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~~SAFEGUARDS INFORMATION~~

FEB 11 1985  
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Docket No. 50-454

Commonwealth Edison Company  
ATTN: Mr. Cordell Reed  
Vice President  
Post Office Box 767  
Chicago, IL 60690

Gentlemen:

This refers to the special physical security inspection conducted by Messrs. J. L. Belanger, G. L. Pirtle, and J. R. Kniceley of this office on December 10 and 19-20, 1984 and January 7-11, 1985, of activities at the Byron Nuclear Power Station, Unit 1, authorized by NRC Operating License No. NPF-23, and to the discussion of our findings with Mr. R. Querio and other members of your staff at the conclusion of the inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

During this inspection, certain of your activities appeared to be in noncompliance with NRC requirements, as specified in the enclosed Appendix. A written response is required.

The items of noncompliance described in the Appendix to this letter represents a breakdown in your Security System that we consider to be significant. It should be noted that due to the status of the plant, an act of radiological sabotage as defined in 10 CFR 73.2(p) was not possible. Had the potential of a possible act of radiological sabotage been more likely, these incidents would have resulted in escalated enforcement actions.

During this inspection, it was noted that security supervision's initial analysis of the first event was marginal, and that their approach to the matter indicated a lack of understanding of the issue, which resulted in initially incomplete compensatory measures.

Areas examined during this inspection concern a subject matter which is exempt from disclosure according to Section 73.21(c)(2) of the NRC's "Rules of Practice," Part 73, Title 10, Code of Federal Regulations. This information must be handled and protected in accordance with the provisions of 10 CFR 73.21. Consequently, the enclosure to this letter, our report of this inspection, and your response to the noncompliance identified in the enclosure to this letter

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Commonwealth Edison Company

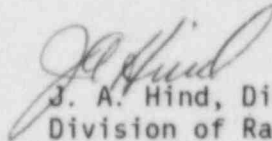
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will not be placed in the Public Document Room. Therefore, your statement of corrective action regarding the noncompliance identified in the enclosure should be submitted as a separate enclosure to your transmittal letter in the manner prescribed.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,



J. A. Hind, Director  
Division of Radiation Safety  
and Safeguards

Enclosures:

- 1. Appendix, Notice of Violation
  - 2. Inspection Report No. 50-454/84-85(DRSS)
- (UNCLASSIFIED SAFEGUARDS INFORMATION)

cc w/encls:

- D. L. Farrar, Director of Nuclear Licensing
- V. I. Schlosser, Project Manager  
Gunner Sorensen, Site Project  
Superintendent
- R. E. Querio, Station  
Superintendent
- IE File
- IE/DQASIP/ORPB
- IE/ES
- NMSS/SGPL
- NRR/DL/SSPB
- ACRS

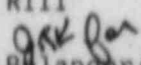
cc w/encls, w/o UNCLASSIFIED SAFEGUARDS INFORMATION:

- DMB/Document Control Desk (RIDS)
- Resident Inspector, RIII Byron
- Resident Inspector, RIII Braidwood
- Phyllis Dunton, Attorney  
General's Office, Environmental Control Division
- D. W. Cassel, Jr., Esq.
- Diane Chavez, DAARE/SAFE
- W. Paton, ELD
- L. Olshan, NRR LPM

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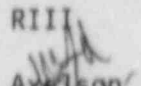
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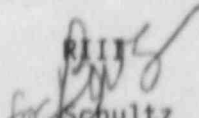
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Axelson  
2/8/85

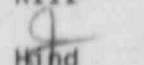
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for Schultz  
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Forney

RIII

  
Hind  
2/11/85