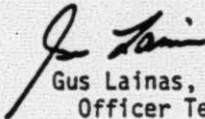




UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
April 13, 1979

MEMORANDUM FOR: V. Stello, Director, TMI Operations
FROM: G. Lainas, Duty Officer Team A
SUBJECT: NRR HEADQUARTERS ADVISORY

The attached advisory regarding the need for continuous recording of thermocouple readings was prepared by Ralph Meyer. It reflects a concensus view of an Industry/NRC Fuels Group that met in Bethesda on 4/12/79. It is also concurred in by the NRR group preparing the Cooldown Safety Evaluation (Berlinger, et al).


Gus Lainas, Duty
Officer Team A

Attachment -
As stated

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NRC ADVISORY -- THERMOCOUPLE READINGS

We recommend that all incore thermocouples be read in a continuous manner with provisions for rapid retrieval and permanent storage. It is clear that a continuous reading of thermocouples will be needed during the transition to natural circulation. It is also clear that temperature trends, which were not recorded during the pump changeover on April 6, would have given additional clues to core behavior in natural circulation. Since future flow transients cannot be ruled out and since the transition to natural circulation could occur involuntarily, we recommend that the continuous recording of all thermocouple readings be initiated as soon as possible.

A handwritten signature in cursive script, reading "Ralph O. Meyer".

Ralph O. Meyer, Leader
Reactor Fuels Section
Core Performance Branch

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