

SITE SPECIFIC PLAN

PART 2, SCORERP



ROBINSON NUCLEAR PLANT

September 2026

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I. INTRODUCTION

The Robinson Nuclear Plant (RNP) Site Specific Plan, Part 2, South Carolina Operational Radiological Emergency Response Plan (SCORERP) provides for the guidance, coordination, and utilization of state and other resources in support of local governments in the event of a nuclear incident at RNP. The RNP Site Specific Plan forms an integral part of the SCORERP and addresses matters pertaining directly to RNP not already addressed in the SCORERP Base Plan.

II. PURPOSE

To protect the populace and property in areas that may be affected by a radiological incident at RNP and to provide for off-site recovery.

III. SITUATION AND ASSUMPTIONS

A. Situation

1. RNP is located due west of Lake Robinson Dam in Darlington County. The geographic coordinates are 34° 24' 2" North, -80° 9' 5" West. RNP is owned and operated by Duke Energy whose corporate headquarters is in Charlotte, North Carolina.
2. In operation since March 1971, RNP has one pressurized water reactor that was manufactured by the Westinghouse Corporation. RNP has a production capability of 724 megawatts of power.
3. Portions of Darlington, Lee and Chesterfield Counties are within the 10-mile Emergency Planning Zone (EPZ) (See Figure 1). All of the affected counties have formulated detailed radiological emergency response annexes as part of their County Emergency Operations Plans (EOPs), and these annexes fully support the operational framework of the SCORERP.
4. Darlington, Chesterfield, Lee, Kershaw, Marlboro, Dillon, Marion, Florence, Williamsburg, Clarendon, Sumter, Richland, Fairfield, Lancaster, and Chester counties in South Carolina, along with Anson, Robeson, Richmond, Union, and Scotland counties in North Carolina, lie within the 50-mile Ingestion Exposure Pathway Emergency Planning Zone (IPZ) (See Figure 2).
5. RNP prevailing winds are from the southwest.

B. Assumptions

1. A radiological incident could occur at RNP that may cause an off-site hazard to residents and property. Planning for a radiological incident will facilitate an effective response.
2. Retention of existing licenses for operating Nuclear Power Plants (NPP) is dependent on effective emergency operations of state/local jurisdictions and of the licensee, in accordance with NUREG-0654, FEMA-REP-1 REV.2.

3. A radiological incident at RNP that presents off-site radiological hazards will involve the governments of the three counties within the 10-mile EPZ. Therefore, state government will be required to provide direction, coordination and support in accordance with the State Code of Regulations 58-1 and 58-101.

IV. CONCEPT OF OPERATIONS

A. General

1. See the South Carolina Emergency Operations Plan, Base Plan, Section VII. Concept of Operations.
2. See SCORERP, Base Plan, VI. Concept of Operations, A. Direction and Control.
3. State and County Emergency Managers in the potentially impacted areas should identify and be prepared to designate Alternate EOCs should primary EOCs become inaccessible.

B. Specific

1. Alert and Notification

- a. Alert and Notification procedures are designed to inform and instruct the populace in EPZs.

- (1) A fixed siren system is the primary means of alerting the public within the 10-mile EPZ.
- (2) Public protective actions will be communicated to residents via the Integrated Public Alert and Warning System (IPAWS) when deemed appropriate by State and local officials and approved by the SCEMD Director or the Director's designee.
- (3) IPAWS messages will be coordinated through Emergency Support Function-15 (ESF-15) with the SWP utilizing existing plans and procedures for the system. (South Carolina IPAWS Plan, ESF-15 SOP, State Warning Point SOP).
- (4) Route alerting by local response agencies is the backup to the sirens.

- b. See Annex 1 (Alert and Notification) for additional information on alert and notification of the public.

2. State Emergency Operations Center (SEOC)

- a. The SEOC may be activated upon notification of an ALERT Emergency Classification Level (ECL). Direction and control of emergency response forces will emanate from the SEOC.

- b. The South Carolina Department of Public Health (SCDPH) and South Carolina Department of Environmental Services (SCDES), under the auspices of ESF 8 and 10, will be co-located in the SEOC. A SCDES technical representative will be dispatched to the RNP Emergency Operations Facility (EOF) located at 9700 David Taylor Dr. Charlotte, NC 28262, and to the affected county or counties.
- c. RNP will provide technical representatives to the SEOC and the county EOCs.
- d. SCEMD will provide Radiological Emergency Preparedness (REP) and/or REM (Regional Emergency Manager) liaison officers to both host and risk county EOCs and the Duke Energy EOF.

3. Local

County/Municipal governments are responsible for local radiological emergency response within their jurisdictions, except for technical radiological assessment. County/Municipal governments will coordinate with the Governor of SC or his/her designee (normally the director of SCEMD) along with state agencies, departments, and local emergency response organizations pursuant to this plan. Once the SEOC personnel have validated the request and verified the resources, additional assets may be furnished to aid local agencies.

4. Traffic Management

- a. Upon declaration of a Site Area Emergency (SAE), ESF 16, (Emergency Traffic Management) led by the South Carolina Highway Patrol (SCHP), will coordinate the occupation of designated Traffic and Access Control Points (TACPs) with County Sheriff or Chief law enforcement officer within the 10-mile EPZ.

The purpose of TACPs is to provide assistance during an evacuation and prevent access to restricted areas. TCP locations are depicted in Figure 1.

