

JAN 5 1990

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

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

Gentlemen:

This letter is to inform you that an Emergency Operating Procedures (EOP) Inspection will be conducted at the Zion Station on February 26 through March 9, 1990.

For planning purposes, we have enclosed a preliminary inspection schedule. The inspection team plans on arriving onsite at approximately 7:00 a.m. and will work until approximately 5:00 p.m. daily, except Sunday.

During the inspection, the inspection team will require a reasonably quiet room with tables and chairs for eight people and a telephone. This room may be inside or outside the protected area. However, the inspectors must have ready access to the plant and should be in close proximity to your emergency operating procedures, WOG emergency response guidelines, procedures generation package, setpoint documents, deviation documents, verification and validation documentation, and other supporting documentation required by NUREG 0737, Supplement 1, and NUREG 0899.

The first phase of the inspection will be a desk top review of the aforementioned documents and will include a review of your 50.59 analyses for safety significant deviations. During the desk top review, we will periodically require the services of your EOP developer to supply answers and documentation to resolve questions.

The second phase of the inspection will be walkdowns of select EOPs and off-normal procedures. During the control room and remote shutdown panel portion of the walkdowns, we will need the services of licensed Senior Reactor Operators (SROs) and Reactor Operators (ROs). During the inplant portion of the walkdowns, we will need the services of auxiliary/equipment operators or ROs that had been certified as auxiliary/equipment operators. As part of the EOP walkdowns, the team will review your environmental impact study (radiation and temperature) to verify that the operators can safely operate the valves, switches, and equipment specified in the Zion EOPs during a worst-case scenario.

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The third phase of the inspection would be to exercise select EOPs on the simulator. During the simulator scenarios, we will need the services of a minimum operating crew (Technical Specifications) for a single unit from the facility and the simulator operators. This phase of the inspection will be eight hours in duration and will be split into two 4-hour sessions. Simulator time may be scheduled any time at your option on one of the dates indicated on the enclosed schedule. We will also require six hours of simulator time and simulator operators to validate the scenarios prior to the scheduled exercises.

In addition, the team will review QA audits, including corrective actions, of your EOP program, and our Human Factors Specialist will interview approximately 3 - 4 SROs, 3 - 4 ROs, 1 - 2 auxiliary/equipment operators, and 1 - 2 developers of your EOPS.

Enclosure 1 contains a listing of documents that we require so that we may prepare for the forthcoming inspection. It is requested that this material be shipped in a timely fashion so that it arrives in the Region III office by February 12, 1990.

We thank you for your support in this inspection and if you have any questions, please feel free to contact me (708) 790-5695, or Mr. Monte Phillips (708) 790-5530, or Mr. Robert Hasse (Team Leader) (708) 790-5595 of my staff.

Sincerely,

ORIGINAL SIGNED BY GEOFFREY C. WRIGHT

Geoffrey C. Wright, Chief
Operations Branch

Enclosures:

- 1. Documents Required Prior to Inspection
- 2. Materials Required at Site
- 3. Zion EOP Inspection Schedule

See Attached Distribution

<i>1-2</i>	Yes	Yes	
R111	R111 BC	R111	R111)
<i>M Hasse</i>	Clayton	<i>M Phillips</i>	<i>GC</i>
Hasse/jk	01/3 /90	Phillips	Wright
01/03/90		01/5/90	01/5/90

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Distribution

cc w/enclosures:

T. J. Naiman, Vice President,
PWR Operations
T. Kovach, Nuclear
Licensing Manager
T. Joyce, Station Manager
DCD/DCB (RIDS)
Licensing Fee Management Branch
Resident Inspector, R111
Richard Hubbard
J. W. McCaffrey, Chief, Public
Utilities Division
Mayor, City of Zion
Chandu Patel, NRR
W. H. Regan, Jr., NRR
G. W. Lapinsky, NRR

ENCLOSURE 1

DOCUMENTS REQUIRED PRIOR TO INSPECTION

It is requested that the following documents be forwarded to the Region III office in a timely fashion so that they arrive by February 12, 1990. It is also requested that these documents be uncontrolled but current as of the date of shipment.

1. EOP Writers Guide.
2. Initial and requalification (SRO/RO) training schedule for February 26 through March 9, 1990.
3. Simulator malfunction book (to be returned).
4. Index of all Zion EOPs and Off-Normal Procedures.
5. One copy of all EOPs.

Please ship the above documents to:

U. S. Nuclear Regulatory Commission
ATTN: Mr. Robert Hasse
Division of Reactor Safety
799 Roosevelt Road - Building #4
Glen Ellyn, IL 60137

ENCLOSURE 2

MATERIALS REQUIRED AT SITE

It is requested that the following documents be made available at the specific office location made available to the team.

1. All Emergency Operating Procedures (for team use and annotation).
2. All off-normal procedures that require evacuation of the control room (for team use and annotation).
3. Setpoint documentation (reference use).
4. Procedures that control the preparation, revision, and approval of EOPs and off-normal procedures (reference use).
5. WOG ERGs (reference use).
6. Verification and validation documentation.
7. Post-accident radiation and temperature documentation.
8. Deviation documentation.

ENCLOSURE 3

ZION EOP INSPECTION SCHEDULE

<u>DATE</u>	<u>ACTIVITY</u>
02/26/90	Inspection team to arrive at Zion Station. Site entrance meeting, badging, start EOP table top review.
02/27-03/02/90	EOP table top reviews.
03/02-07/90	Plant and control room walkdowns, verification/validation reviews, QA reviews, training reviews.
03/08/90	Technical debriefing.
03/09/90	Formal exit meeting.
To Be Scheduled 03/03-07/90	Simulator exercises (two crews, four hours each).