



SVP-98-303

October 5, 1998

U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

Subject: Quad Cities Nuclear Power Station Units 1 and 2
**Status of Diagnostic Evaluation Team (DET)
Material Condition Improvements**
NRC Docket Numbers 50-254 and 50-265
Facility Operating License Numbers DPR-29 and DPR-30

Reference: (a) J. J. O' Conner (ComEd) letter to USNRC dated December 30, 1993,
"Commonwealth Edison Response to USNRC DET Report"

(b) E. S. Kraft (ComEd) letter, ESK-96-197, to USNRC dated
October 30, 1996, "Status of Diagnostic Evaluation (DET) Material
Condition Improvements"

(c) E. S. Kraft (ComEd) letter, ESK-97-156, to USNRC dated
August 8, 1997, "Status of Diagnostic Evaluation Team (DET)
Material Condition Improvements"

The purpose of this letter is to provide information on the status of material condition improvements described in References (a), (b), and (c).

Of the 94 improvements planned, 93 have been addressed. One remaining item is scheduled for completion and is being tracked by the station.

The following are the completed corrective actions since the previous update:

- Permanent repair to eliminate the furmanite clamp on the 2A Reactor Recirculation Pump flange.
- Installation of impeller cutwater modifications for the 1B, 1C and 2D Residual Heat Removal (RHR) Service Water pumps.

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- Overhaul of the 1A RHR pump, to improve flow capacity.
- Performed maintenance on RHR heat exchangers.
- Installation and upgrade of local indication on the Unit 2 and Shared Diesel Generators.
- Replaced copper tubing on the Unit 1, Unit 2 and Shared Diesel Generator air systems.

The following improvement item remains to be completed:

- Modification of the Unit 1 Reactor Feed Pump low suction trip logic. This is scheduled for completion during Q1R16.

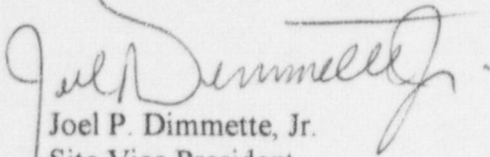
The following commitments were revised:

- Refurbishment of the 1C and 1D RHR pump motors. Four RHR motors that were refurbished were found in good condition. The 1C and 1D RHR motor performance is consistent with the motors that have been refurbished. Thus, the station will continue to monitor performance in accordance with the Maintenance Rule program. Therefore, this corrective action is complete.
- Replacement of the Electromatic Relief Valves (ERVs) on Unit 1. The installation of Power Operated Relief Valves on Unit 2 has not resulted in the level of performance expected. Since improved Maintenance procedures, enhancement of the Maintenance program and reduced challenges to the ERVs have been implemented performance has improved. The station does not intend to replace the ERVs on Unit 1. ERV performance will continue to be monitored with the Inservice Test and Maintenance Rule programs. Therefore, this corrective action is complete.
- Installation of upgraded local indication for the Unit 1 Diesel Generator. Installation of digital tachometer on the Shared Diesel Generator. These changes associated with the Diesel Generators, were intended as enhancements and not required by design or to fulfill technical specification requirements. The station will continue to monitor performance and maintain equipment in accordance with existing programs. Therefore, this corrective action is complete.

October 5, 1998

If you have any questions concerning this letter, please contact Mr. Charles Peterson, Regulatory Affairs Manager, at (309) 654-2241, extension 3609.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joel P. Dimmette, Jr.", written in dark ink.

Joel P. Dimmette, Jr.
Site Vice President
Quad Cities Station

cc: J. L. Caldwell, Acting Regional Administrator, Region III
C. G. Miller, Senior Resident Inspector, Quad Cities