- b. The SC Department of Natural Resources (SCDNR) ESF-13 will patrol Lake Robinson to prevent water transportation access to the facility and to initiate lake clearing and evacuation procedures.
- c. RNP security personnel will provide entrance control to the EOF and Emergency News Center (ENC) in their Charlotte, NC headquarters building.
- d. Only pre-designated forms of identification will be honored at security check points as outlined in the SCORERP Base Plan, Attachment D.
- e. Local authorities are responsible for security and traffic control within their jurisdictions during all phases of a radiological incident. ESF 16,

located in the SEOC, will coordinate requests from local authorities when reinforcements are required.

5. Radiological Monitoring and Decontamination

- a. See SCORERP Base Plan, Annex 6 (Radiological Exposure Control).
- b. County teams with specialized training will conduct radiological monitoring and decontamination of evacuees, emergency workers, emergency vehicles, and equipment with technical assistance provided by SCDES, as required.
- c. Chesterfield, Darlington, Florence, and Lee Counties have designated radiological monitoring and decontamination points. The location of each monitoring and decontamination point is contained in county EOPs.
- d. SCEMD is responsible for the calibration and maintenance of radiological equipment for Chesterfield, Darlington, Florence, and Lee Counties emergency workers.
- e. The South Carolina Radiological Equipment and Personnel Redistribution Standard Operating Procedures can be activated to provide personnel and equipment support in the event of an incident at RNP.

6. Evacuation

- a. See SCORERP Base Plan, section VI. Concept of Operations.
- b. The Sheriff (as Chief Law Enforcement Officer of the affected county) will, in coordination with the SCHP and other law enforcement agencies, coordinate evacuation activities in accordance with the affected county EOP.
- c. Residential population based on the 2025 Population Update Analysis.

(1) Population Densities

<u>Zone</u>	<u>Population</u>
A-0	2,126
A-1	825
A-2	1,359
B-1	14,967
B-2	5,040
C-1	2,647
C-2	1,676
D-1	993
D-2	918
E-1	474
E-2	2,005

Entire EPZ	33,030
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Note: Please see the Evacuation Time Estimate (ETE) study for complete evacuation information.

- (2) Evacuation Confirmation Time 4:25 Hours.
- (3) Population Distribution Map (See Figure 3).
- d. Chesterfield, Darlington, and Lee Counties have designated evacuation routes for persons living, working, and transiting the 10-mile EPZ. These routes lead to reception centers/shelter areas (See Figure 1).
- e. The affected county/counties will provide transportation to those evacuees who are without transportation and to individuals with functional needs requiring special transportation. The number of individuals needing transportation will be determined through the special assistance card in the Duke Emergency Preparedness Brochure. State assistance may be requested. Special transportation needs are addressed in the Chesterfield, Darlington, and Lee County EOPs.
- f. All evacuees will be processed through shelters or reception centers as outlined in Annex 2. Each evacuee, including those who elect not to accept temporary shelters, will be monitored, registered, and processed. For control and re-entry purposes, each county will maintain records for contacting evacuees. Temporary housing should be located at least five miles from the EPZ outer boundary (15 miles from the nuclear facility site).
- g. See SCORERP Base Plan for reentry, return, reoccupancy, and relocation information.
- 7. Radiological Exposure Control
See SCORERP Base Plan, Annex 6 (Radiological Exposure Control).
- 8. Transportation
 - a. The RNP 10-mile EPZ is covered by a road system that provides multiple primary and alternate routes for evacuation and access to the area. There are no obstacles that would impede rapid evacuation or response.
 - b. Counties and municipal governments have plans for acquiring emergency transportation in the event of a radiological incident. The means for evacuating schools, jails, individuals with functional needs, and residents without private transportation are identified in county plans.
 - c. State transportation resources may be requested to augment county transportation requirements.
- 9. Medical

- a. See RNP Annex 3 (Health and Medical Support).
- b. See SCORERP Base Plan, Annex 5 (Health and Medical Support).

10. Communications

- a. In the event of an emergency at RNP, the site can notify the state and local emergency response networks on a 24-hour basis. Communications between RNP and State and local emergency operations centers are maintained through the following means:

- (1) The primary means of alerting offsite agencies and response forces is the State County Offsite Emergency Notification System (SCOENS).
- (2) SCOENS connects the RNP Control Room and EOF with the SWP and Chesterfield, Darlington, and Lee counties. This notification system is used to provide initial and updated information concerning RNP status.

Acknowledgement of receipt of these notifications are sent from the offsite response organizations (OROs) through SCOENS to the RNP Control Room or EOF.

- (3) The backup method to notify offsite agencies continues to be commercial telephones, cellular phones, and satellite phones.

Standard commercial and satellite telephone lines are available at RNP for communications with all state and local organizations.

- (4) A conference bridge line will be established by SCEMD as the primary means for OROs protective action discussion and decision making.
- b. Counties are responsible for maintenance and operation of communication systems within their jurisdictions during a radiological emergency.
- c. Communications with local governments within the 10-mile EPZ will be tested monthly. The Duke Energy EOF will test the SCOENS conference line monthly. Communications between the nuclear plant, state, local EOCs, and field assessment teams shall be tested annually. Communication drills will also include the aspect of understanding the content of messages.

