

DCC

FEB 1 1990

Docket No. 50-295

Commonwealth Edison Company  
ATTN: Mr. Cordell Reed  
Senior Vice President  
Post Office Box 767  
Chicago, IL 60690

Gentlemen:

SUBJECT: ENFORCEMENT DISCRETION REGARDING DIESEL GENERATOR OPERABILITY  
REQUIREMENTS - ZION STATION, UNIT 1

We have reviewed your letters of January 30, 1990, and January 31, 1990, documenting your January 30, 1990, verbal request that NRC exercise Discretionary Enforcement from the requirements of a February 29, 1980, Confirmatory Order regarding diesel generator operability requirements at Zion, Unit 1. The January 31, 1990, submittal was necessary to supplement your original January 30, 1990, request. Copies of your letters are attached for reference.

The Confirmatory Order stipulates allowable outage times dependent on the number of diesel generator failures in the prior 100 tests. The Unit 1 diesel generators had experienced four failures which corresponded to an allowable outage time of 32 hours. At 12:37 p.m. on January 29, 1990, the Unit 1, 1B Diesel Generator was declared inoperable due to a failure of the air start system. This was the fourth failure in 100 tests. Therefore, at 8:37 p.m. on January 30, 1990, Unit 1 would be required to be in hot shutdown within 12 hours and in cold shutdown within the following 30 hours.

On January 30, 1990, you requested a 40-hour extension of the allowed outage time to complete the repair to the air start system and to perform the required operability run of the 1B Diesel Generator. Your January 31, 1990 supplement also indicated that each ESF bus is capable of being powered from the System Auxiliary Transformer supplied by the offsite distributions system, the Unit Auxiliary Transformer powered from the main generator or offsite power when in a backfeed configuration, a reserve feed from the opposite units 4 kv bus, and the diesel generator assigned to the associated ESF bus. We understand that the ESF bus associated with Diesel Generator 1B will have all the available power sources except that provided by the diesel. In addition, we note that during this requested extension of time two diesel generators for Unit 1 (five diesels total for both units) will remain operable and absent a loss of cooling event, only one diesel generator is needed to place the plant in hot shutdown.

9002080387 900201  
PDR ADOCK 05000295  
PDC

IE61  
11

Commonwealth Edison Company

2 FEB 1 1990

We note that the requested 40-hour extension is consistent with the current NRC position as reflected in the Westinghouse Standard Technical Specification 72-hour allowed outage time. Based on the additional knowledge of and changes in the regulatory position concerning diesel generator surveillance testing and reliability (as reflected in the Standard Technical Specifications and Generic Letter GL 84-15), and based on the information you provided in your January 31, 1990, submittal regarding the reliability of the Zion diesel generators including the stability provided with six incoming lines to the switchyard ring bus, I have concluded that an extension of time is appropriate to permit the necessary repairs and testing. Discretionary Enforcement is granted for a period of 40 hours beginning at 8:37 p.m. on January 30, 1990, until 12:37 p.m. on February 1, 1990.

We understand, as described in your original January 30, 1990 request, that if the diesel generator is still inoperable at the end of the 40-hour extension, Unit 1 will be shut down in an orderly fashion.

Sincerely,

ORIGINAL SIGNED BY A. BERT DAVIS

A. Bert Davis  
Regional Administrator

Attachments: As stated

cc w/attachments:

T. J. Maiman, Vice President,  
PWR Operations  
T. Kovach, Nuclear  
Licensing Manager  
T. Joyce, Station Manager  
DCD/DCB (RIDS)  
Licensing Fee Management Branch  
Resident Inspector, RIII  
Richard Hubbard  
J. W. McCaffrey, Chief, Public  
Utilities Division  
Mayor, City of Zion  
Chandu Patel, Project  
Manager, NRR

RIII  
WS  
Landsman/bs  
2/1/90

RIII  
WS  
Clayton  
2/1/90

RIII  
WS  
Shafer  
2/1/90

NRR  
WS  
Zwolinski  
2/1/90

RIII  
WS  
Forney  
2/1/90

RIII  
WS  
Papeiello  
2/1/90

RIII  
WS  
Davis  
2/1/90