

September 30, 1996

ComEd

Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Attention: Document Control Desk

Subject: Byron Station Unit 1
NRC Docket Number: 50-454

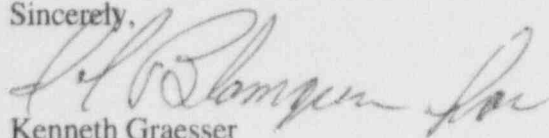
Byron Unit 1 1996 Circumferential
Indication Summary Report

Reference: K.L. Graesser (ComEd) to NRR (Document Control Desk),
dated June 27, 1996

This purpose of this report is to document the technical basis and conclusions of the Byron Unit 1 top-of-the-tube (TTS) circumferential indication cycle length assessment. The information included in this report was presented to the NRC on June 20, 1996. This report documents the technical basis for full cycle operation of Byron Unit 1 for a period equivalent to the previous operating cycle of 448.5 days above 500°F (Reference).

If you have any questions concerning this correspondence, please contact Marcia Lesniak, Byron Licensing Administrator at (630)663-6484.

Sincerely,



Kenneth Graesser
Site Vice President
Byron Station

Attachment

cc: D. Lynch, Senior Project Manager - NRR
G. Dick, Byron Project Manager - NRR
S. Burgess, Senior Resident Inspector - Byron
A.B. Beach, Regional Administrator - RIII
Office of Nuclear Safety - IDNS

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