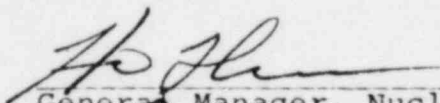


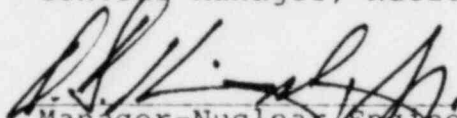
ALABAMA POWER COMPANY
NUCLEAR GENERATION DEPARTMENT

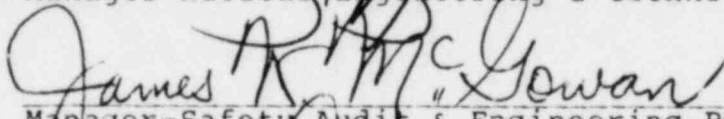
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NOAA WEATHER ALERT RADIO
DISTRIBUTION AND MAINTENANCE

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NOAA WEATHER ALERT RADIO
DISTRIBUTION AND MAINTENANCE

1.0 Purpose

This procedure defines the responsibilities of the Public Information Department regarding Weather Alert Radio distribution and maintenance.

2.0 Reference

Management Procedure No. 401-003

3.0 General

3.1 Copies of this procedure will be kept at the Farley Visitors Center (FVC), Public Information Department, and Farley Nuclear Plant (FNP) Document Control.

Copies will be distributed to the Nuclear Generation Department, General Office Telecommunications Department, and S.E. Division Telecommunications Group.

3.2 The FVC staff in conjunction with Nuclear Generation will be responsible for updating procedural information on an annual basis.

3.3 The Nuclear Generation Section will be responsible for procedure issuance and control.

4.0 Procedure

4.1 Electric Cooperatives, Georgia Power Company and APCo Ashford Local Office -

The FVC staff will establish and maintain contact with the electric cooperatives, Georgia Power and APCo local office managers that serve customers within a ten (10)

mile radius of the nuclear plant regarding the weather alert radios.

4.1.1 Based on written agreement, each electric cooperative, Georgia Power local office and APCo Ashford local office will provide the FVC staff with a monthly listing of residential and business electrical connects and disconnects. The local offices will also serve as a collection point for residents returning radios when electrical service is disconnected due to moving.

4.2 Electrical Connects

The FVC staff will coordinate distributing weather alert radios to new residents.

4.2.1 After reviewing the monthly electrical connects and disconnects listings, the FVC staff will ensure that a siren information and emergency preparedness brochure is distributed to new residents in the Gordon, Ashford and Columbia siren zones.

4.2.2 After reviewing the monthly electrical connects and disconnects listings, the FVC staff will mail letters to new residents in areas covered by NOAA radio distribution, requesting that the resident come by a distribution point (APCo local office or FVC) to receive a NOAA radio and emergency preparedness brochure. If the new

resident does not obtain a radio within 90 days, a FVC staff member will contact the resident and if necessary deliver a radio and brochure.

4.3 Electrical Disconnects

The FVC staff is responsible for obtaining radios from residents moving out of the 10-mile radius.

4.3.1 Based on written agreement, the electric cooperative offices, Georgia Power local office and APCo Ashford local office will serve as a collection point for weather alert radios. Each resident will be informed by the local office to bring his weather alert radio to the local office or to return it to the FVC.

4.3.2 The FVC staff will collect weather alert radios from the local offices on a monthly basis.

4.4 Radio Malfunctions

FVC staff is responsible for handling incoming telephone calls and visitors who have problems with the weather alert radios.

4.4.1 The FVC staff will keep a log (Figure 1) of incoming telephone calls and see that problems are resolved in a timely manner. The FVC staff will systematically try to determine the cause of a radio problem (Figure 2). If the problem cannot be resolved over the telephone, the resident will be asked to come by the most convenient

distribution point and exchange the malfunctioning radio for an operable one. The APCo Ashford local office and FVC will serve as distribution points.

In the event that the resident cannot or will not come by a distribution point, an appointment will be made for a staff member to deliver an exchange radio within the next month.

4.5 Weather Alert Radio Repair

FVC staff is responsible for coordinating weather alert radio repair.

