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Byron Generating Station
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ComEd

May 15, 1997

LTR: BYRON-97-0114
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U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Byron Station Locked Tube Full Cycle Operability Assessment

Byron Nuclear Power Station Unit 1
NRC Docket Number: 50-454

Reference: April 30, 1997 Meeting between ComEd and NRR concerning the results of the Braidwood Unit 1 steam generator locked tube inspections

In the referenced meeting, ComEd committed to provide an operability assessment for full cycle operation of Byron Unit 1 to address the results of the Braidwood Unit 1 steam generator locked tube inspections. The operability assessment is attached. In this document, ComEd presents justification for continued operation of Byron Unit 1 until the steam generator replacement outage, scheduled to begin no later than mid-December 1997. In addition, this document provides a preliminary discussion of leakage due to application of Interim Plugging Criteria (IPC) considering the as-found versus predicted leakage values obtained at Braidwood Unit 1.

Please address any comments or questions regarding this request to Denise Saccomando, Nuclear Licensing Administrator, at (708) 663-7283.

Sincerely,

DB Wozniak

D. B. Wozniak
Site Engineering Manager
Byron Nuclear Power Station

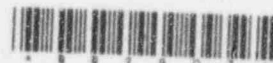
DBW/LL/rp

Attachment

cc: G. Dick, Byron Project Manager-NRR
A.B. Beach, Regional Administrator-RIII
S. Burgess, Senior Resident Inspector-Byron
210015 Office of Nuclear Safety-IDNS

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