



Commonwealth Edison
Braidwood Nuclear Power Station
Route #1, Box 84
Braceville, Illinois 60407
Telephone 815/458-2801

September 16, 1994
SVP/94-043

Mr. William Russell, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

Subject: Braidwood Station Unit 1
Facility Operating License NPF-72
Response to Braidwood Unit 1 Safety Evaluation for
Interim Plugging Criteria
NRC Docket No. 50-456

Reference: 1. R. Assa letter to D. Farrar transmitting
Safety Evaluation for Braidwood Unit 1
Interim Plugging Criteria dated
August 18, 1994

2. D. Saccomando letter to W. Russell requesting
an Emergency Technical Specification
Amendment for Braidwood Unit 1 regarding
Interim Plugging Criteria (IPC) dated
April 25, 1994

Dear Mr. Russell:

Reference 1 transmitted the Nuclear Regulatory Commission (NRC) Safety Evaluation Report (SER) regarding use of an Interim Plugging Criteria (IPC) for Braidwood Unit 1 steam generators (SGs) during Cycle 5. The SER requested that Commonwealth Edison Company (ComEd) provide written confirmation within 30 days that ComEd would initiate a mid-cycle inspection of the Braidwood Unit 1 SGs, no later than March 1, 1995.

As stated in our previous correspondence, ComEd believes that Braidwood Unit 1 could be safely operated until the end of Cycle 5. ComEd continues to believe that the tube support plate limited displacement analyses and the use of a Braidwood/Byron specific probability of detection (POD) versus voltage correlation (under development) justify full cycle operation.

ADD 1/0

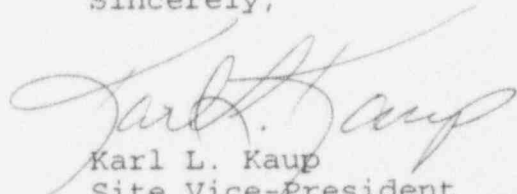
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ComEd would like the opportunity to continue to discuss these, and other, issues with the NRC. However, ComEd understands that if resolution of the issues cannot be reached, a mid-cycle inspection of the Braidwood Unit 1 SGs will be initiated on or before March 1, 1995.

This mid-cycle inspection of the Braidwood Unit 1 SGs will be performed in accordance with the Technical Specifications. Additionally, ComEd will submit the inspection plans for assessing the Braidwood Unit 1 mid-cycle inspection data at least 60 days before the planned shutdown.

Please address any comments or questions regarding this matter to this office.

Sincerely,



Karl L. Kaup
Site Vice-President
Braidwood Nuclear Station

cc: R. Assa, Braidwood Project Manager-NRR
S. Dupont, Senior Resident Inspector-Braidwood
J. Martin, Regional Administrator-Region III
Office of Nuclear Facility Safety-IDNS