



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

*Jera*

August 29, 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:

SUBJECT: Environmental Qualification of Electrical Equipment

This letter transmits an Order which requires information to support the environmental qualification of safety related electrical equipment at Zion Station, Unit Nos. 1 and 2.

The Commission's Memorandum and Order of May 23, 1980 addresses safety related electrical equipment exposed to a harsh environment, inside or outside containment, resulting from an accident. The Order requires that all such equipment in operating reactors be fully qualified by June 30, 1982.

To complete this objective, you are required to submit, by November 1, 1980, all information to support a safety evaluation of the aforementioned equipment. If your facility had an established commitment date before November 1, 1980, it is fully expected that your submittal will be not later than that commitment date. If your facility's commitment date is past without a complete submittal, it is strongly recommended that actions be expedited since they have already impacted the staff review schedule.

Briefings were held with all interested licensees during the week of July 17, 1980. Enforcement actions relative to this Order were discussed during these briefings.

Sincerely,

*for Joseph D. Neighloes*  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Enclosure: Order

cc: See next page

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Mr. D. Louis Peoples  
Commonwealth Edison Company

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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  
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Mayor of Zion  
Zion, Illinois 60099

Department of Public Health  
ATTN: Chief, Division of Nuclear Safety  
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Springfield, Illinois 62761

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

Director, Technical Assessment Division  
Office of Radiation Programs (AW-459)  
U. S. Environmental Protection Agency  
Crystal Mall #2  
Arlington, Virginia 20460

U. S. Environmental Protection Agency  
Federal Activities Building  
Region V Office  
ATTN: EIS COORDINATOR  
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Chicago, Illinois 60604