

Commonwealth Edison Company
Byron Generating Station
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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

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

SUBJECT: Steam Generator Inservice Inspection Summary Report

In accordance with item b. of Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Reports," we are submitting the results for the SG tube inspections performed during the Byron Station, Unit 1, Cycle 9 refueling outage (i.e., B1R09) within 12 months following completion of the inspections. The report of the results includes the number and extent of the SG tubes inspected. SG tube eddy current inspections were performed in April 1999 at Byron Station, Unit 1. During the inspections, no indication of SG tube degradation or imperfection was found. As a result, no SG tubes were plugged or repaired. This report is also being submitted in accordance with Article IWA-600U, "Records and Reports," and Appendix IV, "Eddy Current Examination of Nonferromagnetic Steam Generator Heat Exchanger Tubing," of Section XI of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, 1989 Edition, and Section IV of NEI 97-06, "Steam Generator Program Guidelines."

If you have any questions concerning this correspondence, please contact Mr. B.J. Adams, Regulatory Assurance Manager, at (815) 234-5441, extension 2280.

Sincerely,

William Levis
Site Vice President
Byron Station

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Attachment: Steam Generator Eddy Current Inspection Report
Cycle 9 Refueling Outage (B1R09)

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