

June 1, 2004

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

SUBJECT: LASALLE COUNTY STATION, UNIT NO. 2 - FINAL ACCIDENT SEQUENCE  
PRECURSOR ANALYSIS OF SEPTEMBER 2001 OPERATIONAL EVENT

Dear Mr. Crane:

Enclosed for your information is the final Accident Sequence Precursor (ASP) analysis of an adverse condition which was identified at the LaSalle County Station, Unit No. 2 in September 2001. The condition involved a reactor scram due to an undervoltage protective circuit actuation on a Division 1 engineered safety feature bus and is described in LER 374/01-003, dated October 25, 2001. The results of the final ASP analysis indicate that this condition is an accident precursor (i.e., a condition which results in a conditional core damage probability (CCDP)  $> 1E-6$ ).

The risk significance associated with this event was not analyzed under the Significance Determination Process.

The findings in the ASP analysis (CCDP and dominant risk contributors) are consistent with those in the licensee's risk analysis. This ASP analysis 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

C. Crane

- 2 -

the document accordingly. We will inform you if the classification of the document changes as a result of our ongoing assessments.

Please contact me at 301-415-1364 if you have any questions regarding the enclosure.

Sincerely,

***/RA/***

Douglas V. Pickett, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No.: 50-374

Enclosure: ASP Final Analysis (Sensitive - Not for Public Disclosure)

cc w/o encl: See next page

C. Crane

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Sincerely,

**/RA/**

Douglas V. Pickett, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No.: 50-374

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cc w/o encl: See next page

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DATE	06/01/04	06/01/04	06/01/04

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