

FEB 28 1990

Docket No. 50-237

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

Gentlemen:

This refers to the special safety inspection performed by an NRC Augmented Inspection Team (AIT) comprised of personnel from NRC Region III and the Office of Nuclear Reactor Regulation headed by Mr. J. H. Neisler of this office, on January 17 through January 20, 1990. The purpose of this inspection was to review the circumstances surrounding the Unit 2 reactor trip and loss of off-site power on January 16, 1990, at Dresden Station Unit 2 authorized by NRC Operating License No. DPR-19. This also refers to the discussion of our findings with Mr. N. J. Kalivianakis and other members of your staff at the conclusion of the special inspection.

The enclosed copy of our AIT report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of equipment, procedures and representative records, observations and interviews with personnel.

During the inspection, the AIT noted that certain balance of plant (BOP) equipment has not received adequate preventive maintenance. The 2B shutdown cooling water discharge valve had not been included in the preventive maintenance program at the time of its failure and preventive maintenance had not been performed on the 2D Condensate/Booster Pump motor when baseline predictive data indicated that the motor condition was inferior to the other condensate/booster pump motors. While you have undertaken some predictive and preventive maintenance initiatives for BOP equipment over the past several years, these failures give rise to general concerns about the adequacy of your programs for BOP equipment that can affect or challenge safety-related systems. We request that you be prepared to discuss the status and scope of your BOP preventive maintenance program at the next monthly management meeting. We understand that you have not completed the investigations to determine the cause of the fire in the 2D Condensate/Booster Pump motor and the failure of the Reserve Auxiliary Transformer and that you will continue these investigations pursuant to the Confirmatory Action Letter which we issued on January 17, 1990. Within 30 days of the completion of your failure investigation, we request that you provide a written report to this office that delineates your findings.

No violations of NRC requirements were identified during the course of this inspection.

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

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

Sincerely,

ORIGINAL SIGNED BY T. O. MARTIN

(for)

H. J. Miller, Director
Division of Reactor Safety

Enclosure: Inspection Report
No. 50-237/90004

- cc w/enclosure:
- T. Kovach, Nuclear
Licensing Manager
- E. D. Eenigenburg, Station Manager
DCD/DCB (RIDS)
Licensing Fee Management Branch
Resident Inspector, RIII
- Richard Hubbard
- J. W. McCaffrey, Chief, Public
Utilities Division
- K. A. Raglin, AEOD/TTC

RIII <i>W</i> Weisler/lc/jk 2/23/90 <i>Yes</i>	RIII <i>AG</i> Gardner 2/23/90 <i>Yes</i>	RIII <i>MS</i> Cooper 2/23/90	RIIII <i>for</i> Hinds 2/23/90 <i>Yes</i>	RIII <i>me</i> Martin 2/23/90	RIII <i>for</i> Miller 2/23/90
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