POOR ORIGINAL

E. G. Arndt

R. H. Engelken, Assistant Director for Inspection & Enforcement Division of Compliance

THRU: S. Levine, Assistant Director for Reactor Technology, ORL

METROPOLITAN EDISON COMPANY (THREE MILE ISLAND), DOCKET #50-289 CONCRETE VOIDS AT TENDON GALLERY

Division of Compliance Inquiry Memorandum 289/68-A of December 17, 1968, mentions concrete voids near three tendons in the tendon gallery of the containment building, apparently caused by scrap wood and mud being present in the forms at the time of concrete placement.

It appears that, taken in themselves, the observed voids, with the dimensions given, can readily be repaired by some means such as the proposed epoxy cement grout without any question arising as to the integrity of the in-place mat concrete.

However, these voids may indicate that the construction procedures or degree of inspection for the mat may have been inadequate. It would be desirable, therefore, to obtain the following information:

- 1. Details of pour procedure (number and sequence of pours, height of individual pours, etc.).
- Description of inspections carried out prior to, and at time of, pour, and the quality and depth of these inspections.
- 3. Information as to the overall quality of cleanup and form placement.
- 4. An outline of the repair program, when finalized.

A. W. Dromerick, Chief Containment & Component Technology Branch RT-39A Division of Reactor Licensing DRL: CACTB: EGA C. G. Long. DRL cc: J. P. O'Reilly, CO Distribution: C&CTB Reading L. Kornblith, Jr., CO Suppl. ADRT Reading DRL Reading F. Nolan, CO R. S. Boyd, DRL D. J. Skowholt, DRL DRL: C&CTB DRL: DADRT DRL: ADRI DRL: C&CTB OFFICE > E. G. Case, DRS ALGluckmann SURNAMBEC: 8. Levine, DRL AWDromerick RCDeYoung G Arndt:ewe R. C. DeYoung A. W. Dromerick Form AEC-318 (Rev. 2-53)

U.S. GOVERNMENT PRINTING OFFICE 1966--- 0-214-629