

POOR ORIGINAL

METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

117 OFFICE BOX 842 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 923-0001

June 13, 1973

Mr. F. E. Kruesi, Director
Directorate of Regulatory Operations
United States Atomic Energy Commission
Washington, DC 20545

SUBJECT: THREE MILE ISLAND NUCLEAR GENERATING STATION
UNITS 1 AND 2
DOCKET NOS. 50-289 AND 50-320
MAJOR COMPONENT WELD RECORDS

Dear Mr. Kruesi:

This is a formal submittal of a situation which could be considered reportable in accordance with 10 CFR 50.55(e)(1)(i), "Conditions of Construction Permits". This situation relates to the weld records for the TMI Units 1 and 2 reactor vessels, closure heads and pressurizers. Region 1 AEC/DRO principal inspector was notified of this situation 5/17/73.

DESCRIPTION OF INCIDENT

A recent audit of weld records conducted by BAW's QC organization at the BAW Mt. Vernon works has shown that documentation of the mechanical properties of some filler electrodes used for the manual metal arc process is incomplete. These filler electrodes were used to make weld repairs, form the fillets around nozzle welds, and attach some external structural to reactor vessels, closure heads and pressurizers.

CORRECTIVE ACTION

A report entitled, "Investigation of Major Weld Records" BAW-1403, was submitted to the Atomic Energy Commission by the Babcock & Wilcox Company. This report provides the data necessary to justify the use of certain lots of weld filler metal which had incomplete documentation of mechanical properties. The justification is the same as that present in BAW-1402, "Investigation of Steam Generator Weld Records". It is shown that the use of this material in the fabrication of reactor vessels, closure heads and pressurizers does not affect plant safety.

A copy of BAW-1403 is attached for your information.

Very truly yours,


J. G. Miller
Vice President

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asb
Attachment
cc: Mr. J. P. O'Reilly, Director (no attach.)

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