

Iowa Electric Light and Power Company

July 1, 1980
LDR-80-185

LARRY D. ROOT
ASSISTANT VICE PRESIDENT
NUCLEAR GENERATION

Mr. James G. Keppler
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Duane Arnold Energy Center

Subject: IE Bulletin 80-15, Possible Loss of
Emergency Notification System (ENS)
With Loss of Offsite Power

File: A-101a, NRC-2, Bulletin 80-15

Dear Mr. Keppler:

In response to your letter transmitting the subject bulletin concerning potentially losing the NRC Emergency Notification System (ENS) telephones at DAEC with a loss of offsite power, we have reviewed the power supply for these telephones. The following summarizes the IELPC activities taken to address the NRC Action Items raised in the subject bulletin:

ITEM 1 On June 27, 1980, three DAEC engineers inspected the Palo Telephone Cooperative for power sources and backup power supplies which feed the NRC ENS telephones at DAEC. This inspection revealed that the ENS telephones are powered solely by the offsite power supplies at the Palo Telephone Coop. and not by any DAEC on-site power.

The Palo Telephone Coop. power supply system appears to be highly reliable with two independent reserve power supplies. All components at the Palo telephone facility are dual units including the inverters and switching hardware.

All of the telephone equipment, including the ENS telephones at DAEC, are fed power from a single 240 VAC

AP01
5/10

8007160 259

Mr. James G. Keppler
Page 2
July 1, 1980

line to dual Western Electric rectifiers which supply a bank of C & H Corp. batteries. The battery bank is the normal power supply (52 VDC system) to all of the Palo telephone equipment. The battery system also serves as a 48 hour back-up power supply in the event of loss of the incoming 240 VAC power line. Further, if required, a 20 KVA, 120/240 VAC, natural gas operated generator is available for manual hookup as a second backup power supply.

ITEM 2; These items are not applicable to DAEC since the ENS 3, & 4 telephones are powered by the local telephone company, Palo Telephone Cooperative.

ITEM 5. An existing DAEC SPECIAL ORDER on NRC, state, and local authority notification requirements was modified to require notification of 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 DAEC is subsequently found to be inoperable for any reason. This SPECIAL ORDER becomes effective July 15, 1980.

If you have any questions or desire further information concerning this matter, please contact this office.

Very truly yours,



Larry D. Root
Assistant Vice President

LDR/DWT/rs

cc: U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Division of Reactor Operations Inspection
Washington, D.C. 20555

~~U.S. Nuclear Regulatory Commission~~
c/o Document Management Branch
Washington, D.C. 20555

D. Tooker, D. Arnold, L. Liu, S. Tuthill, K. Meyer, D. Mineck,
D. Wilson, J. Van Sickel, NRC Resident Inspector-DAEC