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January 15, 2004
BW040002

10 CFR 50.54 (f)

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Braidwood Station, Unit 2
Facility Operating License No. NPF-77
NRC Docket No. STN 50-457

Subject: Braidwood Station Unit 2 Sixty Day Response to the Reporting Requirements of NRC Order EA-03-009, "Issuance of Order Establishing Interim Inspection Requirements for Reactor Pressure Vessel Heads at Pressurized Water Reactors"

- References:**
- 1) Letter from U. S. NRC, "Issuance of Order Establishing Interim Inspection Requirements for Reactor Pressure Vessel Heads at Pressurized Water Reactors," dated February 11, 2003 (NRC Order EA-03-009).
 - 2) Letter from J. D. von Suskil to U. S. NRC, "Braidwood Station Unit 2 Thirty-Day Response to NRC Bulletin 2002-01, "Reactor Pressure Vessel Head Degradation and Reactor Coolant Pressure Boundary Integrity," dated June 11, 2002.

In Reference 1 (i.e., NRC Order EA-03-009), the NRC established interim inspection requirements for reactor pressure vessel (RPV) heads at pressurized water reactors. A bare metal visual of 100% of the RPV head surface including 360 degrees around each RPV head penetration nozzle, equivalent to that required by Section IV, paragraph C (3) (a) of Reference 1, was performed in Braidwood Station, Unit 2 refueling outage nine (i.e., A2R09) in the Spring of 2002. The results of this examination were provided in the Reference 2 letter.

As required by Section IV, paragraph D of Reference 1, Braidwood Station Unit 2 recently performed visual examinations to identify potential boric acid leaks from pressure-retaining components above the RPV head.

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The inspection was performed during Braidwood Station, Unit 2 refueling outage ten (i.e., A2R10) that ended on November 19, 2003. A second inspection was again performed during the subsequent Unit 2 forced outage on December 3, 2003, as required by the Exelon Nuclear Boric Acid Corrosion Control Program. There was no evidence of boric acid deposits on the RPV head or related insulation identified during either inspection.

Since a leak or boron deposit was not found during these inspections, a report in accordance with Reference 1, Section IV, paragraph E, is not required to be submitted; however, the inspection results are being provided to assure thorough communications on NRC Order EA-03-009 actions.

Please direct any questions you may have regarding this submittal to Ms. Kelly Root, Regulatory Assurance Manager, at (815) 417-2800.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael J. Pacilio', written over a horizontal line.

Michael J. Pacilio
Site Vice President
Braidwood Station

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Braidwood Station