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DATE

INTRA COMPANY MEMORANDUM
10-31123

December 22, 1987

File: LL-3

TO

RCS-87-10825

R. Schrauder, Nuclear Licensing Manager

FROM

J. Marley for W. Johnson

W. Johnson, Primary Systems Engineering Manager

SUBJECT

LCTS 3817 Closeout

This LCTS is a result of NRC Info Notice 86-108, Sup. 1 and Sup. 2, Degradation of Reactor Coolant System Pressure Boundary resulting from Boric Acid Corrosion. The supplements identified several additional occurrences of boric acid corrosion of ferritic steel components. The Notice recommends that inspection programs be reviewed to ensure adequate monitoring.

Toledo Edison, Davis-Besse, as a result of high RCS leakage during the first part of 1987 has taken several actions to maintain RCS leakage small and to minimize degradation of components due to boric acid corrosion. The action included adding an Attachment to PPI102.10, Plant Shutdown Procedure, which requires a walkdown of containment while in Mode 3 prior to shutting down to Mode 5 to look for any buildup of boron on piping or valves and to identify to Engineering any potential problem areas for evaluation. A RCS leakage management policy was put together as a result of our leakage problems. This policy was established to aid in maintaining RCS leakage as low as possible. The policy incorporates the need to identify, if possible, where leakage is and evaluate any boric acid corrosion concerns. This policy has been incorporated into the Operations Standing Order Book, as S087-015. It is felt that the above systems will minimize any boric acid corrosion of components.

Based upon the above LCTS 3817 is considered closed.

W. Johnson
WJS/JUN/SHA/cac

cc:

J. Wood
J. Dorton
B. Ratner
T. Thompson
J. Hallermeier
B. Singleton

IN 86-108 S122

Response

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