



**Commonwealth Edison**  
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September 28, 1988

Mr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Quad Cities Station Units 1 and 2  
"Transmittal of Information in Support  
of Proposed Technical Specification  
Changes Resulting from the Hydrogen Water  
Chemistry (HWC) Program"  
NRC Docket Nos. 50-254 and 50-265

References (a): Letter from I.M. Johnson to T.E. Murley  
dated September 16, 1988.

(b): Letter from J.E. Richardson to G.H. Neils  
dated July 13, 1987.

Dear Mr. Murley:

In Reference (a), Commonwealth Edison requested a license amendment and associated Technical Specification changes which are needed as a result of Commonwealth Edison's plan to initiate a Hydrogen Water Chemistry (HWC) program at its Quad Cities Station Units 1 and 2.

In support of that change, we are transmitting the following additional information:

- 1) Attachment A: Report titled "HWC Installation Report for Amendment to the Facility Operating License" dated May 16, 1988.
- 2) Attachment B: Report titled "HWC Installation Compliance with Electric Power Research Institute (EPRI) Guidelines for Permanent BWR Hydrogen Water Chemistry Installation, September 1987 Revision."
- 3) Attachment C: Draft Copy of Proposed Changes to Updated FSAR as a Result of HWC Addition at Quad Cities Station.

Reference (b) provides NRR's review and approval of the EPRI Guidelines/Topical Report for the application of HWC at a Nuclear Power Plant. Attachment B describes how the Quad Cities HWC Program complies with the NRC approval EPRI Guidelines/Topical Report.

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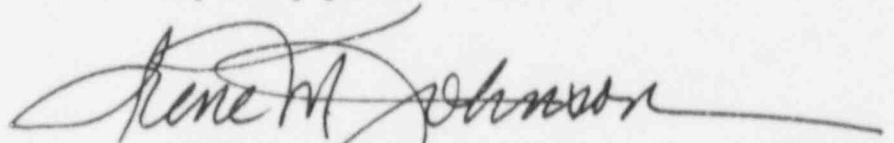
Attachment C provides a draft copy of proposed changes to the Updated FSAR which are being made as a result of the Hydrogen Addition Program. Specifically, changes are being made to three sections of the UFSAR as follows:

- (a) UFSAR Amendment for Subsection 7.6.2.6, "Main Steamline Radiation Monitoring Subsystem."
  - These changes reflect the Technical Specification increase in the Main Steamline Radiation Monitors setpoint
- (b) Proposed new UFSAR Section 10.17 entitled, "Hydrogen Water Chemistry System".
  - This new section describes the Hydrogen Water Chemistry System.
- (c) UFSAR amendment to Subsection 14.2.1, "Control Rod Drop".
  - These changes reflect the Technical Specification increase in the Main Steamline Radiation Monitors setpoint. However, these changes have received approval for the license amendment sought in Reference (a), i.e., the new setpoints.

The changes will be included in the June 30, 1989 Updated to the FSAR.

Please direct any questions you may have regarding this matter to this office.

Very truly yours,



I. M. Johnson  
Nuclear Licensing Administrator

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Attachments

cc: NRC Resident Inspector - Quad Cities  
M. C. Parker - IDNS  
T. Ross - NRR

5051K

ATTACHMENT A

HWC INSTALLATION REPORT FOR

AMENDMENT TO FACILITY OPERATING LICENSES

APRIL 21, 1988

ATTACHMENT 8

HWC INSTALLATION COMPLIANCE

WITH EPRI GUIDELINES DOCUMENT