



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351

January 21, 1998

Mr. Oliver D. Kingsley  
President, Nuclear Generation Group  
Commonwealth Edison Company  
ATTN: Regulatory Services  
Executive Towers West III  
1400 Opus Place, Suite 500  
Downers Grove, IL 60515

SUBJECT: NOTICE OF VIOLATION AND NRC INSPECTION REPORT  
NO. 50-295/97025(DRP); 50-304/97025(DRP)

Dear Mr. Kingsley:

On December 16, 1997, the NRC completed an inspection at your Zion 1 and 2 reactor facilities. The enclosed report presents the results of that inspection.

During this inspection period, your staff's performance was again inconsistent. Operations department personnel continued to experience problems with system configuration control and the adequacy of pre-evolution walkdowns. These problems contributed to inadvertent inoperability of an emergency diesel generator and testing procedure deficiencies not being identified until the evolution was being conducted. In addition, control room operators continued to be unnecessarily challenged by inadequate procedural guidance and inconsistent support from other departments. Specifically, deficient maintenance practices resulted in failure of a fuel oil injection pump on an emergency diesel generator and an inadvertent engineered safety feature actuation. However, an overall improvement was noted in the thoroughness of post-event investigations and the adequacy of immediate corrective actions.

In addition, we are concerned about five violations of NRC requirements that were identified. The first violation involves the failure to provide appropriate procedural guidance to the operators for splitting the service water header for maintenance and for performing containment isolation testing. The second violation involves the failure to make a timely NRC notification for an inoperable containment penetration line. The third violation pertains to the failure of electricians to follow a maintenance procedure which resulted in an inadvertent actuation of engineered safety feature equipment. The fourth violation pertains to a failure to specify and perform post-maintenance testing for the replacement of a safeguards relay. The fifth violation involves the failure to maintain a control room ventilation system design drawing current with the as-built plant design. Although several of these violations were licensee-identified or self-evident, they are being cited due to their repetitive nature at Zion Station.

These violations are cited in the enclosed Notice of Violation (Notice), and the circumstances surrounding the violations are described in detail in the enclosed report. Please note that you are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

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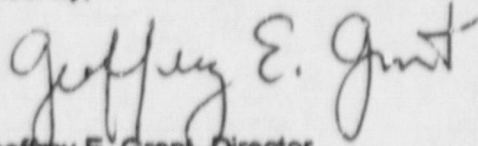
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in accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response will be placed in the NRC Public Document Room.

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

Sincerely,



Geoffrey E. Grant, Director  
Division of Reactor Projects

Docket Nos: 50-295; 50-304  
License Nos: DPR-39; DPR-48

Enclosures: 1. Notice of Violation  
2. Inspection Report  
No. 50-295/97025(DRP);  
50-304/97025(DRP)

cc w/encs: M. Wallace, Nuclear Services  
Senior Vice President  
G. Stanley, PWR Vice President  
J. Perry, BWR Vice President  
D. Farrar, Regulatory  
Services Manager  
I. Johnson, Licensing Director  
DCD - Licensing  
J. Brons, Site Vice President  
R. Starkey, Plant General Manager  
R. Godley, Regulatory Assurance  
Supervisor  
Rich Hubbard  
Nathan Schloss, Economist  
Office of the Attorney General  
Mayor, City of Zion  
State Liaison Officer  
State Liaison Officer, Wisconsin  
Chairman, Illinois Commerce  
Commission

January 21, 1998

O. Kingsley

-2-

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Sincerely,

/s Geoffrey E. Grant

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Office of the Attorney General  
Mayor, City of Zion  
State Liaison Officer  
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