

ANNEX 1
Robinson Nuclear Plant (RNP)
ALERT AND NOTIFICATION

I. INTRODUCTION

Annex 1 establishes procedures for the prompt notification of the public within the 10-mile Emergency Planning Zone (10-mile EPZ) plume of the RNP. 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 RNP 10-mile EPZ of an incident that is occurring or may occur at RNP.

III. CONCEPT OF OPERATIONS

A. Alerting

1. State agencies and local governments will be notified of an incident at the RNP as specified in section III. B. and in the South Carolina Operational Radiological Emergency Response Plan (SCORERP) Base Plan, Annex 1 (Alert and Notification Procedures).
2. Duke Energy has installed 59 fixed sirens throughout the RNP 10-mile EPZ. The system's purpose is to alert the public that an incident has occurred at RNP and that they should turn on their radios and televisions for further information.
3. The siren activation points for the fixed siren system are located in the Technical Support Center and Chesterfield, Darlington, and Lee County Emergency Operations Centers (EOC).
4. The siren system is activated by digital computer system. This system provides automatic feedback depicting which sirens did/did not sound.
5. While each county can sound sirens individually, if needed, one county can sound all the sirens simultaneously.
6. The SEOC will send out an EAS message following the siren sounding with emergency protective action instructions for the public.
7. This system has automatic feedback depicting which sirens did/did not sound. The plant maintains and operates this digital computer system.
8. The siren system will produce a three-minute steady signal, and it is capable of repetition.
 - a. The siren system will be tested on the following schedule:
 - b. Silent test bi-weekly.

- c. Growl test quarterly.
- 9. Full-cycle test annually.
- 10. NOTE: Full-cycle test may fulfill one of the quarterly growl test requirements.
- 11. The SC Department of Natural Resources (SCDNR) will alert persons boating or fishing on Lake Robinson. SCDNR officers will initiate alert and clearing efforts and coordinate access control on the lake as needed.
- 12. In the event that the siren system is inoperable, Chesterfield, Darlington, and Lee Counties will assess their current alerting capabilities and dispatch specific emergency service vehicles, equipment, and personnel to alert residents in areas where siren(s) is/are inoperable.

B. Notification

- 1. If an incident occurs at the RNP, 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 State Emergency Operations Center (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 “rapidly progressing severe accident” 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 RNP 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 RNP 10-mile EPZ (See Attachment A.)
- 6. A public information contingent will operate from the SEOC to establish a Joint Information Center/Joint Information System (JIC/JIS) as described in the SCORERP, Base Plan, Annex 3 (Public Information). The Governor’s Director of Communications or designee will coordinate Media operations from the SEOC, or other location based on the incident conditions.
- 7. Formats for use in supplying emergency information to EAS stations are found in the SCORERP Base Plan, Annex 3 (Public Information), Attachment B.
- 8. Duke Energy disseminates an Emergency Public Information mailer for the residents in the 10-mile EPZ near the end of each calendar year. The mailer provides a website to the online brochure that explains daily plant operations, and contains the descriptions of evacuation zones, evacuation routes, school pick-up

points, and other important facts, which aid the public in interpreting notification broadcasts. The mailer also provides information cards for residents with functional needs.

9. Children attending schools in the 10-mile EPZ receive Emergency Planning Information mailers. Emergency Planning Information is also made available for transient populations.

ATTACHMENT A, ANNEX 1 – STATE EMERGENCY ALERT SYSTEM FOR THE RNP 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 Chesterfield, Darlington, Dillon, Florence, Lancaster, Lee, Marion, and Marlboro which compose the Florence Local Area will monitor WJMX-FM, WYNN-FM and NOAA.