11. Training

County directors and directors of state agencies are responsible for assuring Radiological Emergency Response (RER) training is conducted in accordance with the SCORERP Base Plan, Annex 2 (Training).

12. Drills and Exercises

- a. See SCORERP Base Plan, Annex 4 (Exercises and Drills).
- b. Exercises are designed to test all elements of emergency preparedness plans pertaining to RNP and the capability of support elements in the 10-mile EPZ cited in such plans. A biennial exercise will be conducted and will involve mobilizing state and local government personnel and resources adequate to verify the capability to respond to an incident scenario (simulated emergency) at RNP. Federal observers will evaluate and critique the biennial exercise.
- c. Drills are supervised periods of instruction designed to test, develop, and maintain skills of individuals who form a part of radiological emergency response organizations. County directors shall ensure that drills are conducted by qualified instructors in the frequency listed below.
 - (1) Communications Drills: See SCORERP Base Plan, Annex 4 (Exercises and Drills).
 - (2) Fire Drills: Annually, fire drills at the RNP will involve the participation of one of the following community fire departments:
 - (a) Hartsville Fire Department
 - (b) Pine Ridge Fire Department
 - (3) Medical Services Drills (MSD):
 - (a) Annually, a simulated radiologically contaminated injured individual from the RNP will be treated and transported by the contracted EMS provider in Chesterfield County or Darlington County EMS commonly known as an MS-1 Drill.
 - (b) Annually, a simulated radiologically contaminated injured individual from the RNP 10-mile EPZ general population will be treated and evacuated to Carolina Pines Regional Medical Center or McLeod Health Cheraw known commonly as an MSD.

V. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

- A. State (See SCORERP Base Plan, section VIII).
- B. Local (See Chesterfield, Darlington, Florence, and Lee County EOPs).
- C. Organization relationships (See Figure 4).

VI. ADMINISTRATION AND LOGISTICS

- A. See the South Carolina Emergency Operations Plan (SCEOP), Annex 7 (Finance and Administration).
- B. Counties provide their own administrative and logistic support. Requests for augmentation may be submitted in accordance with the SCEOP.

VII. DIRECTION AND CONTROL

A. SEOC

The SEOC is located at 2779 Fish Hatchery Road, West Columbia, SC 29172.

B. County Emergency Operations Centers

1. Chesterfield County EOC is located at 109 Scotch Road, Chesterfield, SC 29709.
2. Darlington County EOC is located at 1625 Harry Byrd Hwy, Darlington, SC 29532.
3. Lee County EOC is located at 119 Deschamps Street, Bishopville, SC 29010.
4. Florence County EOC is located on 1221 Justice Way, Effingham, SC 29541.

C. Robinson Nuclear Plant

1. The Duke Energy EOF is located at 9700 David Taylor Drive, Charlotte, NC 28262.
2. The Duke Energy JIC is located at 525 S. Tryon Street, Charlotte, NC 28202.

Table 1 – ROBINSON NUCLEAR PLANT 10-MILE EPZ MAP ZONE DESCRIPTIONS

Zones	Landmark Descriptions	Boundary Descriptions
A-0	In Darlington County: Includes the areas of: Pine Ridge Community, Clyde Community; Hidden Heights Community; Easterling's Landing, Johnson Landing, and Segar's Mill; Wildwood Subdivision and Shadow Moss Subdivision.	North by the Darlington-Chesterfield County line; East by Lakeview Boulevard, West Old Camden Rd Whipporwill Rd.; New Market Rd.; West Bobo Newsome Hwy (SC 151); South by Westover Dr.; West by Clyde Rd.; West along Rancho Rd. to Chesterfield County line.
A-1	In Chesterfield County: Prospect Church, Spring Branch Church; East bank of Lake Robinson to Darlington County line.	North by SR-346 (Morrison Bridge Road); East by SR-29 (Ruby-Hartsville Road); South by Chesterfield-Darlington County line West by Lake Robinson to include the lake.
A-2	In Chesterfield County: McKinnon, Middendorf; Zion Hill Church; Little Beaver Dam Branch; Cedar Creek; Ousleydale Church.	North by both sides Wire Road (unnumbered county road); East by both sides SR-29 (Ruby-Hartsville Road); both sides SR-404, both sides SC-102; South by Chesterfield-Darlington County line; West by SR-29 (Ruby-Hartsville

