

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Reports No. 50-295/85038(DRSS); 50-304/85040(DRSS)

Docket Nos. 50-295; 50-304 Safeguards Group IV Licenses No. DPR-39; DPR-48

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

Facility Name: Zion Nuclear Station, Units 1 and 2

Inspection At: Zion Station, Zion, IL

Inspection Conducted: October 28 through November 1, 1985, and
November 13, 1985

Date of Last Physical Security Inspection: July 22-25, 1985

Type of Inspection: Unannounced Physical Protection Inspection

Inspectors: J. R. Knickley for
B. Drouin
Physical Security Inspector

12/23/85
Date

J. R. Knickley for
A. B. Earnest
Physical Security Inspector

12/23/85
Date

Approved By: J. R. Creed
J. R. Creed, Chief
Safeguards Section

12/23/85
Date

Inspection Summary

Inspection on October 28 through November 1 and November 13, 1985
(Reports No. 50-295/85038(DRSS); No. 50-304/85040(DRSS))

Areas Inspected: Included a review of the Security Plan and Implementing Procedures; Management Effectiveness; Security Organization; Records and Reports; Testing and Maintenance; Physical Barriers - Vital and Protected Areas; Lighting; Compensatory Measures; Assessment Aids; Access Control - Personnel, Packages, and Vehicles; and Detection Aids - Vital and Protected Areas. The inspectors reviewed licensee's actions relating to weaknesses identified in previous inspection reports and those weaknesses which were

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identified as a result of the Region III Safeguards Analysis Program. The inspectors also reviewed allegations communicated to the Region III office on October 10, 1985 and allegations communicated during the course of this inspection. The inspection involved 76.5 inspector-hours by two NRC inspectors. Two inspector-hours were expended during back-shift.

Results: The licensee was found to be in compliance with NRC requirements within the fifteen areas examined during this inspection. One open item was noted regarding the design of the turbine building vents. One unresolved item concerning assessment aids was identified and forwarded to HQ NRC for resolution. The allegations reviewed during this inspection were unsubstantiated. The results of the allegation review are enclosed in the non-safeguards information appendix. Concerns were developed in the areas of vital area barriers, compensatory measures, assessment aids, and personnel access controls.

(Details: UNCLASSIFIED SAFEGUARDS INSPECTION)

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