

DEC - 4 1992

Docket No. 50-295  
Docket No. 50-304

Commonwealth Edison Company  
ATTN: Mr. Cordell Reed  
Senior Vice President  
Licensing Department - Suite 300  
Opus West III  
1400 Opus Place  
Downers Grove, IL 60515

Dear Mr. Reed:

This refers to the routine safety inspection conducted by R. E. Lerch, K. Salehi, K. Shembarger, and W. Gleaves of this office on October 5 - 29, 1992. The inspection included a review of activities authorized for your Zion Station Units 1 and 2. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed report.

The inspection focused on engineering and technical support for station activities. The specific areas examined are identified in the report. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

Management actions to increase the involvement of engineering organizations in plant activities was effective. An example is the corporate engineering effort for snubber reduction. Engineering products were typically thorough and correct. Our inspection, however, found some areas where your performance was lacking. In these areas, certain of your activities, appeared to be in violation of NRC requirements as specified in the enclosed Notice of Violation (Notice). The first violation is of concern because the engineering evaluations for a temporary alteration to the safety injection system failed to evaluate the potential for leakage to create a significant water hammer. An evaluation by the corporate engineering staff also failed to recognize this issue. Other temporary alterations reviewed had evaluation weaknesses to a lesser extent. The second violation involved an interlock between emergency core cooling system valves not being tested after maintenance was performed. A maintenance activity unintentionally disabled the interlock. Upon discovery by the licensee, the deviation report (DVR) failed to identify inadequate post-maintenance testing as a contributing cause.

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You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. After reviewing your response to this Notice, including your proposed corrective actions, and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosed inspection report, and your response(s) to this letter will be placed in the NRC Public Document Room.

The responses directed by this letter is not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

ORIGINAL SIGNED BY HUBERT J. MILLER  
H. J. Miller, Director  
Division of Reactor Safety

Enclosures:

1. Notice of Violation
2. Inspection Reports
  - No. 50-295/92023(DRS);
  - No. 50-304/92023(DRS)

See Attached Distribution

<i>yes</i> RIII <i>pm</i> Lerch/cg 12/2/92	<i>yes</i> RIII <i>put for</i> Shembarger 12/2/92	<i>yes</i> RIII <i>put for</i> Salehi 12/2/92	RIII <i>put for</i> Gleaves 12/2/92	RIII <i>put for</i> B. Burgess 12/2/92
RIII <i>Wright</i> 12/3/92	RIII <i>Farber</i> 12/3/92	RIII <i>Martin</i> 12/3/92	RIII <i>Miller</i> 12/4/92	

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Distribution

cc w/enclosures:

M. Wallace, Vice President,  
PWR Operations

T. Kovach, Nuclear  
Licensing Manager

T. Joyce, Station Manager

S. Kaplan, Regulatory Assurance  
Supervisor

DCD/DCB (RIDs)

OC/LFDCB

Resident inspectors, Byron,  
Braidwood, Zion

Richard Hubbard

J. W. McCaffrey, Chief, Public  
Utilities Division

Mayor, City of Zion

Zion, URM, NRR

Robert Newmann, Office of Public  
Counsel, State of Illinois Center

Robert M. Thompson, Administrator  
Wisconsin Division of Emergency  
Government