		Road), SR-346 (Morrison Bridge Road), SR-46 and SR-63.
B-1	In Darlington County: Includes the areas of: Pond Hollow Community; Club Colony Subdivision; Northwood Subdivision, Lakeview Community; Golf Course Road; SONOCO; Products Company; Hunter's Pointe Subdivision; Action Ford Dealership, Kalmia Subdivision; Flynn's Crossroads; Progressive Village; Carriage House, Timberchase Subdivision; Morningside Assisted Living; Scott Center; Saleeby Center; Carolina Pines Regional Medical Center; Entire area inside Hartsville City limits, Hartsville Airport Rd.	North by Darlington-County line; Chesterfield East by Ousleydale Road, Patrick Highway; East Home Avenue; US-15 Bypass (Marquis Hwy); to South Fourth Street; West Bobo Newsome Hwy to New Market Road; Lakeview Boulevard to Chesterfield County line.
B-2	In Darlington County: Includes the areas of: Patrick Hwy and East Old Camden Crossroad, Byrdtown Community, McIntosh's, Millpond, Chapman's pond; Centerville Community, Auburn Community; Rosa Lee's Crossroads, Lewis's Crossroads; Swift Creek Fire Department, Darlington International Dragstrip; Lakewood Subdivision, Morton Community; and Ousleydale Road.	North by Darlington-Chesterfield County line; East by Bethlehem Road, US-15N (Hartsville Hwy); to North Center Road; to East Bobo Newsome Highway; to Flinn's Crossroads, to South Fourth Street; to US-15 Bypass (Marquis Highway); to East Home Ave, to Patrick Hwy; Ousleydale Road; to the Chesterfield County line.
C-1	In Darlington County: Includes areas of: Kellytown Community; Highpoint Community; CVS Shopping Plaza, Pam's Restaurant, Harley Circle; Forest Hills Subdivision; Botany Woods Subdivision; Cassidy's Trailer Park; Rolling Hills.	North and east by Clyde Road; Westover Drive; east by W. Bobo Newsome Hwy; South Fifth Street; Highpoint Road; West by Darlington-Lee County line, Stuckey Bottom Road, Hillcrest Road to Clyde Road.
C-2	In Darlington County: Includes areas of: Roller Bearing of SC; Lee's Crossroad, Thomas Hart Academy; Indian Branch Road, Register's Crossroads, Lydia Community; Marco Millpond, Oates Community, Tremont Subdivision; West Seven Pines Road.	North by Highpoint Road; to South Fifth Street; east by East Bobo Newsome Highway; to Faith Road; to west on East Lydia Hwy; to Bethel Road; to Indian Branch Road, to Oates Highway (Hwy 403); to West Seven Pines Road; to Una Road to the Darlington-Lee County line.
D-1	In Darlington County: Includes areas of: Beaverdam Community; Hannah Pond	North by Darlington-Chesterfield County line; East by Rancho Road, to west Old Camden Road; to Clyde Road; to Hillcrest Road; to

	Community; Ashland Community; Clyde School Road.	Stuckey Bottom, Road; to south by the Darlington-Lee County line, to the west by Darlington-Lee-Kershaw County lines (Lynches River).
D-2	In Lee County: Ashland, Stokes Bridge and Turkey Creek communities.	North and East by Lee-Darlington County line; South by BS US-15; West by Lynches River, BS SR-26, BS SC-341, BS SR-339, BS SR-188, SR-50 to Lee-Kershaw County line.
E-1	In Chesterfield County: Leland, Tabernacle Church, King's Mill Pond; New Hope Church; Union Church; east bank of Lake Robinson to Darlington County Line.	North by BS SR-172 (Kings Mill Pond Road); SR-711 (Shady Grove Church Road); SC-151; SR-346 (Morrison Bridge Road); east by Lake Robinson; south by Chesterfield-Darlington County line; west by SR-31 (Union Church Road).
E-2	In Chesterfield County; Middendorf Church, Little Alligator Creek, Lower Alligator Creek, National Wildlife Refuge Headquarters, Ingrams, McBee Lookout Tower, McBee Sandhill State Forrest, Providence Church, Missionary Creek, area South of Rt. 294	North by BS Wire Road (Unnumbered county road); east by SR-63, SR-46 (Middendorf Road); south by SR-346 (Morrison Bridge Road), SC-151, SR-711 (Shady Grove Church; Road), SR-172 (Kings Mill Pond Road); SR-31 (Union Church Road) and Chesterfield-Darlington County line.

Traffic Control Points			
<u>Chesterfield County</u>		<u>Lee County</u>	
CH-1	US-1 and SC-151	LE-1	US-15 and SC-34
CH-2	US-1 and SC-145	LE-2	US-15 and SC-341
CH-3	SC-145 and S-13-29		
CH-4	SC-102 and US-1		
CH-5	SC-145 and SC-9 (City of Chesterfield)		
<u>Darlington County</u>			
S-1/16-A	SC-151 and S16-23		
DA-1/16-B	S-16-23 and S-16-39		
DA-2/16-C	SC-Business 15 and SC-151		
DA-3/16-D	SC-151 and US-15		
S-2/16-E	US-15 and US-52/401		
S-3/16-F	US-52/402 and Dovesville Hwy		
L-1/16-G	SC-151 and SC-34 and US 52 Bypass		

