



Commonwealth Edison

1400 Opus Place
Downers Grove, Illinois 60515

February 17, 1995

Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Quad Cities Station Units 1 and 2
NUREG-0619 Feedwater Nozzle Inspections
Additional Information
NRC Docket Nos. 50-254 and 50-265

Reference: J. Schrage to USNRC letter dated December 14, 1994

In the referenced letter, ComEd requested NRC Staff review and approval to use an enhanced, automated UT technique to examine the feedwater nozzles during the upcoming refuel outages at Quad Cities Station (Q1R15 and Q2R13), in lieu of the PT required by Section 4.3.2, Table 2 of NUREG-0619. The use of the enhanced, automated UT from the nozzle outer surface, instead of the PT from the inside of the reactor vessel, will avoid significant radiation exposure associated with the removal of the feedwater spargers and performance of the required PT.

As part of the referenced letter, ComEd provided the technical basis and justification for the use of the enhanced, automated UT technique to examine the feedwater nozzles. This technical justification included a commitment to complete a plant specific fracture mechanics assessment to verify that an assumed crack of 0.25" deep, which is the current conservative detection limit of an automated UT system, would not grow to exceed the allowable crack depth for the remainder of life for both units. This letter transmits this plant specific fracture mechanics assessment as an attachment to the letter.

To the best of my knowledge and belief, the statements contained herein are true and correct. In some respects, these statements are not based on my personal knowledge but obtained information furnished by other Commonwealth Edison employees and consultants. Such information has been reviewed in accordance with Company practices and I believe it to be reliable.

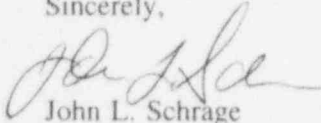
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We trust that the information is satisfactory; however, should you have any questions or desire any additional information on this issue, please do not hesitate to contact this office.

Sincerely,



John L. Schrage
Nuclear Licensing Administrator

Attachment

cc: J. Martin, Regional Administrator - RIII
C. Miller, Senior Resident Inspector - Quad Cities
R. Pulsifer, Project Manager - NRR
Office of Nuclear Facility Safety - IDNS



Mary Jo Yack 2/17/95

ATTACHMENT

**FLAW TOLERANCE EVALUATION
QUAD CITIES STATION
UNIT 1 AND UNIT 2
FEEDWATER NOZZLES**