

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

REPORT NOS. 50-254/95011(DRS); 50-265/95011(DRS)

EA NO. 95-241

FACILITY

Quad Cities Nuclear Power Station
License Nos. DPR-29; DPR-30

LICENSEE

Quad Cities Station
Commonwealth Edison Company
22710 206th Avenue North
Cordova, IL 61242

MEETING

Predecisional Enforcement Conference
November 21, 1995
Region III Office
801 Warrenville Road
Lisle, IL 60532-4351

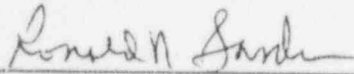
DATES OF ORIGINAL INSPECTION

September 2 through October 18, 1995

INSPECTORS

R. Winter, Reactor Inspector

APPROVED BY



Ronald N. Gardner, Chief
Engineering Branch 2

12/14/95
Date

MEETING SUMMARY

Apparent violations identified during the inspection were discussed, along with the corrective actions taken or planned by the licensee. The apparent violations involved a failure to (1) take corrective actions to address the previously identified potential for multiple safety-related 480 Vac Motor Control Centers (MCCs) to be overloaded; and (2) establish an effective program to control MCC load growth to prevent MCC feed breaker tripping due to overloading.

INSPECTION DETAILS

1. Persons Present at Conference

ComEd

E. Kraft, Site Vice President, Quad Cities
L. Pearce, Station Manager, Quad Cities
R. Svaleson, Senior Operations Supervisor, Quad Cities
S. Elderidge, Design Engineering Supervisor, Quad Cities
D. Craddick, System Engineering Supervisor, Quad Cities
D. Britz, System Engineering, Quad Cities
R. Baumer, Regulatory Assurance, Quad Cities
N. Chrissotimos, Regulatory Assurance Supervisor, Quad Cities
N. Smith, Nuclear Engineering Electrical & I/C, Downers Grove
M. Tucker, Nuclear Engineering Electrical & I/C, Downers Grove
B. Rybak, Corporate Nuclear Licensing
T. Pendergast, Corporate Nuclear Licensing
S. Tutich, Electrical Design Lead, Dresden

U. S. Nuclear Regulatory Commission

H. Miller, Regional Administrator, RIII
J. Grobe, Deputy Director, DRS, RIII
G. Wright, Acting Deputy Director, DRP, RIII
P. Hiland, Branch Chief, DRP, RIII
B. Capra, Director, Project Directorate III-1, NRR
B. Pulsifer, Project Manager, PD III-1, NRR
P. Pelke, Enforcement Specialist, RIII
C. Weil, Enforcement Specialist, RIII
J. Beall, Enforcement Specialist, Office of Enforcement
C. Miller, Senior Resident Inspector, Quad Cities, RIII
K. Walton, Resident Inspector, Quad Cities, RIII
D. Butler, Reactor Inspector, RIII
G. Hausman, Reactor Engineer, RIII

2. Predecisional Enforcement Conference

A Predecisional Enforcement Conference was held in the NRC Region III Office on November 21, 1995. Two apparent violations of NRC regulations were discussed. The inspection findings were documented in Inspection Report Nos. 50-254/265-95007(DRP) which was transmitted to the licensee by letter dated November 9, 1995.

The purpose of this conference was to discuss the apparent violations, root causes, contributing factors, and the licensee's corrective actions.

The licensee's presentation included an acknowledgement of the apparent violations which had occurred, a discussion of the event's safety significance, a discussion of the circumstances which caused the event, and an outline of corrective actions taken or planned.

The NRC representatives questioned the licensee to clarify the extent of the licensee's investigation and corrective actions.

A copy of the licensee's handouts used during the presentation are attached to this report.

Attachment: ComEd Presentation

NRC ENFORCEMENT CONFERENCE
MCC 29-2 EVENT
NOVEMBER 21, 1995
LISLE, ILLINOIS

AGENDA

E.S. KRAFT	SITE VICE PRESIDENT	OPENING REMARKS
L.W. PEARCE	STATION MANAGER	
S. ELDRIDGE	ENGINEERING	MCC 29-2 RCA
R. SVALESON	OPERATIONS	SAFETY SIGNIFICANCE
S. ELDRIDGE	ENGINEERING	LOAD MANAGEMENT
E.S. KRAFT	SITE VICE PRESIDENT	CLOSING REMARKS

ROOT CAUSE:

- MCC 29-2 EVENT
- INADEQUATE ROOT CAUSE ANALYSIS OF THE DRESDEN EVENT
- LACK OF UNDERSTANDING OF THE ORIGINAL DESIGN BASIS ASSUMPTIONS
- TOLERANCE ASPECTS OF THE BREAKER SETTINGS WERE NOT ADDRESSED

IMMEDIATE CORRECTIVE ACTIONS

- OPERATOR ACTIONS

- ENGINEERING ACTIONS

SAFETY SIGNIFICANCE

- BATTERIES
- REDUNDANCY
- OPERATOR ACTION (IF NECESSARY)
- MCC 28-2 AND MCC 29-2
- MINIMAL RISK

ELECTRICAL LOAD MANAGEMENT

- LOAD CONTROL (growth and operations)
- SITE OWNERSHIP
- SITE ENGINEERING CAPABILITIES
- SEARCH OF OTHER CONCERNS
- EFFECTIVENESS OF CORRECTIVE ACTIONS