

June 17, 2004

Mr. Christopher M. Crane, President
and Chief Nuclear Officer
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: DRESDEN NUCLEAR POWER STATION UNIT 3 RE: FINAL ACCIDENT
SEQUENCE PRECURSOR ANALYSIS OF JULY 2001 OPERATIONAL
CONDITION

Dear Mr. Crane:

Enclosed for your information is the final Accident Sequence Precursor (ASP) analysis of an adverse condition which was identified at Dresden Nuclear Power Station Unit 3 in July 2001. The condition involved an inoperable high pressure coolant injection system after a water hammer event and was described in Nuclear Regulatory Commission (NRC) Inspection Report 50-249/02-021, dated November 16, 2001, and documented in LER 249/02-005, dated February 14, 2003. The inoperable system 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 (refer to Enforcement Action 02-264). 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 2001 condition, 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 Exelon Generation Company, LLC, 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 would like to respond to this letter and believe that

C. Crane

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your response may include potentially sensitive information, please discuss the matter with me prior to submitting the information.

If you have any questions regarding the analysis, please contact me at 301-415-2277.

Sincerely,

/RA/

Maitri Banerjee, Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No.: 50-249

Enclosure: ASP Analysis (Sensitive - Not For Public Disclosure)

cc w/o Enclosure: See next page

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Maitri Banerjee, Project Manager, Section 2
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cc w/o Enclosure: See next page

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DATE	06/17/04	06/12/04	06/17/04

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