4.5.1 Based on information provided by the resident, the FVC staff will fill out a deficiency tag (Figure 3) and attach it to the malfunctioning radio before giving the radio to the S.E. Division Telecommunications group.

4.6 Weather Alert Radio Inventory

The FVC staff is responsible for keeping an adequate supply of weather alert radios and batteries for distribution and exchanges.

4.6.1 The FVC staff will keep a quantitative inventory record of all spare weather alert radios--radios in storage, radios at the FVC, and radios being repaired by S. E. Division Telecommunications group.

4.6.2 FVC staff will notify the Nuclear Generation

Department when the inventory level drops to a pre-established minimum level. The Nuclear Generation Department is responsible for ordering weather alert radios.

- 4.6.3 The FNP storeroom will order batteries based on a pre-established minimum-maximum stock level.

4.7 Records Management

The FVC staff is responsible for keeping a thorough, timely records management program for the weather alert radio distribution and repair.

- 4.7.1 The FVC will record and keep the following information:

- a) Telephone Log of incoming calls regarding the weather alert radios
- b) Radio deficiency tags

- 4.7.2 The FVC will be provided the following information:

- a) Daily trouble sheet (by S. E. Division Telecommunications group)
- b) Radio distribution print-out (by FNP Document Control upon request)

- 4.7.3 FVC staff will provide the following information to FNP Document Control for inputting into the computer:

- a) Record of Delivery forms (Figure 4)
- b) Record of Return or Exchange forms (Figure 5)

Problem Corrected

Comments

Phone

Zone

Name

Date

FIGURE 1. NOAA Radio Program Log

TROUBLE SYMPTOMS:

- | | |
|--|--------|
| I. Radio will not receive transmission | Yes/No |
| A. Is unit plugged in? | —/— |
| B. Is "monitor switch" down and "volume control" fully clockwise | —/— |
| C. Is antenna installed and fully extended? | —/— |
| D. Is power switch on? (See pg. 4 of owners manual for location) | —/— |

If all answers are yes, exchange the radio.

If answer to A is "no" and radio works after being plugged in, replace the battery.

- | | |
|--|--------|
| II. Radio will work in "monitor" mode but does not activate during the weekly test | Yes/No |
| A. Is unit plugged in? | —/— |
| B. Is antenna installed & fully extended? | —/— |
| C. Verify Reset switch is not stuck in "Reset" position. | —/— |
| D. Does the "Alert" light come on during each test? | —/— |

If answers to A and B are yes and reset switch is not stuck, exchange the radio.

If answer to A is "no" and radio works after being plugged in, replace the battery.

0

RADIO DEFICIENCY

Date Returned: _____

SN: _____

Resident
Name _____

Malfunction:

Won't Receive in Monitor

Won't Activate in Alert

Spuriously Activates in Alert

Other _____

Repaired & Tested by _____

Date _____

FIGURE 3. Radio Deficiency Card

NATIONAL WEATHER SERVICE RADIO
RECORD OF DELIVERY

DATE: _____

OFFERED/DELIVERED TO:

Mr./Mrs.: _____

Address: _____

Phone: _____

Evacuation Zone: _____

ACKNOWLEDGEMENT OF RECEIPT NWS RADIO SERIAL NO. _____

Resident Signature

FIGURE 4. Record of Delivery Form (Side 1)

NATIONAL WEATHER SERVICE RADIO
RECORD OF DELIVERY

DATE: _____

OFFERED/DELIVERED TO:

Mr./Mrs.: _____

Address: _____

Phone: _____

Evacuation Zone: _____

VERIFICATION OF DELIVERY (If resident does not wish to sign Form I) OF
NWS RADIO SERIAL NO. _____

APCo Representative

RESIDENT INDICATED ABOVE REFUSED TO ACCEPT NWS RADIO

APCo Representative

- RESIDENT NOT AT HOME
- Day 1
 - Day 2
 - ATTEMPT-TO-DELIVER Notice Attached To Door

FIGURE 4. Record of Delivery Form (Side 2)

NATIONAL WEATHER SERVICE RADIO
RECORD OF RETURN OR EXCHANGE

DATE: _____

RETURNED/EXCHANGED BY:

