

SEP 22 1981

Docket No. 50-369

MEMORANDUM FOR: Ralph Birkel, Project Manager
Licensing Branch 1, NRR

FROM: Stephen P. Sands
Office for Analysis and Evaluation
of Operational Data

SUBJECT: REQUEST ADDITIONAL INFORMATION FROM MCGUIRE 1 ON SAFETY
INJECTION AND NATURAL CIRCULATION EVENT ON SEPTEMBER 14, 1981

AEOB is conducting a study of "Natural Circulation" for all three PWR types. On September 14, 1981 McGuire 1 experienced a safety injection and subsequent natural circulation event during the performance of Loss of Control Room test.

The following additional information is requested for McGuire 1 in order to conduct our ongoing study on natural circulation. The data just prior to trip and up to one hour following the event are requested.

- Copies of strip charts of the following:

- Feed flow
- Steam generator level
- Steam generator pressure
- Condenser vacuum
- Primary system temperature Thot
- Primary system temperature Tcold wide and narrow range
- Primary system temperature Tavg
- Pressurizer level and pressure
- Primary loop ΔT

- Copies of process computer printout just prior to reactor trip and for one hour following the event at the preset computer time interval.

- Copies of operator's log for same interval indicated above listing sequence of events and actions taken by the operators.

An expeditious resolution of these items would be greatly appreciated.

PBR

XA

AID 8110050018

|s|

Stephen P. Sands
Office for Analysis and Evaluation
of Operational Data