RNP EVACUATION ROUTES

- A-0 Darlington County**--All to SC-151 (Bobo Newsome Hwy), To Darlington, then Governor Williams Hwy to US-52 South to I-95 South to exit 160 to Florence Center.
- A-1 Chesterfield County**--All to S13-763 (Prospect Church Rd) to S13-29. (Ruby-Hartsville Rd) to SC-145 to Chesterfield.
- A-2 Chesterfield County**--All to S-13-149 (Cedar Creek Church Rd.) to SC-102 to SC-145 to Chesterfield; OR S13-491 (Bullard Ford Rd.) to S13-29 (Ruby-Hartsville Rd.) to SC-145 to Chesterfield
- B-1 Darlington County**--SC-151 to Governor Williams Highway to US-52 South to I-95 South to Exit 160 to Florence Center.
- B-2 Darlington County**--All to N. Fifth St and Marquis Hwy to SC-151 to Darlington to Governor Williams Hwy to US 52 South to I-95 South to Exit 160 to Florence Center; OR US-15 to Dovesville Hwy to Governor Williams Hwy to US-52 South to I-95 South to Exit 160 to Florence Center; OR Floyds Road to Governor Williams Hwy to US-52 South to I-95 South to Exit 160 to Florence Center; OR W. Billy Farrow Hwy to Governor Williams Hwy to US-52 South to I-95 South to Exit 160 to Florence Center
- C-1 Darlington County**--All to SC-151 to Darlington to Governor Williams Hwy to US-52 south to I-95 South to Exit 160B to Florence Center
- C-2 Darlington County**--Highway 403 to Windham's Crossroads (401) to I-20 East to Florence Center
- D-1 Darlington County**--All to SC-151 to Darlington to Governor Williams Hwy to US-52 South to I-95 South to Exit 160 to Florence Center.
- D-2 Lee County**--SC-341 to US-15 to SC-34 to Lee Central High School; OR SC-34 through Bishopville to Lee Central High School
- E-1 Chesterfield County**--S13-150 (New Hope Church Road) to S13-711 (Sowell Rd.) to SC-151 to US-1 to SC-145 to Chesterfield; OR S13-46 (Middendorf Rd.) to S-13-346 (Lake Robinson Rd.) to US-1 to SC-145 to Chesterfield; OR SC-151 to US-1 to SC-145 to Chesterfield
- E-2 Chesterfield County**--S13-296 (Old Creek Rd.) to US-1 to SC-145 to Chesterfield; OR US-1 to SC-145 to Chesterfield

See Figure 1 for shelters, evacuation routes and other points on the map.

Note: Hospitals, school pickup points and boat ramp locations can be found on Palmetto.

