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January 31, 2001

SVP-01-009

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: Quad Cities Nuclear Power Station Plans to Inspect and/or Weld Overlay  
Repair Welds 02BS-F4, 02AS-S4, and 02AD-F12

Reference: Letter from S. N. Bailey (NRC) to O. D. Kingsley (ComEd), "Quad Cities, Unit 1  
Approval of Weld Overlay Repair Deferrals (TAC NO. MB0312)," dated  
November 7, 2000

The purpose of this letter is to provide additional information, as requested in above Reference, regarding plans at Quad Cities Nuclear Power Station to (1) reexamine and complete the weld overlay of the 02BS-F4 weld during the next refueling outage and (2) inspect and repair welds 02AS-S4 and 02AD-F12.

The weld overlay on the 02BS-F4 weld will be scheduled for completion during the next Unit 1 Refuel Outage (Q1R17), currently scheduled for Fall, 2002. The completed overlay will be inspected in accordance with the Quad Cities Nuclear Power Station Generic Letter (GL) 88-01, "NRC Position on Intergranular Stress Corrosion Cracking (IGSCC) in BWR Austenitic Stainless Steel Piping," program and re-categorized as a Category "E" weld for future inspections.

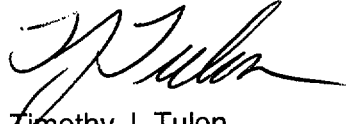
The 02AS-S4 and 02AD-F12 welds were inspected and evaluated during the most recent Unit 1 Refuel Outage (Q1R16) and found to be acceptable for operation until the next refueling. These two welds will be re-inspected with automated Ultrasonic (UT) using Performance Demonstrated Initiative (PDI)-qualified procedures and personnel during Q1R17 and evaluated. Should the results of the reinspections be acceptable with no flaws or indications of IGSCC, these welds will be re-categorized to Category "C". Unacceptable results will be evaluated at that time in accordance with the GL 88-01 program.

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

Respectfully,



Timothy J. Tulon  
Site Vice President  
Quad Cities Nuclear Power Station

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

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bcc: Project Manager – NRR  
Office of Nuclear Facility Safety, - IDNS  
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