

Exelon Generation Company, LLC
Braidwood Station
35100 South Rt 53, Suite 84
Braceville, IL 60407-9619
Tel. 815-458-2801

www.exeloncorp.com

May 10, 2002
BW020044

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

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

Subject: Ninth Refuel Outage
Steam Generator Inservice Inspection Report

In accordance with Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Reports," Exelon Generation Company, LLC is reporting the number of tubes plugged or repaired during the SG tube inservice inspection activities conducted during the Braidwood Station Unit 2 ninth refueling outage (i.e., A2R09). Technical Specification 5.6.9.a requires that following each inservice 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 May 10, 2002. The purpose of this letter is to provide the requisite SG Tube Inspection Report for Braidwood Station Unit 2 Refueling Outage Inspections.

During the A2R09 refueling outage that began April 20, 2002, eddy current inspection of the SG tubes was conducted. The scope of the inspection included 100% full-length bobbin coil inspection of the 2A SG. Plus Point inspection was conducted on any bobbin coil indications classified as requiring additional diagnostic testing.

The SG tube inspections were completed on April 25, 2002. No tube sleeving was performed this outage. The Braidwood Unit 2 Steam Generator Tube Plugging Summary summarizes the inspection results during the A2R09 refueling outage and number of tubes removed from service to date by tube plugging.

A047

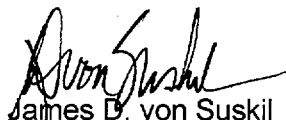
BRAIDWOOD UNIT 2
STEAM GENERATOR
TUBE PLUGGING SUMMARY

	SG A	SG B	SG C	SG D	Total
Previously Plugged	43	9	44	24	120
Plugged During A2R09	2	0*	0*	0*	2
Total	45	9	44	24	122

*NOTE: Steam generator eddy current inspections were not performed in SG B, SG C, SG D during A2R09

If you have any questions regarding this matter, please contact Ms. Amy Ferko, Braidwood Regulatory Assurance Manager, at (815) 417-2699.

Sincerely,



James D. von Suskil
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

bcc: Project Manager, NRR – Braidwood Station
Nicholas Reynolds – Winston & Strawn
Site Vice President – Braidwood Station
Regulatory Assurance Manager – Braidwood
Director, Licensing – Mid-West Regional Operating Group
Manager, Licensing and Compliance – Braidwood and Byron Stations
Nuclear Licensing Administrator – Braidwood
Exelon Document Control Desk Licensing (Hard Copy)
Exelon Document Control Desk Licensing (Electronic Copy)