

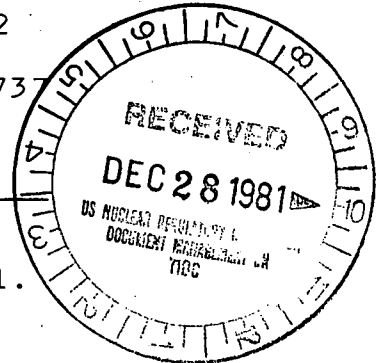


Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

December 17, 1981

Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
Zion Station Units 1 and 2
Supplemental Response to NUREG 0737
Item III.D.3.4
NRC Docket Nos. 50-237/249,
50-254/265 and 50-295/304



Reference (a): L. O. DelGeorge letter to D. G.
Eisenhut dated September 1, 1981.

Dear Mr. Eisenhut:

Reference (a) transmitted the control room habitability studies required by NUREG 0737 Item III.D.3.4 for our Dresden, Quad Cities and Zion Stations. However, we indicated that the Dresden and Quad Cities studies were partially complete because the toxic chemical surveys had not yet been performed. Additionally, the final Zion study indicated that the evaluation of hazardous chemicals transported within one mile of the station on the Chicago and Northwestern (C&NW) railroad tracks was pending a response from the C&NW Transportation Company.

The toxic chemical surveys have now been completed. Enclosed for your use are seven (7) copies each of the Dresden and Quad Cities Stations final Control Room Habitability Reports.

In order to complete the Zion Station study, discussions were held with the C&NW Transportation Company to determine the type, amount and frequency of hazardous chemical shipments handled on their tracks that pass within one mile of the station. The C&NW Transportation Company indicated that the train "consists" which detail the contents of such rail shipments are retained for only seven (7) days and that the indepth "data base" required to complete our survey of off-site toxic chemicals is not available.

However, the C&NW Transportation Company verbally provided some generalized statements regarding their operations as follows:

1. The railroad tracks which are within one mile of the Zion Station are primarily used for local freight service and commuter trains.

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2. There are no chemical manufacturers whose shipments either originate or end on the line.
3. C&NW Transportation Company has standard detour agreements with other carriers which could potentially allow hazardous chemicals on the line which passes by the Zion Station. (Commonwealth Edison believes that such detours are infrequent if not a rare occurrence.)
4. Less than two percent of the C&NW Transportation Company traffic on their main lines are considered hazardous materials.
5. The principle hazardous materials handled by C&NW Transportation Company are anhydrous ammonia and liquid petroleum (LP) gas.
6. Anhydrous ammonia and liquid petroleum (LP) gas shipments are seasonal and irregular.

Based on the above statements made by the C&NW Transportation Company, the Commonwealth Edison Company has concluded that the railroad track passing within one mile of our Zion Station does not present a major threat to the Zion Station control room habitability.

In our judgement, this letter along with the enclosure completes the NUREG 0737 Item III.D.3.4 control room habitability study requirement for our Dresden, Quad Cities and Zion Stations. In accordance with the implementation requirements of NUREG 0737 for this item, we are proceeding with the modifications that we have identified as being necessary in the final studies. We indicated in past correspondence that any necessary modifications would be completed by January 1, 1984. While efforts will be made to improve upon this schedule where possible, it currently appears that our January 1, 1984 completion date is realistic due to the required equipment procurement times involved.

However, as previously stated in Reference (a), we understand that since the TMI-2 accident, iodine source terms have come under close scrutiny and that the NRC is presently re-examining the appropriateness of the source term assumptions. The Commonwealth Edison Company reserves the right to reconsider its commitments made regarding this item, should the presently used overly conservative assumptions about iodine source terms be relaxed by the NRC. Should any commitment changes become desirable, the Commonwealth Edison Company will promptly notify the NRC.

Please address any further questions that you may have concerning this matter to this office.

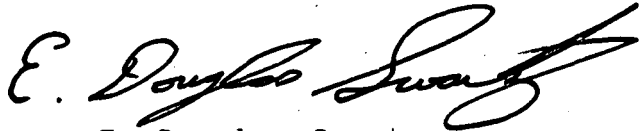
D. G. Eisenhut

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December 17, 1981

One (1) signed original and seventy-nine (79) copies of this letter are provided for your use. Due to the voluminous nature of the enclosed reports, only seven (7) copies of these documents are being provided.

Very truly yours,



E. Douglas Swartz
Nuclear Licensing Administrator

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Attachment

cc: J. G. Keppler - Director RIII
Region III Inspector - Zion
Region III Inspector - Quad Cities
Region III Inspector - Dresden

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