

Commonwealth Edison Company
Byron Generating Station
4450 North German Church Road
Byron, IL 61010-9794
Tel 815-234-5441



October 6, 2000

LTR: BYRON 2000-0151
File: 3.11.0530

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

Byron Station, Unit 1
Facility Operating License No. NPF-37
NRC Docket No. STN 50-454

Subject: Steam Generator Tube Repairs Resulting from Byron Station Unit 1,
Cycle 10 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 Byron Station Unit 1, Cycle 10 Refueling Outage.

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

Based upon the results of this inspection, SG A was classified as inspection category C-1 pursuant to Technical Specification 5.5.9.c, "Inspection Results Classification." No tubes were repaired or plugged during the current Byron Station Unit 1 Cycle 10 Refueling Outage. The tube plugging distribution between steam generators is summarized in the table below.

Steam Generator	Tubes Plugged this Outage (B1R10)	Tubes Plugged Previously	Total Tubes Plugged*
1A	0	0	0
1B	0	0	0
1C	0	1	1
1D	0	0	0
Totals	0	1	1

* Each SG contains 6633 tubes.

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

Respectfully,

A handwritten signature in black ink, appearing to read 'W Levis', with a stylized flourish at the end.

William Levis
Site Vice President
Byron Station

WL/RAC/dpk

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