



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

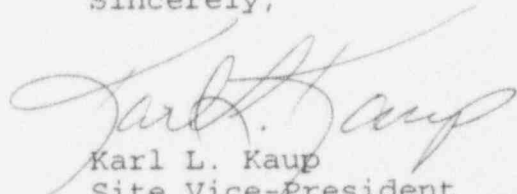
September 16, 1994

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,

A handwritten signature in cursive script, appearing to read 'Karl L. Kaup', is written over the typed name.

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