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May 8, 1985

Lawrence Brenner, Esq., Chairman
Administrative Law Judge
Atomic Safety and Licensing
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U.S. Nuclear Regulatory
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Dr. Richard F. Cole
Administrative Law Judge
Atomic Safety and Licensing
Board
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

Dr. A. Dixon Callihan
Administrative Law Judge
102 Oak Lane
Oak Ridge, TN 37830

Re: In the Matter of Commonwealth Edison Company
(Braidwood Nuclear Power Station, Units 1 and 2
Docket Nos. 50-456 and 50-457) α

Gentlemen:

I am enclosing a summary of a telephone conference call held yesterday with respect to the proposed construction of the 765 kV transmission lines in connection with the Braidwood Station. Although I believe the summary to be accurate, I must reserve the Staff's right to disagree since they have not had a prior opportunity to review the document.

As indicated in the summary, the questions discussed during the conference will be set forth in Staff interrogatories which will be filed shortly on the Applicant. Copies of the answers will be provided to all parties and the Licensing Board.

Sincerely,

Joseph Gallo

Joseph Gallo
One of the Attorneys for
Commonwealth Edison Company

JG/mg

cc: Service List

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M E M O R A N D U M

TO: Braidwood File

FROM: *Joseph* Gallo

DATE: May 8, 1985

Re: NRC Staff-Commonwealth Edison Company Telephone
Conference Regarding 765 kV Lines

A telephone conference call was held the morning of May 7 among members of the NRC Staff and representatives of Commonwealth Edison Company. Participants in the call were: David Smith, Charles McDonough, William Fern and A.D. Miosi of Commonwealth Edison Company; Joseph Gallo, Rebecca Lauer and Victor Copeland of Isham, Lincoln and Beale; and Elaine Chan, Janice Stevens, Robert Samworth, Edwin Pentecost and Gerry LaRoche of the NRC Staff. The call was requested by the NRC Staff in order obtain information regarding the proposed construction of 765 kV lines in connection with the Braidwood OL application. The following matters were discussed.

1. The Staff requested a drawing of the 765 kV transmission line right-of-way and its spacial relationship to residences, and in particular, houses located within 600 feet of the transmission line right of way. Edison personnel responded that such a drawing would be provided. The staff also requested advice concerning the location of the 765 kV lines in relation to the Neiner's property. It was stated that the centerline of the 765 kV transmission line corridor would pass about 260 feet from the Neiner's residence. This information was to be confirmed and reflected in the drawing requested by the Staff. The Staff also requested an update on the Company's plans for the construction of the 765 kV lines. Gallo stated that the Board had ordered Edison to provide that information by affidavit and that counsel and Edison were meeting on Thursday of this week to firm up this matter. The information will then be shared with all concerned.

2. The Staff asked whether or not the design of the 765 kV lines was completed. Edison responded that although it had designed and installed 765 kV lines at other locations in its service area, the design for the lines in question had not been completed. This was due to the fact that installation of the transmission lines is presently planned for some time in the future and the design would be finalized at that time in order to take advantage of the latest information relevant to the design of the lines.

3. The Staff requested information concerning whether or not Edison had obtained all necessary approvals from the Illinois Commerce Commission. The Staff was also interested in whether or not the Illinois Commerce Commission considered the health effects issue when it considered an application for 765 kV lines. Edison stated that it had not acquired all required approvals from the ICC, and that it was uncertain as to the nature of the inquiry, if any, conducted by the ICC into the health effects issue. Gallo stated that an authoritative answer to both questions would be provided.

4. The Staff questioned whether the 765 kV transmission line issue was properly before it since it was the view of some from Edison that the lines were not being constructed as a result of the construction and operation of Braidwood. Gallo stated that he assumed that the matter was placed before the NRC by Edison as a result of the precedent set in the Greenwood case. No conclusions were reached during the discussion. Counsel for Edison and the NRC Staff will review this matter further.

5. The Staff inquired with respect to the design criteria used in establishing the width of the 765 kV right-of-way. This information will also be provided; however, it was stated that the width of the right-of-way is established by criteria specifying minimum acceptable levels for noise and the strength of the electric field generated by the transmission lines.

The call was concluded by the Staff counsel indicating that the questions raised during the call would be reduced to writing and filed as formal interrogatories. Gallo stated that answers would be provided ASAP.