Mr./Mrs.: _____

Address: _____

Phone: _____

Evacuation Zone: _____

Serial Number of Radio Returned: _____

Serial Number of Radio Issued: _____

Resident Signature

Date Transmitted to Document Control: _____ By: _____

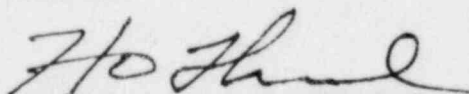
FIGURE 5. Record of Return or Exchange Form

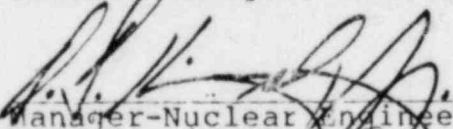
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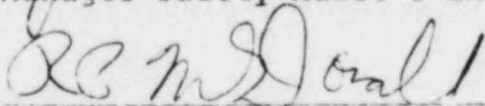
PNS SIREN SYSTEM TESTING AND MAINTENANCE

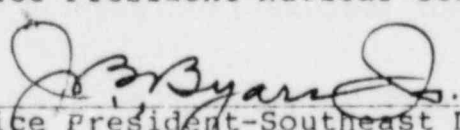
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Vice President-Southeast Division

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PNS SIREN SYSTEM TESTING
AND MAINTENANCE

1.0 Purpose

The purpose of this procedure is to delineate the program to be utilized for ensuring Farley Nuclear Plant (FNP) prompt notification system (PNS) sirens are maintained in an operable condition.

2.0 Scope

This procedure applies to Southeast Division Telecommunications personnel.

3.0 References

3.1 Whelen Model WS-3000 Electronic Siren Warning System
Instruction Manual

4.0 General

4.1 Operational Testing of each PNS siren will be conducted quarterly on the dates shown in Table 1 and coordinated with the Houston County Department of Civil Defense.

4.2 Prior to each scheduled test, the APCo Public Information Department will arrange for appropriate notice to be provided to the public affected by the test.

4.3 Test results will be documented utilizing Figure 1.

5.0 Procedures

5.1 Perform a visual inspection of the speaker cluster, speaker cable, siren case assembly and antenna.

5.2 Inspect batteries and verify battery "eyes" are green.

NOTE
Hearing Protection must be
worn for the following steps

- 5.3 Contact Houston County Civil Defense at 1-794-9720 or 1-793-1114, Ext. 240 and request that the siren system being checked be activated in the "PA" mode followed by the "Hi/Lo" mode.
- 5.4 While the siren system is activated (operating), verify illumination of the 16 LEDs and the clipping indicator located on the siren amplifier panel.
- 5.5 Verify that the siren is audible in the "PA" mode and that the correct tones pattern is generated with adequate volume in the "Hi/Lo" mode (NOTE: This is not meant to require that the volume be measured).
- 5.6 Document any corrective maintenance performed and retest as required.
- 5.7 Notify Houston County Civil Defense of successful test completion.

TABLE 1

PNS SIREN TEST SCHEDULE

1982

2nd Quarter	Thursday May 20
3rd Quarter	Thursday July 1
4th Quarter	Thursday October 7

1983

1st Quarter	Thursday January 6
2nd Quarter	Thursday April 7
3rd Quarter	Thursday July 7
4th Quarter	Thursday October 6

1984

1st Quarter	Thursday January 5
2nd Quarter	Thursday April 5
3rd Quarter	Thursday July 5
4th Quarter	Thursday October 4

MAINTENANCE/REMARKS

Performed By/Date

/

FIGURE 1. PNS SIREN SYSTEM QUARTERLY TEST

	<u>COLUMBIA</u>	<u>GORDON</u>	<u>ASHFORD</u>
<u>VISUAL INSPECTION</u>			
Speaker Cluster			
Speaker Cable			
Siren Case Assembly			
Antenna			
Batteries			
<u>OPERATIONAL INSPECTION</u>			
LEDS 1 & 2			
3 & 4			
5 & 6			
7 & 8			
9 & 10			
11 & 12			
13 & 14			
15 & 16			
Clipping Indicator			
<u>REMOTE ACTIVATION</u>			
P/A			
Hi/Lo			