

March 11, 1982

Docket Nos. 50-10, 50-237, 50-249;
50-373, 50-374; 50-295, 50-304

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

Gentlemen:

Thank you for your letter of February 16, 1982, to Mr. J. Keppler, Regional Administrator, in which you refer to the initial test deficiencies of your prompt public notification system detected in the Emergency Planning Zones around the Dresden, Quad-Cities and Zion Stations. Also we noted in this letter your schedule for correcting these deficiencies prior to June 1, 1982, at each station. Should these deficiencies not be corrected by June 1, 1982, appropriate regulatory action will be taken.

We will examine your corrective actions at a subsequent inspection.

Sincerely,

for *C. J. Paperiello*
J. A. Hind, Director
Division of Emergency Preparedness
and Operational Support

- cc: Louis O. DelGeorge, Director of Nuclear Licensing
- D. J. Scott, Sta. Supt.
- N. Kalivianakis, Plant Supt.
- R. Cosaro, Site Const. Supt.
- T. E. Quaka, QA Supervisor
- K. L. Graesser, Sta. Supt.
- B. B. Stephenson, Project Mgr.



cc w/ltr dtd 2/16/82:
 DMB/Document Control Desk (RIDS)
 Resident Inspector, RIII
 Mary Jo Murray, Office of
 Assistant Attorney General
 Mayor John B. Spencer
 City of Zion

RIII

RIII

RIII

RIII

RIII

RIII

for *WJM*
Patterson/so
3/4/82

MAA
Axelson

CJP
Paperiello
3/10/82

JAH
Hayes
3/10/82

ROW
Walker
3-10-82

CJH
Hind
3/10/82



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

PRINCIPAL STAFF		
DIR	W.A.	EMIS
D/D		PAO
A/D		ELO
DE&PI		
DE&TI		
DEP&OS		File W.A.S.

orig 1
 February 16, 1982

Mr. James G. Keppler, Regional Administrator
 Directorate of Inspection and
 Enforcement - Region III
 U.S. Nuclear Regulatory Commission
 799 Roosevelt Road
 Glen Ellyn, IL 60137

Subject: Commonwealth Edison Company
 Prompt Public Notification Systems
 Status of Installation and Initial Testing
 Dresden Station Units 1, 2 and 3;
 Quad Cities Station Units 1 and 2;
 Zion Station Units 1 and 2
 NRC Docket Nos. 50-237/249, 50-254/265 and
 50-373/374

should be seen →
 References (1): L. O. DelGeorge letter to J. G. Keppler
 dated January 27, 1982.

Dear Mr. Keppler:

Commonwealth Edison has notified your staff informally that the Prompt Public Notification Systems required by 10 CFR 50.54(s)(2) for the emergency planning zones (EPZ) around Dresden, Quad Cities and Zion Stations were installed and an initial test (see Reference (1)) performed by February 1, 1982. The purpose of this letter is to document our schedule for remedial action to correct deficiencies identified as a part of the initial testing. This report addresses only those fixed siren locations that have been added within the subject EPZ's to fulfill the requirements of 10 CFR 50.54(s)(2). Sirens that have been in use by cities or towns within the EPZ's for civil defense, fire alarms, etc. and which are to be used as part of the prompt notification system were assumed operable because they have already been tested by the local users.

For the fixed sirens added to complete the public notification systems, all sirens were successfully tested locally verifying the operation of each siren (i.e. local actuation - growl test). As was indicated to Mr. W. Axelson of your staff during the week of February 1, 1981 certain of these siren locations did not indicate an actuation as a part of the integrated system operability tests performed between January 29, and February 1, 1982. These

DOPE
8203030445

FEB 22 1982

failures are judged to be attributable to the radio control portion of the units; that is:

1. Encoder trouble at the remote control location.
2. Signal level at the output of the encoder or audio input to the base station radio.
3. Signal path resulting in low signal level at the receiver.
4. Receiver antenna trouble.
5. Receiver trouble.
6. Decoder trouble.
7. Wiring problems from the decoder to the siren controls.

In order to assure future reliable operation of all siren locations, it is our intention to check the radio controls at each siren location whether or not the siren failed on initial test.

Using Whalen Engineering personnel assisted by Commonwealth Edison Company personnel to do the radio checkout, the following is the schedule for the work.

Zion Station

27 locations - Begin 2-15-82, finish 2-23-82.

Quad Cities Station

64 locations - Begin 2-24-82, finish 3-12-82.

Dresden Station

60 locations - Begin 3-15-82, finish 4-2-82.

If it is determined that a revision is necessary to a particular siren location (e.g.: relocate an antenna), this work will be initiated as soon as the requirement is identified. The revision work will progress concurrent with the overall radio control checkout and the revision will be retested after it is complete.

Correction of all deficiencies to the systems will be completed prior to June 1, 1982.

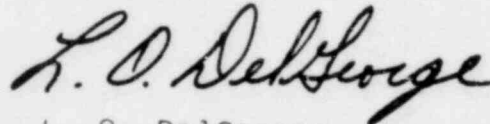
We will advise you periodically before June 1, 1982 of the status of these activities. We will also attempt to provide any

information made available by state and local authorities relative to siren coverage effectiveness tests to be performed later this year, as described in Reference (1).

To the best of my knowledge and belief the statements contained herein are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by other Commonwealth Edison employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

If you should have any questions on this matter or other related information provided previously please direct them to this office.

Very truly yours,



L. O. DelGeorge
Director of Nuclear Licensing

cc: NRC Resident Inspector - D/QC/Z