



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

APR 8 1982

MEMORANDUM FOR: John F. Stoltz, Chief
Operating Reactors Branch 4, DL

FROM: Robert J. Bosnak, Chief
Mechanical Engineering Branch, DE

SUBJECT: PUMP AND VALVE INSERVICE TESTING RELIEF
REQUESTS FOR THREE MILE ISLAND UNIT 1
(TAC 47050)

Reference: Letter from H. D. Hukill to J. F. Stoltz dated 9/25/81 (LIL 264)

The Mechanical Engineering Branch has completed its review of relief requests associated with this TAC number, as follows.

- ITEM 1: We feel the licensee's request to only measure flowrate for pumps RR-PIA/B at refueling outages is justified and feel that this relief should be granted.
- ITEM 2: Met-Ed requests relief from the measurement of ΔP , P_i and T_b for pumps SF-PIA/B. We agree with the justifications provided for P_i and T_b ; however, we feel that ΔP can be calculated, as is P_i , if outlet pressure is available. Relief should be granted as requested for P_i and T_b .
- ITEM 3: Met-Ed requests relief from the measurement of Q , ΔP , P_i and T_b for pumps CA-PIA/B. In addition, relief is requested to only perform testing at refueling outages. We agree with the justification provided for P_i and T_b ; however, we feel that ΔP can be calculated, as is P_i , since outlet pressure is available. The request to perform testing at refueling only appears to be acceptable based on the licensee's statement that no recirculation line is available for these pumps. Met-Ed's request to not measure flowrate during this testing is not acceptable as we feel that some alternate method (e.g. tank level change over time, etc.) will provide this parameter. As indicated above, relief should be granted as requested for P_i , T_b and refueling interval testing but should be denied for ΔP and Q .
- ITEM 4: This item provides clarification only and does not require relief.

Robert J. Bosnak, Chief
Mechanical Engineering Branch
Division of Engineering

cc: F. Cherny
R. Jacobs
J. Page

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