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

April 28, 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:

The Commission has issued the enclosed Amendment No. 54 to Facility Operating License No. DPR-39 and Amendment No. 51 to Facility Operating License No. DPR-48 for the Zion Station, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated September 2, 1977, supplemented by letters dated February 26 and September 26, 1979, and applications dated September 28 and November 7, 1979.

These amendments add Technical Specifications for the Overpressure Mitigating System, approve the system as the long-term solution to the generic issue, add a license condition requiring a secondary water chemistry monitoring program, and revise Zion Unit No. 2 Technical Specifications for rod insertion limits. Minor changes that have been made to your proposals have been discussed with and agreed to by your staff. Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosures:

1. Amendment No. 54 to DPR-39
2. Amendment No. 51 to DPR-48
3. Safety Evaluation
4. Notice of Issuance

cc: w/enclosures
See next page

Mr. D. Louis Peoples
Commonwealth Edison Company

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April 28, 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
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Zion-Benton Public Library District
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Mr. W. Bruce Dunbar
Mayor of Zion
Zion, Illinois 60099

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

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
Post Office Box 288
Deerfield, Illinois 60015

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
230 South Dearborn Street
Chicago, Illinois 60604