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April 30, 1980

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Byron Station Units 1 and 2
Braidwood Station Units 1 and 2
Transmittal of Confirmatory Piping
Analysis Information
NRC Docket Nos. 50-454, 50-455, 50-456,
and 50-457

Reference (a): February 4, 1980 letter from L. S. Rubenstein
to D. Louis Peoples

Dear Mr. Denton:

Per Reference (a), the NRC Staff requested Commonwealth Edison Company to provide sufficient information to allow Argonne National Laboratory to perform a confirmatory piping analysis for Byron and Braidwood Stations. In response to this request, the following information is provided:

1. Piping Layout and Analytical Drawings
2. Support Drawings
3. Response Spectra
4. Feedwater Nozzle Response Spectra
5. Hydraulic Forcing Function
6. Anchor Point Movements

No valve drawings have been included since the section of piping selected for analysis does not contain any valves.

The formal analysis of feedwater line 1FW03DC-16" was just recently completed as well as the design of some additional supports. These supports are indicated on the analytical drawing, but the individual supports have not been designed at this time. These drawings will be forwarded at a later date as they become available. Also, at this time, the piping design specification only

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SEND DINGS TO:
PM (3)
TERA (Return to Files after
C. Brown)

Commonwealth Edison

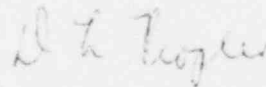
Mr. Harold R. Denton, Director
April 30, 1980
Page 2

exists in preliminary form. This document will also be forwarded when available. Although not complete, Commonwealth Edison believes the information provided herein is sufficient for Argonne to commence with their analysis.

Please address any additional questions that you might have concerning this matter to this office.

As requested in Reference (a), two copies of this information are being forwarded to Argonne and four additional copies to the NRC Staff. A portion of this information will be transmitted under separate cover.

Very truly yours,



D. L. Peoples
Director of
Nuclear Licensing

DLP:WFN:rap

enclosure

cc: Ira Charak, ANL (2 w/encl.)

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