

Interim Finding Report for Reasonable Assurance

On the Adequacy of Offsite

Radiological Emergency Response Planning

For the

William States Lee III Nuclear Station

Cherokee County, South Carolina

October 16, 2009

Prepared by the
U.S. Department of Homeland Security
Federal Emergency Management Agency
National Preparedness Division
Technological Hazards Division

Region IV

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Executive Summary

On December 13, 2007, Duke Energy submitted a Combined License (RL) Application to the U.S. Nuclear Regulatory Commission to construct and operate William States Lee III Site (WSLS) located in Cherokee County, South Carolina, approximately northeast of Spartanburg, South Carolina. The review of the materials provided with the RL Application resulted in adequate findings for fifteen of the sixteen Planning Standards. One Planning Standard was found to be Not Applicable.

The following materials provided with the RL Application were the basis for the review:

South Carolina

- South Carolina Emergency Operations Plan (March 2007)
- State of South Carolina Operational Radiological Emergency Response Plan (March 2006)
- State of South Carolina Technical Radiological Emergency Response Plan (August 2007)
- South Carolina Emergency Operations Plan Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station (September 2007)
- Radiological Emergency Response Plan Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station (September 2007)
- State of South Carolina Technical Radiological Emergency Response Plan Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station (September 2007)
- Proposed Cherokee County Emergency Operations Plan, Annex Q for William States Lee III Nuclear Station, September 2007
- York County Emergency Operations Plan, Annex Q – Fixed Nuclear Facility, December 2005
- York County Emergency Operations Plan, Annex Q – Fixed Nuclear Facility, Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station, September 2007

North Carolina

State of North Carolina Plan references:

- North Carolina Emergency Operations Plan (NCEOP), September 2003
- North Carolina Radiological Emergency Response Plan (NCRERP), January 2007
- North Carolina Emergency Alert System, June 2005
- North Carolina Division of Emergency Management (NCDEM) Radiological Instrument
- Calibration Guidance, January 2008

- North Carolina Radiation Protection Section (RPS) Standard Operating Procedure (SOP) for Activation of Radiation Protection Personnel of the State Emergency Response Team (SERT), October 2007
- North Carolina Radiation Protection Section (RPS) Field Monitoring Team Procedures
- North Carolina Radiation Protection Section (RPS) Mobile Radiological Laboratory Procedures
- North Carolina Radiation Protection Section (RPS) Dose Assessment Procedures

Cleveland County Plan references:

- Cleveland County Emergency Response Plan for Catawba Nuclear Station, August 2004 (NCRERP, Part 2, Section 4)
- Cleveland County Emergency Response Plan for the Catawba and Lee Nuclear Stations, January 2008 (NCRERP, Part 2, Section 4)

NUREG-0654 FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," amended March 2002, its Supplements, the Interim REP Program Manual (August 2002), and current FEMA guidance documents were considered in making the determination as to the plans' adequacy.

The review of the offsite emergency plans resulted in evaluation findings for all of the planning standards and associated criteria contained in NUREG-0654 FEMA-REP-1, Rev. 1, as amended, that are ORO responsibilities. Each planning standard and criterion was rated as:

- Adequate: Plans are adequate and there is reasonable assurance that they can be implemented with only limited or no corrections needed.
- Adequate – corrections must be made: Plans are adequate but before a determination can be made as to whether they can be implemented, corrections must be made to the plans or supporting measures must be demonstrated (e.g. adequacy and maintenance of procedure, training, resource, staffing levels and qualifications, and equipment).
- Inadequate: Plans are inadequate and cannot be implemented until they are revised to corrected deficiencies noted in the Federal review.
- N/A: The planning standard is not applicable to offsite response organizations.

The initial review resulted in the following interim evaluation findings (ratings for each individual criterion are summarized in Section IV, Criterion Rating Summary):

- Planning Standard A: Adequate
- Planning Standard B: Not Applicable
- Planning Standard C: Adequate
- Planning Standard D: Adequate
- Planning Standard E: Adequate

- Planning Standard F: Adequate
- Planning Standard G: Adequate
- Planning Standard H: Adequate
- Planning Standard I: Adequate
- Planning Standard J: Adequate
- Planning Standard K: Adequate
- Planning Standard L: Adequate
- Planning Standard M: Adequate
- Planning Standard N: Adequate
- Planning Standard O: Adequate
- Planning Standard P: Adequate

Adequacy of the WSLs RL Application Emergency Plan review for OROs is also dependent on:

- Satisfactory resolution of all Pending Items and Requirements for Reasonable Assurance listed in Section III of this report.
- FEMA anticipates that the States of North and South Carolina will seek formal approval of their plans and preparedness under 44 CFR 350 consistent with their actions for the other commercial nuclear power plants within their jurisdictions.
- Satisfactory demonstration of plan implementation during a joint exercise with the licensee and state and local governments and utilizing WSLs Units 1 and 2 facilities.

