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April 7, 2000

SVP-00-042

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Quad Cities Nuclear Power Station, Unit 1
Facility Operating License No. DPR-29
NRC Docket No. 50-254

Subject: Deferral of Weld Overlay Examinations

- Reference: (1) Letter from J.R. Strosnider (U.S.NRC) to C. Terry, Chairman Boiling Water Reactor Vessel Internals Project (BWRVIP), "Deferment of Inspections for Weld Overlays as Required by Generic Letter 88-01 (TAC No. MA5012)," dated June 17, 1999.
- (2) NRC Generic Letter 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," dated January 25, 1988.

The purpose of this letter is to inform the NRC that Quad Cities Nuclear Power Station, Unit 1, will be deferring the examination of thirty-three weld overlays. In accordance with Quad Cities Generic Letter (GL) 88-01 Program, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," these overlays would have been scheduled for examination during the next refueling outage scheduled for October 2000. These inspections are being deferred in accordance with Reference 1, which provides interim guidance pending approval of the Boiling Water Reactor Vessels and Internals Project (BWRVIP) EPRI Report TR-110172, "Technical Justification for the Extension of the Interval Between Inspections of Weld Overlay Repair."

Reference 1 grants deferral of inspections to those weld overlays that meet the criteria stated below.

1. The plant is operated in compliance with the EPRI water chemistry guidelines,
2. The overlay for which deferral is applied meets GL 88-01 or ASME Code Case N-504 (full structural overlay) as opposed to a temporary duty (leakage barrier) overlay, and

3. The overlays for which the deferral is applied must have been inspected at least two (2) times without IGSCC indications in the overlay. The two examinations include a baseline examination after overlay application and one examination that was completed after the overlay has been in service for at least one full fuel cycle.

Since October of 1984, when ComEd Corporate Procedure NOD-CY.2, "BWR Water Chemistry Control Program," was approved, Quad Cities Nuclear Power Station has been in compliance with EPRI's Water Chemistry Guidelines. NOD-CY.2 incorporates the EPRI Water Chemistry Guidelines for use at all ComEd BWR units. The actions taken for exceeding Action Level One for reactor coolant in NOD-CY.2 are more restrictive than those in the EPRI BWR Water Chemistry Guidelines.

A review of the thirty-three weld overlay repairs was performed to confirm that all designs meet the criteria in GL 88-01/NUREG-0313, Revision 2. All overlays at Quad Cities Nuclear Power Station, Unit 1, are "Full Structural Overlays."

The welds listed below have been inspected at least two (2) times without Intergranular Stress Corrosion Cracking (IGSCC) indications being identified in the overlay.

The inspection history cited in the BWR Owners' Group BWROG-99024 letter, "BWR Owners Group Program on Weld Overlay Inspection Relief, BWR Project Number 691," dated March 5, 1999, is accurate and up to date.

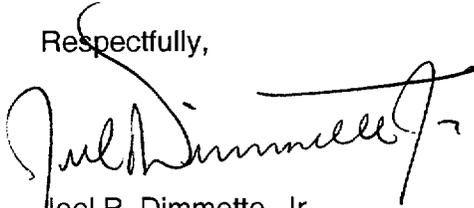
Weld Overlay Examinations being Deferred

02B-F1	02C-S4	02F-S4	02J-S3	02L-S4	14A-F2
02B-S10	02D-S3	02G-S3	02J-S4	02M-S3	14A-S8
02B-S7	02D-S4	02G-S4	02K-F6	02M-S4	14A-S9
02BS-S5	02E-S3	02H-S3	02K-S3	10BD-S13	14B-F2
02BS-S9	02E-S4	02H-S4	02K-S4	14A-F11	14B-S8
02C-S3	02F-S3	02J-F6			

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Should you have any questions concerning this letter, please contact Mr. C.C. Peterson
at (309) 654-2241, extension 3609.

Respectfully,

A handwritten signature in black ink, appearing to read "Joel P. Dimmette, Jr.", with a long horizontal flourish extending to the right.

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

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station