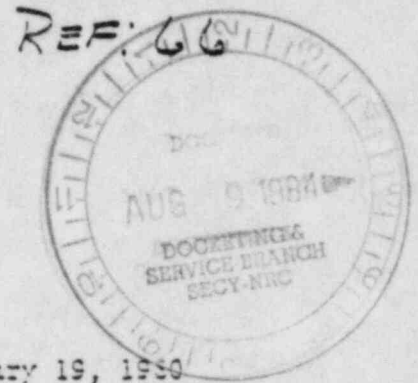


APPL. Ex. 111

PHILADELPHIA ELECTRIC COMPANY
ENGINEERING AND RESEARCH DEPARTMENT

QUALITY ASSURANCE
LIMERICK GENERATING STATION
UNITS 1 & 2

FIELD QA BRANCH MEMORANDUM



TO: D. Marano

DATE: February 19, 1980

SUBJECT: Recirculation Pipe Restraints

FROM: J. M. Corcoran

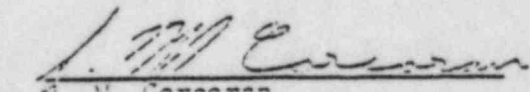
QAFCM NO.: S32

FILE NO.: QUAL 1-2-2 (330279-11)

REFERENCE: QAFCM #812, dated 10/22/79
Letter from D. Marano to
J. M. Corcoran, dated 1/23/80

Due to the development of cracks in another pipe restraint welded to the Unit 1 bioshield, we recommend that you re-evaluate your position for not requiring PT or NT of these field welds. Field Welding Engineers have determined that welding on the subject restraint was performed in accordance with proper sequence and procedures, and believe that in spite of this, the cracks developed as a result of the complex welds involving thick materials.

In view of the above, we would strongly recommend that Bechtel be asked to revise the subject drawing to require PT or NT of all the field welds for these pipe restraints, including field welding completed in the past on similar restraints.


J. M. Corcoran
Field QA Branch Head

DTC/mmk

cc: J. J. Clary
R. Long
H. R. Walters
R. A. Mulford
LCS File
J. M. Corcoran

Written Reply Req'd: Yes
Date Due: 5/17/80

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PDR ADCK 05000352
PDR
Q