FIGURE 1 – ROBINSON NUCLEAR PLANT 10-MILE EPZ MAP

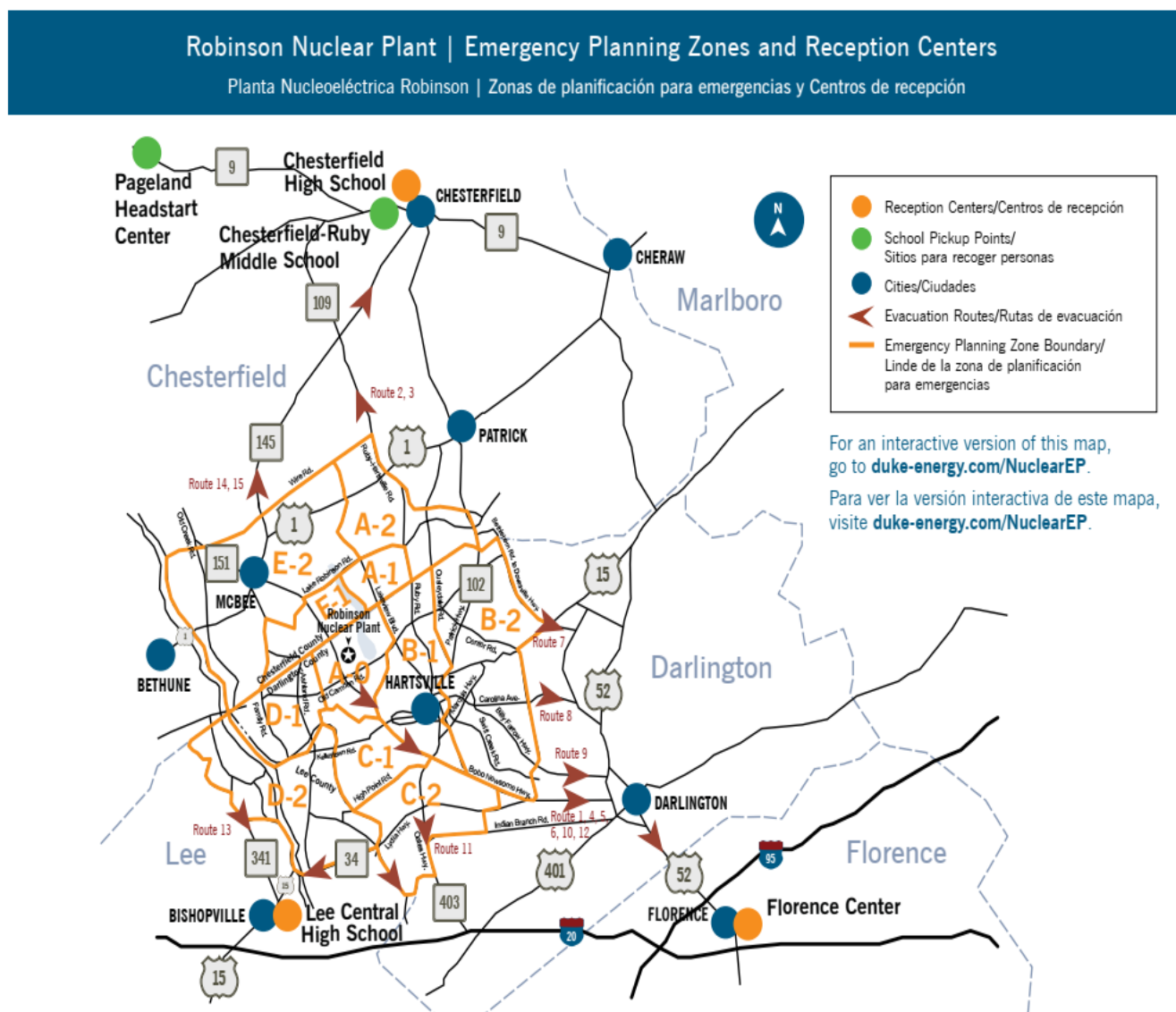


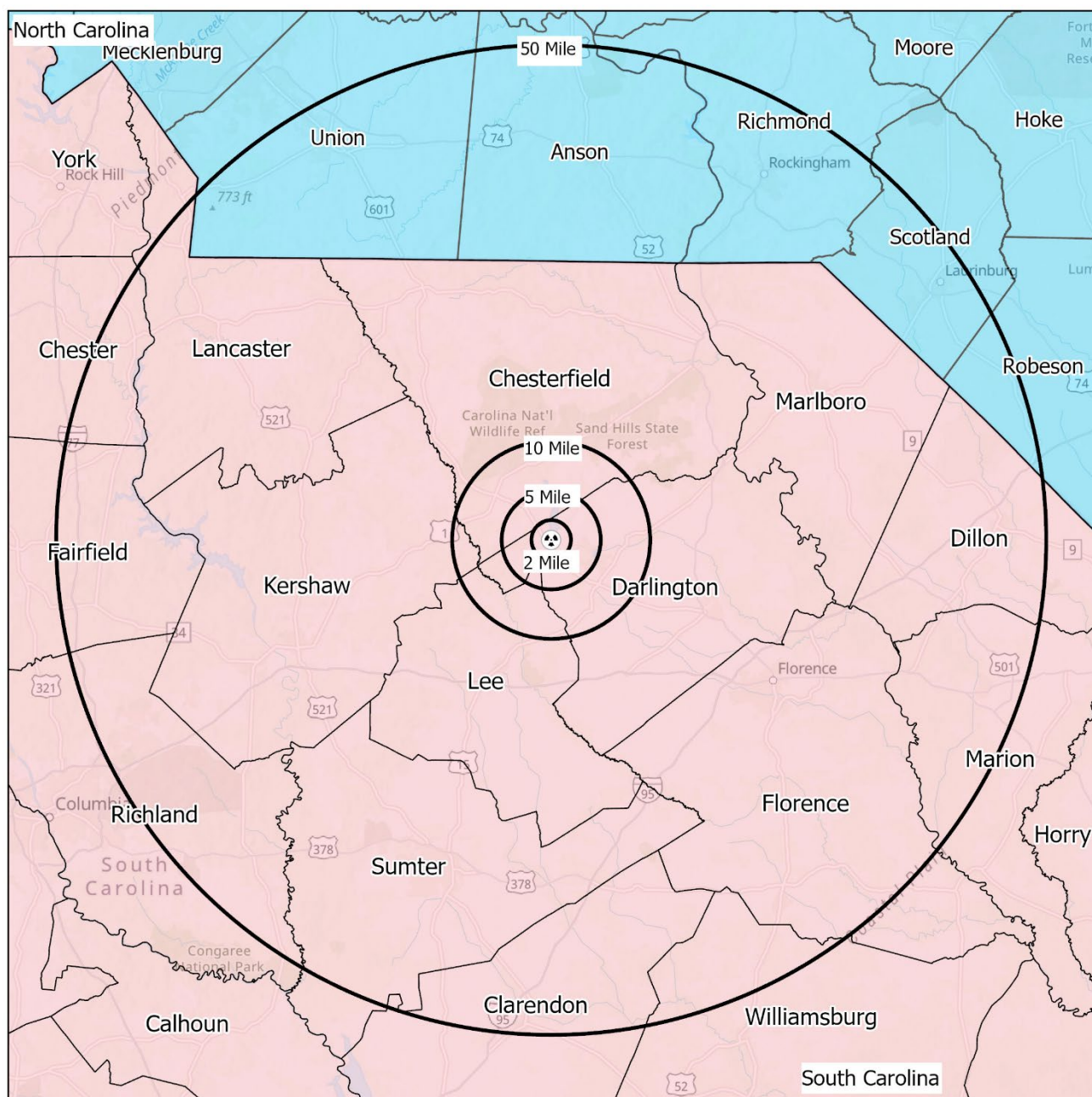
