

May 17, 1985

MEMORANDUM FOR: Karl V. Seyfrit, Chief  
Reactor Operations Analysis Branch

AEOD/E507

FROM: Matthew Chiramal, Chief  
Engineering Section  
Reactor Operations Analysis Branch

SUBJECT: ENGINEERING EVALUATION REPORT NO. E5  
ELECTRICAL INTERACTION BETWEEN UNITS  
DURING LOSS OF OFFSITE POWER EVENT  
OF AUGUST 21, 1984

Forwarded herewith is the subject Engineering Evaluation report for your consideration. The report is based on the review and evaluation of a loss of offsite power event at McGuire Unit 1. The event led to the trip of Unit 1 which was operating at full power, and the trip of Unit 2 which was starting up. The event illustrates how problems associated with auxiliary systems common to units at a multi-unit nuclear power station can propagate an event initiating at one unit to involve other units as well. The report recommends that the details of this event be included in a forthcoming issue of Power Reactor Events for feedback purpose.

/s/

Matthew Chiramal, Chief  
Engineering Section  
Reactor Operations Analysis Branch

Enclosure:  
As stated

cc w/enclosure:  
D. Hood, NRR  
W. Orders, SRI, McGuire Station  
W. Lanning  
J. Crooks  
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