

May 31, 1985

Docket No. 50-265

Mr. Dennis L. Farrar  
Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690

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Dear Mr. Farrar:

SUBJECT: IGSCC IN STAINLESS STEEL PIPING

Re: Quad Cities Station, Unit 2

Your submittals of December 15, 1984 and May 16, May 30, and May 31, 1985, describe your pipe inspection and repair program for the current outage of Quad Cities, Unit 2. A total of 74 welds, 34 of which are in the recirculation system, were ultrasonically inspected during the current outage. Of the 13 welds with previously identified crack indications, one was repaired by weld overlay at the initiative of the licensee, and two others were repaired by weld overlay because of concerns raised by the NRC staff. The inspection also identified two cracks in welds not previously inspected, which were subsequently repaired by weld overlay.

We have reviewed the information you provided on the inspection and repairs performed and conclude that the 10 unrepaired welds will not compromise the integrity of the reactor coolant pressure boundary. Therefore, Quad Cities Unit 2 can be safely operated for at least one additional operating cycle.

The Safety Evaluation which provides the basis for the above conclusions will be transmitted under separate cover.

Because of uncertainties about the longer term behavior of the piping, we request that your plans for inspection and/or modification of the reactor coolant pressure boundary piping systems during the next refueling outage be submitted for our review at least three months prior to start of the outage.

Sincerely,

Original signed by/

Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing

cc: See next page

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DVassallo  
05/31/85

Mr. Dennis L. Farrar  
Commonwealth Edison Company

Quad Cities Nuclear Power Station

cc:

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