

July 15, 2004

Mr. George Vanderheyden, Vice President
Calvert Cliffs Nuclear Plant, Inc.
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NO. 1 RE: FINAL
ACCIDENT SEQUENCE PRECURSOR ANALYSIS OF MAY 2001
OPERATIONAL CONDITION

Dear Mr. Vanderheyden:

Enclosed for your information is the final Accident Sequence Precursor (ASP) analysis of an operational condition which was identified at Calvert Cliffs Nuclear Power Plant, Unit No. 1, on May 16, 2001. The condition involved the unavailability of the turbine driven auxiliary feedwater pump for 1 year, and was described in the Nuclear Regulatory Commission (NRC) Inspection Report 50-317/01-09, dated August 24, 2001, and documented in Licensee Event Report 317/01-001. The turbine driven pump unavailability for 1 year was determined to be of moderate safety significance (Yellow) in accordance with the Significance Determination Process (SDP) as documented in the final significance determination for this issue, documented in Enforcement Action 01-206. Overall, the ASP results are consistent with the SDP finding. The results of the final ASP analysis indicate that this condition is an accident precursor (i.e., a condition which results in a change in conditional core damage probability (CCDP) $> 1E-6$).

For the May 2001 event, the findings in the ASP analysis (change in CCDP and dominant risk contributors) are consistent with those in the SDP. Since this ASP analysis confirms the results of the final significance determination, which has been reviewed by the NRC staff and Calvert Cliffs Nuclear Power Plant, Inc., it is being issued as a final product for information only. In the past, preliminary versions of all ASP analyses were issued for internal peer review by the NRC staff and for external peer review by the licensee. Comments received from these reviews were then resolved as part of the final analysis. To increase efficiency, we are now issuing the "noncontroversial" ASP analyses as final documents.

The NRC staff is continuing to review the appropriate classification of these documents within our records management program, considering changes in our practices following the events of September 11, 2001. Pending a final determination, the enclosed analyses have been marked as sensitive information. Therefore, the staff has not made it publicly available. Please control the document accordingly. We will inform you if the classification of the document changes as a result of our ongoing assessments.

If you have any questions regarding the analysis, please contact me at 301-415-1030.

Sincerely,

/RA/

Richard V. Guzman, Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-317

Enclosure: As stated (Sensitive - Not for Public Disclosure)

cc w/o encl: See next page

G. Vanderheyden

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DATE	7/15/04	7/15/04	7/15/04

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Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2

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