams. (From offsite power grid connections down to the 120 volt level.)

13. Organization charts of site personnel down to the level of fire protection staff personnel.

14. A listing of the SERs which form the licensing basis for the reactor plant's post-fire safe shutdown configuration.

15. A list of applicable codes and standards related to the design of plant fire protection features and evaluations of code deviations.

16. The three most recent fire protection QA audits and/or fire protection self-assessments.

17. Recent QA surveillances of fire protection activities.

18. A listing of open fire protection and fire safe shutdown related condition reports.

19. A listing of fire protection and fire safe shutdown condition reports closed in the past three years.

20. Fire protection system health reports (last 2).

21. Lesson Plans and related training information for licensed and non-licensed operators for post-fire safe shutdown (including alternative shutdown).