



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

August 14, 1980

Docket Nos. 50-295  
and 50-304

Mr. D. Louis Peoples  
Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690

Dear Mr. Peoples:

We are continuing our long term review of the generic issue on containment purging and venting for Zion Station. In your letter of December 14, 1979, in response to our October 23, 1979 request for your commitment to the "Interim Position" you provided your commitment.

We confirmed your commitment by Item B.4 of Appendix A to Confirmatory Order dated February 29, 1980. It should be clear to you that our understanding is that the commitment remain effective pending completion of our long term review of this generic issue. At that time a Safety Evaluation and appropriate Technical Specifications will be issued.

To continue with the electrical override review, we need additional information as shown in the enclosure. You are requested to provide the additional information within 45 days of receipt of this letter.

Sincerely,

A handwritten signature in dark ink, appearing to read "T. M. Novak".

Thomas M. Novak, Assistant Director  
for Operating Reactors  
Division of Licensing

Enclosure:  
Request for Additional  
Information

cc: w/enclosure  
See next page

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Mr. D. Louis Peoples  
Commonwealth Edison Company

- 2 -

August 14, 1980

cc: Robert J. Vollen, Esquire  
109 North Dearborn Street  
Chicago, Illinois 60602

Dr. Cecil Lue-Hing  
Director of Research and Development  
Metropolitan Sanitary District  
of Greater Chicago  
100 East Erie Street  
Chicago, Illinois 60611

Zion-Benton Public Library District  
2600 Emmaus Avenue  
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Mr. Phillip P. Steptoe  
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Assistant Attorney General  
Environmental Control Division  
188 West Randolph Street, Suite 2315  
Chicago, Illinois 60601

U. S. Nuclear Regulatory Commission  
Resident Inspectors Office  
105 Shiloh Blvd.  
Zion, Illinois 60099

ZION UNITS 1 AND 2REQUEST FOR ADDITIONAL INFORMATIONBYPASS AND RESET OF  
ENGINEERED SAFETY FEATURES

1. For the CVI system, describe the extent to which the input instrumentation channels (including sensors), logic, etc. have been qualified to withstand the environmental and seismic conditions that could be expected to exist at the point of installation during postulated accidents.
2. For the Control Room Isolation system, describe the extent to which the input instrumentation channels (including sensors), logic, etc. have been qualified to withstand the environmental and seismic conditions that could be expected to exist at the point of installation during postulation accidents.
3. Referring to drawing M-536-A do valves 1A0V-RV0001, 1A0V-RV0002, 1A0V-RV0003 and 1A0V-RV0004 require air-to-open or require air-to-close?
4. Referring to drawing 22E-1-4840, pages RV-43 and RV-44, provide the following:
  - a. Describe the conditions under which contacts RS9 17-2 and RS9 18-1 are actuated.
  - b. Drawing for switch CS-2 development (22E-1-4840 P. RV96).
  - c. Describe the function of valves 1SV-PP36A and 1SV-PP36B.
5. Referring to drawing 22E-1-4840, pages RV-45 and RV-46, describe the conditions under which contacts RCV 17-1 and RCV 18-1 are actuated.
6. Referring to drawing 22E-1-4840, pages RV-49 and RV-50, provide the following:
  - a. P&I drawing showing the use of Heating Water and Purge System isolation valves RV113 and 1FCV-RV-114.
  - b. Describe the conditions under which contacts RS4A 17-2 and RS4A 18-1 are actuated.

7. Provide electrical schematics showing the actuating mechanisms and any bypass, test and reset switches associated with contacts CRI/TR1, shown on drawing 22E-0-4840, page PV15.
8. Provide three copies of each of the following drawings:
  - a. 22E-1-4840, page RP38
  - b. 22E-1-4840, page RP40
  - c. 22E-1-4840, page RP45
9. Provide operating instructions and development drawing for control switch (instrument numbers OHS-PV07 and OHS-PV08).