



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60633

May 22, 1980

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

Subject: Zion Station Units 1 and 2
Additional Information on Environmental
Qualification of Electrical Equipment
NRC Docket Nos. 50-295 and 50-304

References (a): March 20, 1980 letter from A. Schwencer to D. L. Peoples

(b): May 9, 1980 letter from D. L. Peoples to A. Schwencer

Dear Mr. Denton:

In Reference (a), the NRC Staff requested Commonwealth Edison Company to provide the Staff with data necessary for the Staff calculation of containment environmental parameters. Reference (b) contained Commonwealth Edison Company's response to that request.

However, in reviewing the information provided in Reference (b), Commonwealth Edison omitted the following information. The information presented as Attachment 1 to Reference (b) was based upon the most current LOCA analysis (for containment integrity) on the Zion docket. That analysis was submitted in March, 1973 as Amendment 26 to the Zion FSAR. With regard to Reference (a), the information presented in Attachment 1 of Reference (b) differs from that requested by the NRC Staff in the following manner:

- Item I.D.2. The Zion analysis is based upon a design maximum actuation time and, therefore, the individual components were not identified;
- Item I.D.3. The Zion design does not incorporate a spray heat exchanger;
- Item I.E.1. Similar to Item I.D.2.; and
- Item I.E.2. A curve of heat removal capability is provided as a function of pressure since one does not exist as a function of temperature.

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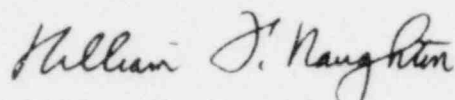
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Please address any questions that you might have concerning this matter to this office.

One (1) signed original and thirty-nine (39) copies of this letter are provided for your use.

Very truly yours,



William F. Naughton
Nuclear Licensing Administrator
Pressurized Water Reactors

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