Pocket No. 50-369

MEHORAMDUM FOR: Ralph Birkel, Project Manager

Licensing Branch 1, KRR

FROM:

Stephen P. Sands

Office for Analysis and Evaluation

of Operational Data

SUBJECT:

REQUEST ADDITIONAL INFORMATION FROM MCGUIRE 1 ON SAFETY

INJECTION AND MATURAL CIRCULATION EVENT ON SEPTEMBER 14, 1981

AEOD 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 or 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
  - -- Prinary system temperature

Thot

-- Primary system temperature Tcold

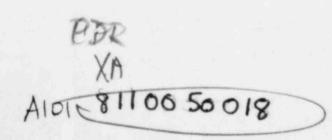
-- Primary system temperature

Tavg

-- Pressurizer level and pressure

- -- Primary loop AT
- 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.



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Stephen P. Sands
Office for Anlaysis and Evaluation

wide and narrow range

of Operational Data