

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-454/84-85(DRSS)

License No. NPF-23

Docket No. 50-454

Licensee: Commonwealth Edison Company
Post Office Box 767
Chicago, IL 60690

Facility Name: Byron Nuclear Power Station, Unit 1

Inspection Conducted: December 10, 1984 - Onsite
December 19 and 20, 1984 - Region III Office
January 7-11, 1985 - Onsite

Date of Last Physical Security Inspection: This was the First Physical
Security Inspection Conducted
After License Issuance

Type of Inspection: Announced, Special Physical Security

Inspectors: J. R. Kniceley for
J. L. Belanger
Physical Security Inspector

2/8/85
Date

J. R. Kniceley
J. R. Kniceley
Physical Security Inspector

2/8/85
Date

G. L. Pirtle
G. L. Pirtle
Physical Security Inspector

2/8/85
Date

Received By: J. R. Creed
J. R. Creed, Chief
Physical Security Section

2/8/85
Date

Approved By: W. L. Axelson
W. L. Axelson, Chief
Nuclear Materials Safety
and Safeguards Branch

2/11/85
Date

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Inspection Summary

Inspection on December 10, 19-20, 1984, and January 7-11, 1985 (Report No. 50-454/84-85(DRSS))

Areas Inspected: Included a selective review of Personnel Access Control measures relating to four safeguards events reported by the licensee on December 8-9, 1984 (Licensee Safeguards Event Report Nos. 84-011, 84-012, and 84-013), and on December 29, 1984 (Licensee Safeguards Event Report No. 84-019). Additionally, the inspectors the following areas of the licensee's security program: Records and Reports; Testing and Maintenance; Physical Barriers - Protected Area (Interior Barriers); Physical Barriers - Vital Areas; Compensatory Measures; Access Control - Packages; Access Control - Vehicles; and Alarm Stations. The inspection involved 82 hours onsite by three NRC inspectors and four hours in the NRC Regional office by one NRC inspector.

Results: One item of noncompliance was identified during this inspection: Access Control - Personnel: The licensee failed to provide adequate barriers and access controls to the protected area and two vital areas.

(Details - UNCLASSIFIED SAFEGUARDS INFORMATION)