

MAY 22 1980

MEMORANDUM FOR: Robert A. Clark, Chief
Operating Reactors Branch #3, DL

FROM: Faust Rosa, Chief
Power Systems Branch, DSI

SUBJECT: SAFETY EVALUATION PRAIRIE ISLAND UNITS 1 & 2
DOCKET NOS. 50-282 AND 50-306
DEGRADED GRID VOLTAGE PROTECTION FOR THE CLASS 1E
AC POWER SYSTEM (TACS 08734 AND 08735)

We are transmitting herewith our subject Safety Evaluation and its attachment, the Lawrence Livermore Laboratory's (LLL) Technical Evaluation UCID-18654 dated March 1980. This fulfills the request of TACS 08734 and 08735. We find the design modifications and Technical Specification changes proposed by Northern States Power Company for meeting the staff's position on degraded grid voltage protection to be acceptable. Our Safety Evaluation is based on our review of the LLL Technical Evaluation UCID-18654. We consider this report to be the final LLL report for TACS 08734 and 08735.

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Faust Rosa, Chief
Power Systems Branch
Division of Systems Integration

Enclosure:
As stated

cc: D. Ross
D. Eisenhut
P. Shemanski
P. Check
F. Rosa
R. Martin
PSB Members

Contact:
I. Ahmed
x27174

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OFFICE	PSB	PS	PSB	PSB		
SURNAME	IAhmed:bh1	PSheymanski	RFitzpatrick	FRosa		
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