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DMB

March 20, 1984

Mr. James G. Keppler
Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Byron Station Units 1 and 2
Review of IE Bulletin No. 80-15
"Emergency Notification System Power Supplies"
NRC Docket Nos. 50-454/455

Reference (a): IE Bulletin No. 80-15, J. G. Keppler letter to C. Reed dated June 18, 1980

Dear Mr. Keppler:

The subject Bulletin was originally issued to operating licensees. Byron Station has revieved the Bulletin and provides the attached record of review.

Please address any questions that you or your staff may have concerning our review of IE Bulletin 80-15 to this office.

Respectfully,

P. L. Barnes

P. L. Barnes
Nuclear Licensing Administrator

Attachments
cc: RIII Inspector - By

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Byron Station Units 1 and 2
Response to IE Bulletin No. 80-15
"Possible Loss of Emergency Notification System (ENS) With Loss of Offsite Power"

1. Concern

Verify by direct inspection, in conjunction with the appropriate telephone company representative, that the ENS at your facility is powered in the manner described in the two enclosures.

Response

At the time this Bulletin was originally issued, Byron Station was not licensed. Therefore, we are not listed on either of the two enclosures to the Bulletin.

The ENS can receive power from the phone company or from the plant telephone system; in either case back up power will be provided. If the power is provided via the phone company, they will supply emergency power for abnormal operating conditions. If power is supplied via the plant telephone system, the supplying MCC (Security System MCC-033W3, OAP1JE) is automatically transfered, upon loss of offsite power, to a diesel generator. Therefore, operability during loss of offsite power is assured by either option.

2) Concern

Those facilities which have Staton packages requiring onsite power, but which are not connected to a safeguards instrumentation bus which is backed up by batteries and an inverter or equally reliable power supply shall make necessary modifications and provide such a connection.

Response

Byron Station's ENS is connected to a safegurards instrumentation bus connected to the Security Diesel Generator to provide reliable back-up power.

3) Concern

All facilities are to develop and conduct a test to verify that all extensions of the ENS located at your facilities would remain fully operable from the facilities to the NRC Operations Center in the event of a loss of offsite power to your facilities. This is not intended to mean that an actual loss of offsite power be executed.

Response

The ENS was tested and found to be functional during pre-operational testing.

4) Concern

If it is determined that a station package requiring onsite power is not connected to a safeguards instrumentation bus backed up by automatic transfer to batteries and an inverter or an equally reliable power supply, notify the NRC Operations Center.

Response

The ENS is connected to a safeguards instrumentation bus backed by the Security Diesel Generator to provide reliable back-up power.

5) Concern

Prepare and issue an administrative procedure or directive which requires notification to the NRC Operations Center by commercial telephone or relayed message within one hour of the time that one or more extensions of the ENS located at your facilities is subsequently found to be inoperable for any reason.

Response

Byron Procedure BZP-500 addresses this concern. It states that "If, at any time, there is reason to believe that one or more extensions of the Emergency Notification System (ENS) is inoperable, immediately notify the Nuclear Regulatory Commission (NRC) Emergency Operations Center (EOC) by commercial telephone or relayed message within one hour."