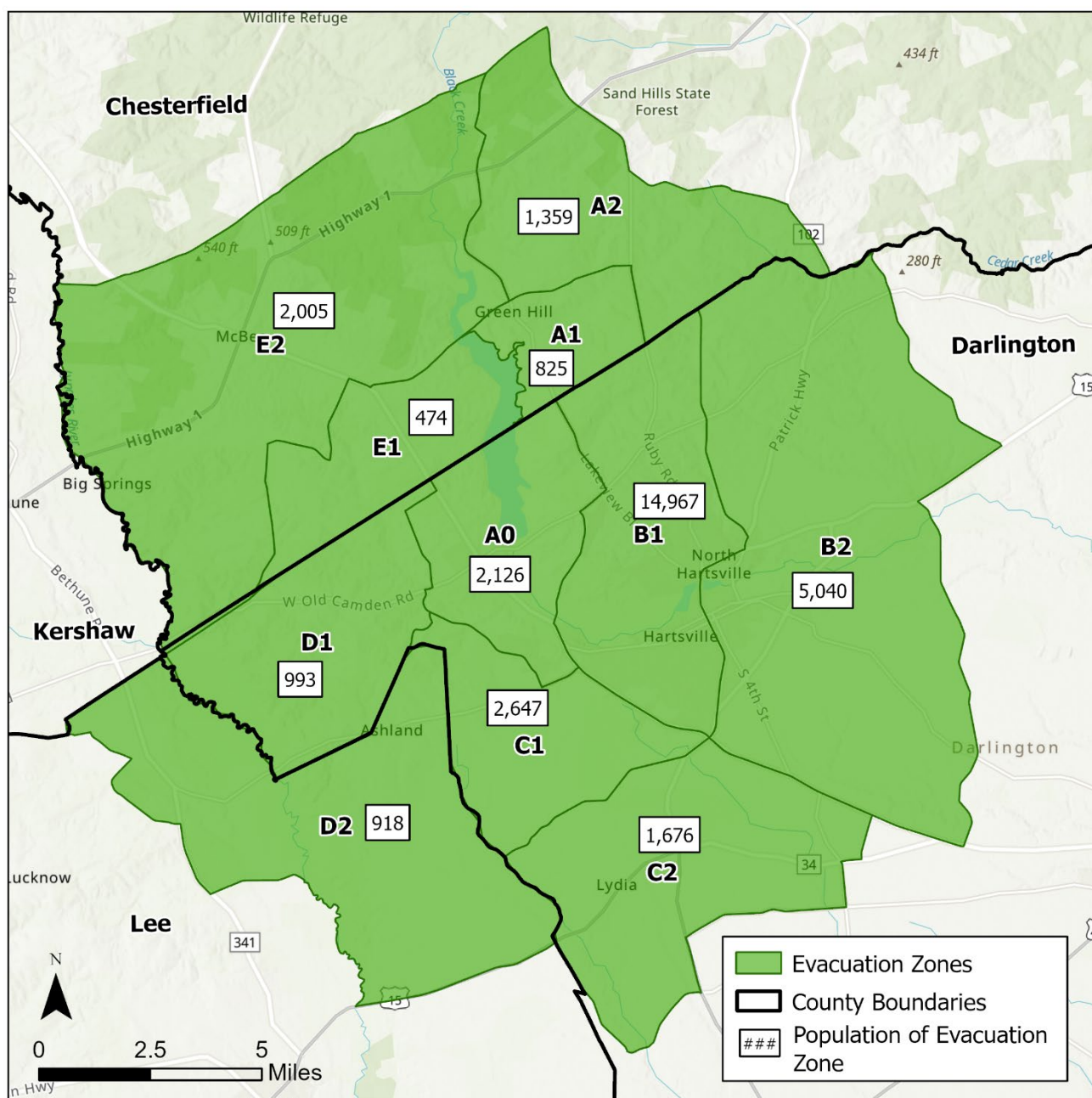
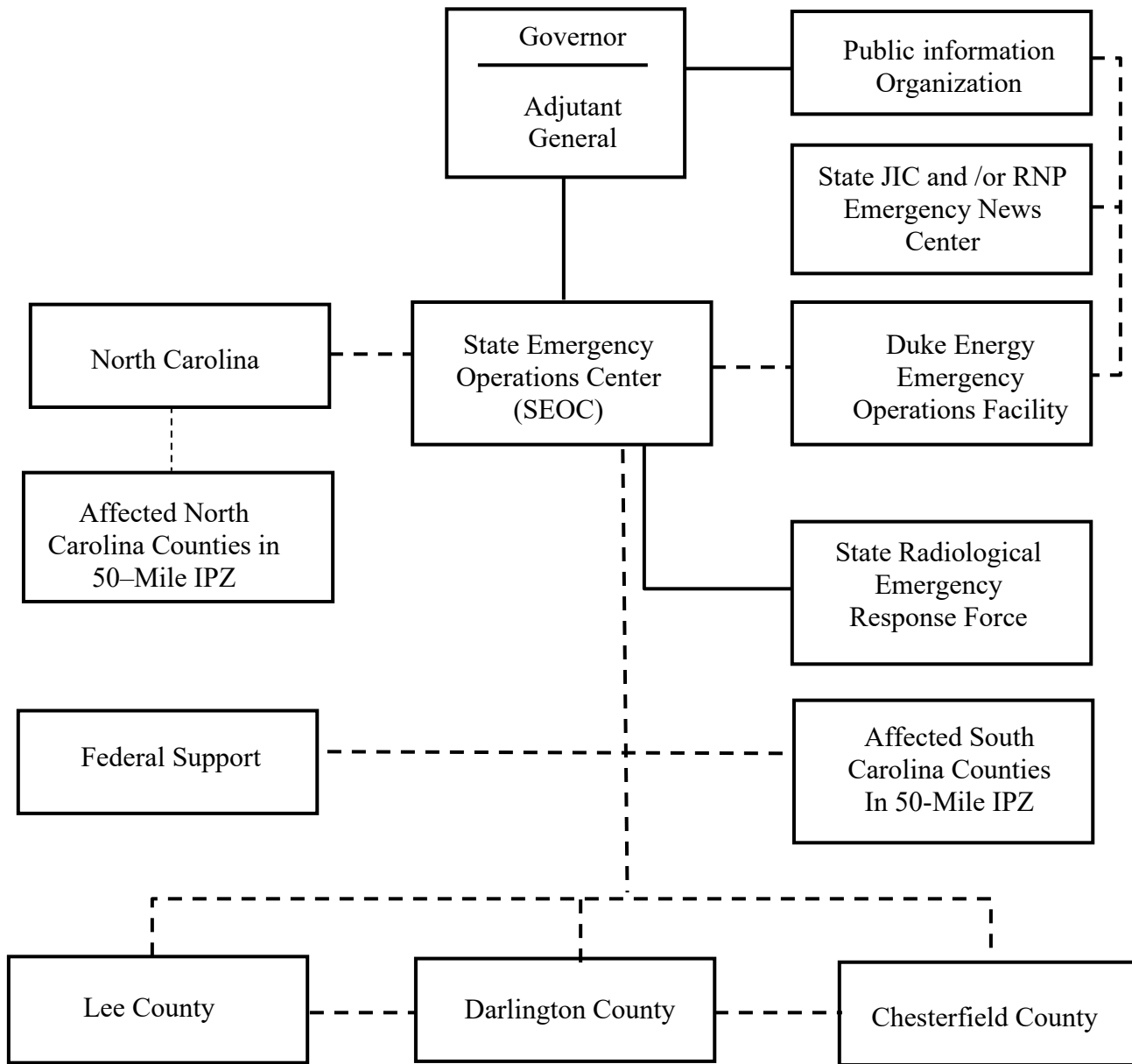
FIGURE 2 - RNP 50-MILE INGESTION EXPOSURE PATHWAY EMERGENCY PLANNING ZONE

