

March 14, 2006

Mr. David A. Christian  
Senior Vice President and  
Chief Nuclear Officer  
Innsbrook Technical Center  
5000 Dominion Boulevard  
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SUBJECT: FERMI 2 - TRANSMITTAL OF FINAL ACCIDENT SEQUENCE PRECURSOR  
ANALYSES CONCERNING THE AUGUST 14, 2003 TRANSMISSION GRID  
BLACKOUT

Dear Mr. Cobb:

The enclosure provides the final results of the Accident Sequence Precursor (ASP) analyses of an event which occurred at Fermi 2 as documented in Licensee Event Report 341/03-002. The subject event occurred on August 14, 2003 during which Fermi 2 experienced grid instability and a subsequent reactor trip while operating at 100 percent power. Loss of offsite power occurred at 1611 hours. Plant emergency diesel generators started and supplied power to safety-related plant loads until offsite power was restored. The ASP analysis calculated a conditional core damage probability of  $2 \times 10^{-5}$ .

The enclosure is provided for your information and no response is requested.

Sincerely,

**/RA/**

David H. Jaffe, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosure:  
Final ASP Analysis

cc w/encl: See next page

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Fermi 2

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