

**ANNEX 1**  
**Oconee Nuclear Station (ONS)**  
**ALERT AND NOTIFICATION**

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**I. INTRODUCTION**

Annex A establishes procedures for the prompt notification of the public within the 10-mile plume emergency-planning zone (10-mile EPZ) of the ONS. 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 instruction to the public within the ONS 10-mile EPZ regarding an incident that is occurring or may occur at the site.

**III. CONCEPT OF OPERATIONS**

**A. Alerting:**

1. State agencies and local governments will be notified of an incident at the ONS as specified in paragraph III. B. and in the Basic Plan, Annex 1.
2. Duke Energy Carolinas has installed 65 fixed sirens throughout the ONS 10-mile EPZ. The system's purpose is to alert the public that an incident has occurred at the ONS and that they should turn on their radios and televisions for further information.
3. The actuating encoders for the fixed siren system are located in Pickens County EOC and Oconee County Warning Point.
4. The siren system is activated by digital computer system. This system has automatic feedback depicting which sirens did/did not sound.
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. Full-cycle test quarterly.
7. The SC Department of Natural Resources will alert persons boating or fishing on Lake Keowee, Lake Jocassee and Lake Hartwell.

8. In the event the siren system is inoperable, Pickens and Oconee Counties have assessed their current capabilities and have designated specific emergency service vehicles, equipment, and personnel to alert residents.

B. Notification:

1. If an incident occurs at ONS, the primary means of initial public notification is through EAS. Local radio and television stations monitoring EAS will also broadcast information throughout the area. EAS is tested in conjunction with the quarterly siren tests.
2. When the SEOC is operational, alert and notification of 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 and notification system must be completed within 15 minutes from the time that 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 ONS 10-mile EPZ (See Attachment A).
6. Upon declaration of an ALERT or higher Emergency Classification Level (ECL), the ONS will establish a Joint Information Center (JIC) located one-half mile off SC 123, 664 Isaqueena Trail, near Clemson, SC. The Governor's Press Secretary or designee will control, direct and coordinate the South Carolina public information contingent operating at the JIC. Federal, state, local and ONS 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. The Duke Energy Carolinas prints and disseminates Emergency Planning Calendars to residents in the 10-mile EPZ. The calendar explains daily plant operations, and also contains the description of evacuation zones, evacuation routes, school pick-up points, and other important facts, which aid the public in interpreting notification broadcasts.

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

<u>STATION LOCATION</u>	<u>FREQUENCY, DESIGNATION</u>	<u>TELEPHONE</u>
WSSL-FM, Gray Court	100.5, State Relay-1	(864) 242-1005
WEPR, Greenville	90.1, State Relay-2	(803) 737-3420
WNSC-FM, Rock Hill	88.9, State Relay-2	(803) 737-3420
WFBC-FM, Greenville	93.7, Local Primary-1	(864) 271-9200
WESC-FM, Greenville	92.5, Local Primary-2	(864) 242-4660

All radio stations, television stations, and cable operators with their license and/or franchise agreements in the counties of Abbeville, Anderson, Cherokee, Chester, Greenville, Greenwood, Laurens, Oconee, Pickens, Spartanburg, Union, and York counties which compose the Upstate Local Area will monitor WFBC-FM, WESC-FM and NOAA.

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