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Exelon Nuclear

May 7, 2003
Bw030042

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

Braidwood Station, Unit 1
Facility Operating License No. NPF 72
NRC Docket No. STN 50-456

Subject: Tenth Refuel Outage
Steam Generator In-Service 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 in-service inspection activities conducted during the Braidwood Station Unit 1 tenth refueling outage (i.e., A1R10). Technical Specification 5.6.9.a requires that following each in-service 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 9, 2003. The purpose of this letter is to provide the requisite SG Tube Inspection Report for Braidwood Station Unit 1 Refueling Outage Inspections.

During A1R10 refueling outage, which began April 15, 2003, eddy current inspection of the SG tubes was conducted. Scope of the inspection included 100% full-length bobbin coil inspection of the 1A SG, and 54% full-length bobbin coil inspection of the 1B, 1C and 1D SGs. Plus Point inspection was conducted on any bobbin coil indications classified as requiring additional diagnostic testing.

The SG tube inspections were completed on April 24, 2003. No tube sleeving was performed this outage. The Braidwood Unit 1 Steam Generator Tube Plugging Summary summarizes the inspection results during A1R10 and number of tubes removed from service to date by tube plugging.

A047

BRAIDWOOD UNIT 1
STEAM GENERATOR
TUBE PLUGGING SUMMARY

	SG A	SG B	SG C	SG D	Total
Previously Plugged	2	2	0	0	4
Plugged During A1R10	8	10	3	0	21
Total	10	12	3	0	25

Please direct any questions regarding this submittal to Kelly Root, Braidwood Regulatory Assurance Manager, (815) 417-2800.

Sincerely,

James D. von Suskil
Site Vice President
Braidwood Station

ES/vk
cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspection – Braidwood station
Office of Nuclear Facility Safety – Illinois Department of Nuclear Safety