

UNITED STATES NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report of Operations Inspection

IE Inspection Report No. 050-010-76-19

Licensee: Commonwealth Edison Company
P. O. Box 767
Chicago, Illinois 60690

Dresden Nuclear Power Station
Unit 1
Morris, Illinois

License No. DPR-2
Category: C

Type of Licensee: BWR (GE) 700 MWt
Type of Inspection: Special, Announced
Dates of Inspection: October 6, 1976
Principal Inspector: *R. C. Knop*
R. C. Knop

10/18/76
(Date)

Accompanying Inspectors: None

Other Accompanying Personnel: None

Reviewed By: *R. C. Knop for*
G. Fiorelli, Chief
Reactor Operations and
Nuclear Support Branch

10/18/76
(Date)

8009250 555

SUMMARY OF FINDINGS

Inspection Summary

Inspection on October 6, 1976, (Unit 1, 76-19): Reviewed the licensee actions with respect to the June 23, 1976, Order. One infraction was identified with regard to the licensee's failure to meet the terms of the order.

Enforcement Action

Infraction

Contrary to the requirements of the Order for Dresden Unit 1 dated June 23, 1976, detailed analysis of all portions of the plant protection systems, which show that the modified system meet the single failure criterion, were not submitted to NRR by September 1976.

Licensee Action on Previously Identified Enforcement Items

None.

Other Significant Items

A. Systems and Components

None.

B. Facility Items (Plans and Procedures)

None.

C. Managerial Items

None.

D. Noncompliance Identified and Corrected by Licensee

None.

E. Deviations

None.

F. Status of Previously Reported Unresolved Items

Not inspected.

Management Interview

An exit interview was held on October 6, 1976, with Mr. Bolger and others. The inspector discussed the failure of the licensee to comply to the June 23, 1976, Order. The comments were acknowledged by the licensee.

REPORT DETAILS

1. Persons Contacted

R. Bolger, Assistant Vice President
G. Abrell, Nuclear Licensing Administrator
G. Pliml, Nuclear Licensing Administrator
D. Moskovitz, Staff Assistant
S. Graves, Dresden 1, Program Manager

2. Order for Modification of License

The inspector discussed with the licensee the background associated with the Order. On June 23, 1976, the Commission issued an Order for Modification of the Dresden Unit 1 license. The order adds a provision to License No. DPR-2 requiring that Commonwealth submit by September 1976 the following:

- (a) Additional information relating to the efficiency of the Dresden Unit No. 1 containment spray system.
- (b) Details of proposed modifications that are necessary to make the design of plant protection systems conform with the requirements of Sections 4.2, "Single Failure Criterion," and 4.6, "Channel Independence" of IEEE Std 279-1968.
- (c) Detailed analysis of all portions of the plant protection systems, including the proposed modifications which show that the modified systems meet the single failure criterion.
- (d) Results of analyses and/or tests which demonstrate that all instrumentation and electric equipment essential to safety can function in its environment during and following an accident. If satisfactory results are not obtained, describe the modifications necessary to assure that all instrumentation and electric equipment essential to safety can function in its accident environment.

On September 30, 1976, the licensee informed NRR that the analysis for item c, above, would not be ready for submittal for an additional 45 days.

In discussion with the licensee, they stated that the failure to meet the terms of the Order was due to the failure to recognize that the information required to be submitted was part of an Order.

The licensee stated that they are reviewing a revision to their follow-up system to preclude future similar situations.

The inspector stated that the failure to meet the terms of the Order was considered to be an item of noncompliance.

The licensee acknowledged the comment.