

Exelon Generation Company, LLC      www.exeloncorp.com  
Byron Station  
4450 North German Church Road  
Byron, IL 61010-9794

April 23, 2001

LTR: BYRON 2001-0065  
File: 3.11.0530

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Byron Station, Unit 2  
Facility Operating License No. NPF-66  
NRC Docket No. STN 50-455

Subject: Steam Generator Tube Repairs Performed During the Byron Station Unit 2,  
Cycle 9 Refueling Outage

Pursuant to Item a. of Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Reports," we are reporting the number of SG tubes plugged or repaired during the Byron Station Unit 2, Cycle 9 Refueling Outage (B2R09).

A 100% full length eddy current inspection was performed on SG 2B. No inspections were performed on SGs A, C and D.

Based upon the results of this inspection, SG 2B was classified as inspection category C-1 in accordance with Technical Specification 5.5.9.c, "Inspection Results Classification." A total of four tubes were plugged in SG B during the Byron Station Unit 2 Cycle 9 Refueling Outage. The tube plugging distribution in the steam generators is summarized in the table below.

Steam Generator	Tubes Plugged this Outage (B2R09)	Tubes Plugged Previously	Total Tubes Plugged*
2A	0	50	50
2B	4	109	113
2C	0	41	41
2D	0	19	19
Total	4	219	223

\* Each SG contains 4570 tubes

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If there are any questions regarding this information, please contact P. Reister, Regulatory Assurance Manager, at (815) 234-5441, extension 2280.

Respectfully,

A handwritten signature in black ink, appearing to read "Richard P. Lopriore". The signature is fluid and cursive, with the first name being the most prominent.

Richard P. Lopriore  
Site Vice President  
Byron Nuclear Generating Station

RPL/JS/GS/rf/dpk

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – Byron Station  
NRC Project Manager – NRR – Byron Station  
Office of Nuclear Facility Safety – IDNS