

November 10, 2003

Mr. Michael R. Kansler, President
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: INDIAN POINT NUCLEAR GENERATING UNIT NO. 2 RE: FINAL ACCIDENT
SEQUENCE PRECURSOR ANALYSIS OF JULY 2002 OPERATIONAL EVENT

Dear Mr. Kansler:

Enclosed for your information is the final Accident Sequence Precursor (ASP) analysis of an adverse condition which was identified at Indian Point Nuclear Generating Unit No. 2 in July 2002. The condition involved a moderate degradation of a control room wall fire barrier and was described in Nuclear Regulatory Commission (NRC) Inspection Report 50-247/02-010, dated July 19, 2002. The degraded fire barrier was determined to be of low to moderate safety significance (White) in accordance with the Significance Determination Process (SDP) as documented in the final significance determination for this issue, dated November 8, 2002. 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 July 2002 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 Entergy Nuclear Operations, 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 "non-controversial" 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" in accordance with Section 2.790(d) of Title 10 of the *Code of Federal Regulations*. Therefore, the staff has not made it publicly available. Please control the document accordingly (i.e., treat the document as if you had determined that it contained trade

M. Kansler

- 2 -

secrets and commercial or financial information that you considered privileged or confidential). 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 301-415-1457.

Sincerely,

/RA/

Patrick D. Milano, Sr. Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-247

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

cc w/o encl: See next page

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*See previous concurrence

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OFFICIAL RECORD COPY

Indian Point Nuclear Generating Unit No. 2

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