

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

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July 24, 1972



Mr. John F. O'Leary, Director
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Subject: Change to the Interim Report on Condenser Pump
Room Modifications for Quad-Cities Units 1 and 2 -
AEC Dkts 50-254 and 50-265

Dear Mr. O'Leary:

In the Interim Report concerning the modifications to be made to the Condensate Pump Room as a result of the flooding at Quad-Cities Units 1 and 2, certain pumps were committed to be installed at the Quad-Cities site to provide cooling water to the diesel generators. The commitment was to provide two 2,000 gpm and two 1,000 gpm diesel driven pumps. Under these preliminary calculations it was felt that we would need to cascade one 2,000 gpm with a 1,000 gpm diesel driven pump to get the required flow.

These pieces of equipment were based upon the preliminary calculations of line losses and flow requirements necessary to supply a 900 gpm flow to the diesel generators. However, when actual pump demonstrations were made we found that one 2,000 gpm diesel driven pump would supply the required cooling water flow for the diesel generator. In our original calculations we were requiring a lift from the canal of 30 feet and longer hose runs than were actually necessary. We have now demonstrated that we can move the pumps to an elevations which requires only a 12 foot lift and permits routing of hoses in a manner which cuts the distance to the diesel by several hundred feet.

We have also found and procured the pumps from another vendor who was able to supply pumps with a higher discharge head rating. We have functionally demonstrated the ability to cool a diesel generator with one of the 2,000 gpm diesel driven pumps. Our

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Mr. John F. O'Leary

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July 24, 1972

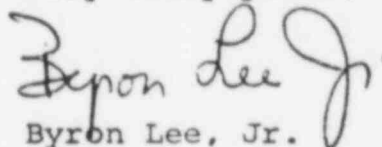
equipment list therefore consists of one 2,000 gpm diesel driven pump for cooling of the affected unit's diesel generator, one 2,000 gpm diesel driven pump as a back-up to the RHR service water cross-tie for cooling of the 1/2 diesel generator, and all necessary flanges, hoses, etc., required for operation.

RHR heat exchangers 1B and 2A were erroneously reported as the heat exchangers to be cross-tied on page 3 of the Interim Report. RHR heat exchangers 1A and 2B are in adjacent corner rooms and as such are the heat exchangers that will be cross-tied if needed.

The fuel for the pumps was reported to be supplied by hoses on page 4 of the Interim Report. Since the diesel pumps that have been procured have a fuel tank capable of sustaining operation for approximately eight hours before refilling, a continuous supply of fuel oil by hose is not required. The tanks will be refilled as necessary.

All other aspects of the Interim Report are being fulfilled according to the information contained therein.

Very truly yours,



Byron Lee, Jr.
Assistant to the President