

April 23, 2008

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
INSPECTION OF THE IMPLEMENTATION OF B.5.b PHASE 2 AND 3
MITIGATING STRATEGIES USING TEMPORARY INSTRUCTION
2515/171

Dear Mr. Spina:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) staff will conduct an inspection at Calvert Cliffs Nuclear Power Plant the week of May 19, 2008. The inspection team will be led by Mr. William Cook from the NRC Region I office. The team will be composed of the resident inspector, an NRR inspector/contractor, and the team leader. The inspection will be conducted in accordance with NRC Temporary Instruction 2515/171, "Verification of Site Specific Implementation of B.5.b Phase 2 and 3 Mitigation Strategies."

In order for the NRC to adequately prepare for this inspection, please furnish the documents listed in Enclosure 1 to the NRC team lead, resident inspector, and NRR inspector (one copy each) at least two weeks prior to the planned on site inspection. Please have available on site at the beginning of the inspection the documents listed in Enclosure 2. Ms. Susan Reichard, of your staff, has been advised of this request and other inspection team support needs, including the names and addresses of the inspectors assigned to this inspection.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on June 30, 2009.

Mr. James A. Spina

2

Your cooperation and support during this inspection will be appreciated. If you have any questions regarding this inspection, please contact Mr. Cook at (610)337-5074, or me at (610)337-5146.

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

Enclosures:

1. Documentation Requested Prior to the Inspection
2. Arrangements/Documents Requested to be Available Onsite During the Inspection Week

Mr. James A. Spina

2

Your cooperation and support during this inspection will be appreciated. If you have any questions regarding this inspection, please contact Mr. Cook at (610)337-5074, or me at (610)337-5146.

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

Enclosures:

1. Documentation Requested Prior to the Inspection
2. Arrangements/Documents Requested to be Available Onsite During the Inspection Week

SUNSI Review Complete: JR (Reviewer's Initials)

DOCUMENT NAME: T:\DRS\DIRECTOR\Cook\Calvert Cliffs Request Letter for B5b info.doc

ADAMS ACC#ML081160154

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RI/DRS		RI/DRS		RI/DRP	
NAME	WCook/WC		JRogge/JR		GDentel/GD	
DATE	04/23/2008		04/23/2008		04/23/2008	

OFFICIAL RECORD COPY

Mr. James A. Spina

3

cc w/encl:

M. J. Wallace, President, Constellation Generation

J. M. Heffley, Senior Vice President and Chief Nuclear Officer

President, Calvert County Board of Commissioners

C. W. Fleming, Esq., Senior Counsel, Nuclear Generation Group

J. Gaines, Director, Licensing

Director, Nuclear Regulatory Matters

R. McLean, Manager, Nuclear Programs

K. Burger, Esquire, Maryland People's Counsel

R. Hickok, NRC Technical Training Center

S. Pattison, SLO (2)

Mr. James A. Spina

4

Distribution w/encl: (via E-mail)

S. Collins, RA

M. Dapas, DRA

M. Gamberoni, DRS

D. Roberts, DRS

S. Williams, RI OEDO (Acting)

J. Lubinski, NRR

D. Pickett, PM, NRR

A. Muniz, NRR

G. Dentel, DRP

B. Bickett, DRP

J. Hawkins, DRP

S. Kennedy, DRP, Senior Resident Inspector

M. Davis, DRP, Resident Inspector

C. Newgent, DRP, Resident OA

J. Rogge, DRS

W. Cook, DRS

Region I Docket Room (with concurrences)

ROPreports@nrc.gov

DOCUMENTATION REQUESTED PRIOR TO THE INSPECTION

Please provide the items below two weeks prior to the onsite inspection week. For any items below not supplied prior to the onsite inspection week, please have the item available at the start of the onsite inspection. Please provide as much as possible in electronic format. You are reminded to properly identify and handle all Official Use Only-Security-Related Information and/or Proprietary Information in accordance with current guidance.

1. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc.
2. A matrix that shows the correlation between the mitigation strategies identified in NEI 06-12 and the site-specific procedures or guidelines that are used to implement the strategy.
3. Engineering evaluations/calculations that were used to verify engineering bases for the mitigation strategies.
4. Simplified flow diagrams for systems relied upon in the mitigation strategies. These diagrams could be the type used for training.
5. Simplified drawings/descriptions of modifications that were made to plant systems to implement the mitigation strategies.

**ARRANGEMENTS/DOCUMENTS REQUESTED TO BE AVAILABLE ONSITE
DURING THE INSPECTION WEEK**

1. Provide a conference room to accommodate up to four (4) NRC staff. Preferably this would be outside the protected area.
2. Site B.5.b contact person(s) should be available for the week
3. B.5.b engineering persons(s) should be on call for questions about any engineering calculations.
4. Appropriate Operations staff should be available, as needed, for plant walkdowns throughout the week.
5. Modification packages for any plant modifications performed as a result of B.5.b.
6. Detailed drawings (e.g., P&IDs) of systems used to implement mitigating strategies.
7. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc. This is the same as Item 1 to Enclosure 1, except that hard copies of these procedures/guidelines should be made available for each member of the inspection team.
8. Copies of procedures used to inventory equipment used in the mitigation strategies (e.g., hoses, fittings, pumps, etc.).
9. Training records/ training matrix/ lesson plans related to B.5.b.
10. Copies of Memoranda of Understanding (MOUs) with local fire departments or other emergency services that are required to implement any mitigating strategies.
11. Copies of any evaluations performed to document that enough equipment is available to implement the mitigating strategies (e.g., enough fire hose or electrical cable is available based on a plant walkdown or review of drawings).
12. You are reminded to properly identify and handle all Official Use Only - Security-Related Information and/or Proprietary Information in accordance with current guidance.