

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-454/85054(DRSS)

Docket No. 50-454

License No. NPF-37

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

Facility Name: Byron Nuclear Power Station, Unit 1

Inspection At: Byron Site, Byron, IL

Inspection Conducted: December 3, 1985 (Onsite)  
December 2, 4-5, 1985 (Region III Office)

Date of Last Physical Security Inspection: October 25, 1985 (Onsite)  
October 28-30, 1985 (Region III Office)

Type of Inspection: Announced, Special Physical Security Inspection

Inspectors: J. L. Belanger  
J. L. Belanger  
Physical Security Inspector

12/19/85

Date

G. M. Christoffer  
G. M. Christoffer  
Physical Security Inspector

12/19/85

Date

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

12/19/85

Date

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

12/19/85

Date

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## Inspection Summary

Inspection on December 2-5, 1985 (Report No. 50-454/85054(DRSS))

Areas Inspected: Included a review of a security incident involving a Vital Area (VA) barrier degradation that occurred between November 4 and November 30, 1985. The inspection involved 56 hours onsite and in the Region III office by two NRC inspectors.

Results: Based on this inspection, two apparent violations were identified:

1. Access Controls - Personnel: Licensee failed to adequately control access to a vital area for 26 days because of a degraded physical barrier which was not monitored. (Paragraph 3).
2. Records and Reports: The licensee failed to report to the NRC a major loss of security effectiveness, uncompensated for, within the one hour requirement specified in 10 CFR 73.71(c). The event was reported late. (Paragraph 4).

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