FIGURE 3 - RNP 10-MILE EPZ POPULATION DISTRIBUTION MAP

Note: Based on 2025 ETE update

FIGURE 4 – ORGANIZATION RELATIONSHIPS



Affected counties in 50-mile EPZ:

SOUTH CAROLINA

Chester	Lancaster
Clarendon	Marion
Dillon	Marlboro
Fairfield	Richland
Florence	Sumter
Kershaw	Williamsburg

———— Direction

- - - - - Control

FIGURE 5 – EMERGENCY NOTIFICATION FORM

NUCLEAR POWER PLANT EMERGENCY NOTIFICATION FORM

MESSAGE # _____ Confirmation Phone #: _____ AUTHENTICATION CODE #: _____

Lines 1 – 6 are required for INITIAL Notifications

1. EVENT: ☐ DRILL ☐ ACTUAL DECLARATION ☐ TERMINATION (ONLY Lines 1, 2, & 4 required)			
2. AFFECTED SITE:			
☐ BRUNSWICK	☐ CATAWBA	☐ HARRIS	☐ MCGUIRE ☐ OCONEE ☐ ROBINSON
3. EMERGENCY CLASSIFICATION			
☐ UNUSUAL EVENT	☐ ALERT	☐ SITE AREA EMERGENCY	☐ GENERAL EMERGENCY
4. EAL # _____		Declaration Date: ____/____/____ Time: _____	
		Termination Date: ____/____/____ Time: _____ (mark "N/A" for EAL # & Description)	
EAL DESCRIPTION: _____			
5. RELEASE TO THE ENVIRONMENT (caused by the emergency): ☐ NONE ☐ IS OCCURRING ☐ HAS OCCURRED			
6. PROTECTIVE ACTION RECOMMENDATIONS:			
☐ NONE			
☐ EVACUATE: _____			
☐ SHELTER: _____			
☐ CONSIDER THE USE OF KI (POTASSIUM IODIDE) IN ACCORDANCE WITH ORO PLANS AND POLICIES			
☐ OTHER: _____			

Lines 7-11 are NOT required for INITIAL notifications. Lines 7-11 may be provided separately for follow-up notifications.

7. PROGNOSIS: Upgrade in classification or PAR change is likely before the next follow-up notification ☐ Yes ☐ No

8. SITE UNIT(S) STATUS:

AFFECTED UNIT

☐ YES Unit 1 - _____ % Power Shutdown: Date ____/____/____ Time _____

☐ YES Unit 2 - _____ % Power Shutdown: Date ____/____/____ Time _____

☐ YES Unit 3 - _____ % Power Shutdown: Date ____/____/____ Time _____

9. METEOROLOGICAL DATA:

Wind direction from: _____ degrees Wind Speed: _____ mph Precipitation: _____ inches

Stability Class: ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G

Lines 10 - 11 are completed for follow-up notifications, IF Line 5 IS OCCURRING or HAS OCCURRED is selected

10. AIRBORNE RELEASE CHARACTERIZATION: ☐ GROUND ☐ MIXED ☐ ELEVATED

MAGNITUDE UNITS: ☐ Ci ☐ Ci/sec ☐ µCi/sec

Noble Gases: _____ Iodines: _____ Particulates: _____

11. DOSE PROJECTION: Projection period: _____ Hours Estimated Release Duration _____ Hours

Performed: Date ____/____/____ Time: _____	DISTANCE	TEDE (mrem)	Thyroid CDE (mrem)
	Site Boundary		
	2 Miles		
	5 Miles		
	10 Miles		

12. REMARKS (As Applicable): _____

13. APPROVED BY: _____ TITLE: _____ Date ____/____/____ Time _____

14. NOTIFIED BY: _____ Date ____/____/____ Time _____

15. RECEIVED BY (ORO use only): _____ Date ____/____/____ Time _____

EM-78 / Nuclear Power Facility Emergency Notification Form / March 2016 revision