



Commonwealth Edison

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July 31, 1989

Mr. A. Bert Davis
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Byron Station Units 1 and 2
Additional Information Regarding
Safeguards Inspection Report
50-454/89008 and 50-455/89011
NRC Docket Nos. 50-454/455

Reference: (a) April 24, 1989, letter from L. R. Gregor to
Cordell Reed
(b) May 26, 1989, letter from T. J. Kovach to
A. B. Davis

Dear Mr. Davis:

Reference (a) provided the results of a routine Safeguards Inspection at Byron Station conducted by Mr. G. L. Pirtle on March 27 through April 3, 1989. Reference (b) provided Commonwealth Edison's response to the inspection report. As described in reference (b), Attachment A to this letter provides the additional information regarding the reduction of communication alarms.

Please direct any questions regarding this matter to this office.

Very truly yours,

R. A. Chrzanowski
Nuclear Licensing Administrator

RAC/lm

cc: Byron Resident Inspector

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ATTACHMENT A

OPEN ITEM 454/89008-04 AND 455/89011-04

On June 7, 1989, a meeting has held with Security, Maintenance, and Process Computer Systems in order to identify an approach to resolving communication alarm issues.

The root cause for the majority of the communication alarms is directly linked to card reader malfunctions. In an attempt to reduce these malfunctions, the following actions have or will take place by the following dates:

- 1) The Instrument Maintenance and Operational Analysis Departments have developed an on-site computer simulator to test card readers under plant conditions. This simulator will be used in conjunction with present test equipment to identify card reader problems and ensure they are properly repaired.
- 2) The Station will develop a list of individual parts/components needed to repair the card readers.
Expected completion: 9/29/89
- 3) Any necessary parts/components not currently in the inventory at Byron Station will be ordered.
Expected completion: 10/6/89

Items 2) and 3) are required since Byron Station intends to repair cardreaders on site rather than contracting repairs to a vendor. In addition, the station will test new cardreaders when they are received on site. This will ensure that new cardreaders function properly when installed, and thus reduce the number of communication alarms.