



Nebraska Public Power District

GENERAL OFFICE
P.O. BOX 499, COLUMBUS, NEBRASKA 68601-0499
TELEPHONE (402) 564-8561

LQA8200024

March 19, 1982

Mr. John T. Collins
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Reference: Letter to J. M. Pilant from J. T. Collins
dated March 12, 1982

Dear Mr. Collins:

In the above referenced letter, Nebraska Public Power District was to provide responses to items 1, 4, and 5. The following are responses to those items.

Item 1

The licensee shall make 31 early warning system mobile siren units operable (installed on a vehicle or ready for immediate (5 minutes) installation), with parts on order for the remaining unit. Each unit shall be functionally tested on the vehicle for which it was intended.

Response

Cooper Nuclear Station's prompt alerting system or early warning system consists of nine fixed sirens located in the communities of Peru, Brownville, Nemaha, and Shubert in Nebraska and Rock Port, Watson, Phelps City, Langdon, and Nishnabotna in Missouri. These sirens provide prompt alerting to these higher population density areas. The rural areas around these fixed siren locations are alerted by mobile siren units operated by volunteer firemen within each area. Designated routes have been established for these mobile units to travel. The minimum number of mobile siren units is equal to the number of routes. The following is a listing of the number of routes and the number of mobile siren units:

8205180 677

<u>Location</u>	<u>No. of Routes</u>	<u>No. of Units</u>
Peru	4	5
Brownville	4	5
Nemaha	4	5
Shubert	2	2
Rock Port	7	10
Watson	4	5
Total	25	32

As can be seen, the minimum number of units required for alerting is 25. The extra units are located within the areas to maintain the minimum number should units need repair.

Status of All Mobile Siren Units

Peru - 3 units mounted on fire trucks
2 *universal mount units stored in the fire house

Brownville - 3 units mounted on fire trucks
2 universal mount units stored in the fire house

Nemaha - 1 unit mounted on fire truck
4 universal mount units stored in the fire house

Shubert - 2 universal mount units stored in fire house

Rock Port - 7 units mounted on volunteer vehicles
3 universal mount units stored in fire house

Watson - 3 units for immediate installation on volunteer vehicles
2 mounted units on fire trucks

*Universal mount units are mobile siren units that are capable of being mounted on almost any vehicle and contacted to that vehicle battery by quick clips to become operational.

The 32 mobile siren units are operational. This number includes the 7 spare units maintained as replacements should one of the primary units fail.

Item 4

The licensee shall develop and implement procedures or methods and provide necessary training to assure the following:

- a. that for each area in item 2 above, primary and alternate individuals responsible for emergency notification are identified for each route, this list is to be maintained current;

- b. that each primary or alternate individual identified in item 4.a will receive positive notification of the necessity to warn the public; and
- c. that no less than the minimum number of mobile siren units for each of the areas identified in item 2 will be continuously available for dispatch.

Response

The early warning system is designed to function in the following manner. The county sheriff sounds the fixed sirens. This alerts the volunteer fire departments and the volunteers report to each local fire house as they normally do during a fire call. The firemen then mount the mobile units on vehicles, if not already mounted, and travel the designated routes. Those individuals who arrive first will mount the units and drive the routes. As discussed in the status in item #1 above, the units in Peru, Brownville, Nemaha, and Shubert are located on fire equipment or are housed in the fire house for immediate installation on the firemen's vehicles. The mobile units in Rock Port are mounted on volunteer firemen's vehicles and these firemen normally wear pagers and may be alerted by this pager system from the Atchison County Sheriff's Office.

The mobile units in the Watson area are: 2 units mounted on fire trucks and 3 units available for mounting on volunteer vehicles.

Please be aware that the District has obtained additional mobile units, in an effort to maintain 32 mobile units on dedicated fire trucks or have universal mount units available in the fire house for immediate installation. Having all the mobile units within the fire houses will aid in control and maintaining operability of the 25 primary units and the 7 spare units.

A meeting of the volunteer fire chiefs and their assistants was held with Nebraska Public Power District personnel on the evening of March 16, 1982. At this meeting, the intent and implementation of the early warning system was discussed.

Also, procedures have been drafted and given to the fire chiefs for implementation of the mobile siren system.

A new Emergency Plan Implementing Procedure 5.7.27, "Early Warning System", has been drafted. This procedure describes the implementation and activation of the early warning system. This procedure, training, and possible route reorganization may require some status changes which we will include in our response on April 20, 1982.

Mr. John T. Collins
March 19, 1982
Page 4

Item 5

The licensee shall implement methods to assure that the 32 mobile siren units remain operable, including periodic maintenance and testing.

Response

The volunteer firemen have agreed to normally do operability checks on their mobile units during their normal firemen meetings. Nebraska Public Power District quality assurance group will audit operability of the mobile sirens on a four month frequency. If a mobile unit is found inoperable, either by the firemen or by Q.A., they are to contact Cooper Nuclear Station. CNS will repair or replace the units as soon as practical. Spare units will be maintained at CNS for this purpose. These units will be ordered in the near future, if not available from the extras already obtained or from the reorganization study discussed below.

The above reference letter also requested Nebraska Public Power District to respond to items 2 and 3.

Item 2

The licensee shall provide an analysis of the minimum number of mobile siren units (in addition to the fixed stations) necessary for emergency notification, for each of the following areas: Peru, Brownville, Nemaha, Shubert, Rock Port, and Watson.

Item 3

The licensee shall provide revised route maps to reflect the minimum number of necessary mobile sirens identified in item 2 above.

Response

The District will reanalyze the number of mobile siren routes. This reevaluation will consider population distribution, road accessibility, manpower needs, and driving times. The results of this reevaluation will be used in an effort to reduce the number of mobile siren routes. If this proves to be applicable, the number of mobile sirens, both primary and backup units, may be changed. Revised route maps will be distributed to the affected areas and personnel updated. This analysis and revisions, if any, will be made by April 20, 1982.

We will be meeting with the individual area fire chiefs to assure they understand the need for prompt implementation of our early warning system. In the event they have problems or suggestions to improve the system, we will work toward resolving these problems with the goal of having a system that will meet our requirements as well as being accepted by the volunteer organizations assisting us with the notification system.

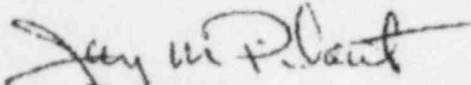
Mr. John T. Collins

March 19, 1982

Page 5

If you have any questions concerning this response, please contact
L. C. Lessor at Cooper Nuclear Station.

Sincerely,



Jay M. Palant

Division Manager of Licensing
and Quality Assurance

JMP:JVS:cmk

TELECOPY FROM:	
NEBRASKA PUBLIC POWER DISTRICT	
402/563-5388-19	
TO	John T. Collins
FROM	Jay M. Palant
DATE	3/19/82 5:35PM
NO. OF PAGES	5