

DEC 17 1991

Docket No. 50-373
Docket No. 50-374

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 special electrical distribution system functional inspection (EDSFI) conducted by Mr. Z. Falevits and others of this office on October 7 through November 8, 1991. The inspection included a review of activities authorized for your LaSalle Nuclear Power facility. We discussed our inspection findings with Mr. Nicholas J. Kalivianakis and other members of your staff at the conclusion of the inspection on November 8, 1991.

The enclosed copy of our inspection report identifies areas examined during the inspection. The team assessed the design, implementation, and engineering technical support relative to the electrical distribution system. The inspection consisted of a selective review of design calculations, relevant procedures, representative records, installed equipment, observation of ongoing field activities and interviews with engineering and technical support staff.

The team considered the design and operation of the electrical distribution system at LaSalle to be generally acceptable. Several strengths were noted including the Lessons Learned Program, the Engineering and Construction Management Plan, the experience and technical competence of the engineering and plant staff that interfaced with the team, the overall quality of the surveillance test program, and the good material condition of equipment. Several operability concerns were raised during the inspection, including the failure to test the undervoltage relay contacts which affect the capability of the emergency diesel generators (EDG) to provide power to the emergency buses (violation 373/91019-07; 374/91019-07), and the failure to adequately test 480Vac circuit breakers (violation 373/91019-01A; 374/91019-01A). As a result of these concerns, the EDGs and the systems affected by the 480Vac breakers were rendered inoperable until adequate testing to demonstrate operability was performed.

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Notable weaknesses include the lack of a program to perform calibration of non-Technical Specification safety-related relays (violation 373/91019-01B; 374/91019-01B); the lack of voltage drop calculations for 125Vdc circuits, and the lack of design margin for the station batteries. In addition, to ensure that all motor control circuits will have adequate voltage, the licensee has committed to future actions as stated in Section 4.2.2 of this report.

During this inspection, we noted that certain of your activities were in violation of NRC requirements or had deviated from the LaSalle Updated Final Safety Analysis Report (UFSAR), as specified in the enclosed Notices. A written response is required. In addition, the report addresses a number of unresolved and open items. We request that you also address each of these items along with your reply to the violations and deviations identified in the enclosed Notices.

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

The responses directed by this letter and the accompanying Notices are 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 T. O. MARTIN (for)

H. J. Miller, Director
Division of Reactor Safety

Enclosure

1. Notice of Violation
2. Notice of Deviation
3. Inspection Reports No.
50-373/91019(DRS);
No. 50-374/91019(DRS)

See Attached Distribution

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Falevits/jk	Gardner	B. Burgess	Ring	Martin	Miller
12/16/91	12/17/91	12/17/91	12/17/91	12/17/91	12/17/91

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Distribution

cc w/enclosures:

D. Galle, Vice President

BWR Operations

F. Kovach, Nuclear

Licensing Manager

G. J. Diederich, Station

Manager

DCD/DCB (RIDS)

OC/LFDCB

M. W. Hodges, Region I

A. F. Gibson, Region II

S. J. Collins, Region IV

R. P. Zimmerman, Region V

Resident Inspectors-LaSalle,

Dresden, Quad Cities

Richard Hubbard

J. W. McCaffrey, Chief, Public

Utilities Division

Patricia O'Brien, Governor's

Office of Consumer Services

Robert Newmann, Office of Public

Counsel, State of Illinois Center

Licensi Project Manager, NRR