

ANNEX 1
H. B. Robinson Steam Electric Plant (HBRSEP)
ALERT AND NOTIFICATION

I. INTRODUCTION

Annex A establishes procedures for the prompt notification of the public within the 10-mile Emergency Planning Zone (10-mile EPZ) plume of the HBRSEP. The procedures described herein focus on state and local coordination of fixed siren activation and broadcast of Emergency Alert System (EAS) messages that contain clear protective action instructions based on decisions by appropriate government off-site response officials (OROs).

II. PURPOSE

To alert and provide prompt instructions to the public within the HBRSEP 10-mile EPZ of an incident that is occurring or may occur at the plant.

III. CONCEPT OF OPERATIONS

A. Alerting:

1. State agencies and local governments will be notified of an incident at the HBRSEP as specified in paragraph III. B and in the Basic Plan, Annex 1.
2. Progress Energy Carolinas has installed 59 fixed sirens throughout the HBRSEP 10-mile EPZ. The system's purpose is to alert the public that an incident has occurred at HBRSEP and that they should turn on their radios and televisions for further information.
3. The activating encoder for the fixed siren system is located in the HBRSEP Control Room and each affected county EOC.
4. The siren system is activated by digital computer system. This system has automatic feedback depicting which sirens did/did not sound. The plant maintains and operates this digital computer system.
5. The siren system will produce a three-minute steady signal, and it is capable of repetition.
6. The siren system will be tested on the following schedule:
 - a. Silent test weekly.
 - b. Growl test quarterly.
 - c. Full-cycle test annually.

NOTE: Full-cycle test may substitute for growl test.

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7. SC Department of Natural Resources will alert persons boating or fishing on Lake Robinson.
8. In the event that the siren system is inoperable, Chesterfield, Darlington and Lee Counties will assess their current capabilities and have designated specific emergency service vehicles, equipment, and personnel alert residents.

B. Notification:

1. If an incident occurs at the HBRSEP, the primary means of initial public notification is through EAS. Local radio and television stations monitoring EAS will also broadcast information throughout the area.
2. When the SEOC is operational, alert notification to the public will be accomplished as expeditiously as possible from the time a mutual decision is made by state and local OROs to take protective actions.
3. In a “fast-breaking” situation when urgent public action is required and the SEOC is not operational, activation of the alert notification system must be completed within 15 minutes from the time the state and/or local OROs receive verified notification from the Nuclear Power Plant (NPP) and mutually agree on appropriate protective actions.
4. The public notification system will be fully prepared to broadcast emergency information prior to activation of the siren system.
5. EAS stations for the HBRSEP 10-Mile EPZ (See Attachment A.)
6. Upon declaration of an ALERT or higher Emergency Classification Level (ECL), Progress Energy Carolinas will establish a Joint Information Center (JIC) located at 1755 Mechanicsville Road, Florence, SC approximately 2 mile east of I-95. The Governor's Press Secretary or designee will coordinate, direct and control the South Carolina public information contingent operating at the JIC. Federal, state, local and HBRSEP public information will be disseminated from the JIC to ensure effective coordination of all emergency information.
7. A public information contingent will operate from the SEOC until the JIC is established. The Governor's Press Secretary or designee will coordinate Media operations in the SEOC.
8. Formats for use in supplying emergency information to EAS stations are found in the Basic Plan, Annex 3, Attachment B.
9. Residents in the 10-mile EPZ receive Plant Safety Information Brochures printed and disseminated by Progress Energy Carolinas. The brochure not only explains daily plant operations, but also contains the description of evacuation zones, evacuation routes, shelters, and other important facts, which aid the public in interpreting notification broadcasts.

ATTACHMENT A, ANNEX 1, STATE EMERGENCY ALERT SYSTEM FOR THE HBRSEP OPERATIONAL AREA.

| <u>STATION LOCATION</u> | <u>FREQUENCY, DESIGNATION</u> | <u>TELEPHONE</u> |
|-------------------------|----------------------------------|------------------|
| WCOS-FM Columbia | 97.5, SR-1 State Relay | (803) 343-1100 |
| WRJA-FM, Sumter | 88.5, SR-2 Alternate State Relay | (803) 773-5546 |
| WJMX-FM Florence | 103.3, LP-1 Monitors | (843) 667-9569 |
| WYNN-FM Florence | 106.3, LP-2 Monitors | (843) 661-6364 |

All radio stations, television stations, and cable operators with their license and/or franchise agreements in the counties of Chesterfields, Darlington, Dillon, Florence, Lancaster, Lee, Marion and Marlboro which compose the Florence Local Area will monitor WJMX-FM, WYNN-FM and NOAA.

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