

Braidwood Generating Station
35100 S. Rt. 53 Suite 84
Braceville, IL 60407

November 9, 2000
BW000111

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

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

Subject: Eighth Refuel Outage
Steam Generator Tube Inspection Report

In accordance with Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Reports," Commonwealth Edison (ComEd) Company is reporting the number of tubes plugged or repaired during the SG tube inspection activities conducted during the Braidwood Station Unit 2 eighth refuel outage (i.e., A2R08). Technical Specification 5.6.9.a requires that following each inspection of the SG tubes, the number of tubes plugged or repaired in each SG shall be reported to the NRC within 15 days. Therefore, we are providing this report by November 12, 2000. The purpose of this letter is to provide the requisite SG Tube Inspection Report for Braidwood Station Unit 2 refueling outage.

During A2R08 refueling outage, which began October 21, 2000, eddy current inspection of the SG tubes were conducted. Scope of the inspection included 100% full-length bobbin coil inspection of all four SGs. Plus Point inspection was conducted on any bobbin coil indications classified as requiring additional diagnostic testing. The following inspections were performed.

- 100% Full Length Bobbin
- 50% Row 1 and 2 U-Bends (Plus Point Probe)
- 50% Hot Leg Top of Tubesheet (Plus Point Probe)
- 50% of Hot Leg Dents and Dings > 5.0 Volts (Plus Point Probe)
- 20% Preheater Expansions in the 2A and 2D SGs (Plus Point Probe)

The SG tube inspections were completed on October 28, 2000. No tube sleeving was performed this outage. The Braidwood Station Unit 2 SG Tube Plugging Summary summarizes the inspection results during A2R08 refueling outage and number of tubes removed from service to date by tube plugging.

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BRAIDWOOD STATION UNIT 2
STEAM GENERATOR
TUBE PLUGGING SUMMARY

	SG A	SG B	SG C	SG D	Total
Previously Plugged	35	8	43	23	109
Plugged During A2R08	8	1	1	1	11
Total	43	9	44	24	120

Please direct any questions regarding this submittal to Mr. T.W. Simpkin, Braidwood
Regulatory Assurance Manager, (815) 458-2801 ext.2980.

Sincerely,



Timothy J. Tulon
Site Vice President
Braidwood Station

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspection – Braidwood Station
Office of Nuclear Facility Safety – Illinois Department of Nuclear Safety