I. INTRODUCTION

General Characteristics of the William Sate Lee III Nuclear Station

The William States Lee III Nuclear Station (WSLS) is to consist of two Westinghouse Electric Company AP1000 pressurized water reactors. The site is to be located within Cherokee County South Carolina; approximately 35 miles southwest of Charlotte, North Carolina, approximately 25 miles northeast of Spartanburg, South Carolina, and approximately 8 miles southeast of Gaffney, South Carolina.¹

The WSLS proposed plume exposure pathway emergency planning zone (10-mile EPZ) includes Cherokee and York Counties, South Carolina and Cleveland County, North Carolina.

The WSLS proposed ingestion exposure pathway emergency planning zone (50-mile EPZ) includes: Cherokee, Chester, Fairfield, Greenville, Lancaster, Laurens, Newberry, Spartanburg, Union and York Counties, South Carolina and Burke, Cabarrus, Catawba, Cleveland, Gaston, Henderson, Iredell, Lincoln, Union, McDowell, Mecklenburg, Polk, and Rutherford Counties, North Carolina.

Duke Energy is the applicant for the combined license application for the William States Lee III Nuclear Station.

Emergency Response Organizations

State of South Carolina: The South Carolina Emergency Management Division (SCEMD), under the direction of the Governor, and Cherokee, York, Union, and Spartanburg counties will conduct the off-site response to a radiological incident at WSLS. The Governor, through the Director, SCEMD, and the State Emergency Operations Center (SEOC) will exercise direction and control of state emergency operations. The Director, SCEMD, will coordinate all state agencies, departments and local emergency response organizations mobilized pursuant to this plan.

State of North Carolina: The Departments of Crime Control and Public Safety (CCPS) and Environment and Natural Resources (DENR) are the two state agencies that have major responsibility for coordinating off-site response to emergencies resulting from an accident at one of the nuclear power facilities. CCPS has the lead for direction and control, and DENR has the lead for technical assistance and expertise. All State resources deemed necessary, will be made available to support the response mission

¹ Combined License Application Part 1 Administrative and Financial Information William States Lee III Nuclear Station Units 1 and 2, Duke Energy Carolinas, LLC

Plans

The State of South Carolina Operational Radiological Emergency Response Plan (March 2006) provides for the guidance, coordination and utilization of state and other resources in support of affected county government(s) off-site operations during an emergency resulting from a radiological incident at Nuclear Power Facilities in the State or contiguous states. It is written in accordance with the planning standards contained in NUREG-0654, FEMA REP-1, Rev. 1, dated November 1980. The State's Radiological Emergency Response Plan complements and is designed to interface with the South Carolina Emergency Operations Plan.

The State of North Carolina Radiological Emergency Response Plan For Nuclear Power Facilities (January 2007) was developed using the guidelines and information in NUREG-0654/FEMA-REP-1, Rev 1, dated November 1980. This plan is intended to be a mutually supportive emergency response document that identifies resources and responsibilities for an accident at one of the commercial Nuclear Power facilities affecting North Carolina. Part 1 establishes State level procedures Part 2 includes the County plans (Sections 1 – 4) stipulating how the individual counties integrate their emergency response activity with other response jurisdictions and organizations.

South Carolina Offsite Plan Reviews Include:

- South Carolina Emergency Operations Plan (March 2007)
- State of South Carolina Operational Radiological Emergency Response Plan (March 2006)
- State of South Carolina Technical Radiological Emergency Response Plan (August 2007)
- South Carolina Emergency Operations Plan Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station (September 2007)
- Radiological Emergency Response Plan Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station (September 2007)
- State of South Carolina Technical Radiological Emergency Response Plan Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station (September 2007)
- Proposed Cherokee County Emergency Operations Plan, Annex Q for William States Lee III Nuclear Station, September 2007
- York County Emergency Operations Plan, Annex Q – Fixed Nuclear Facility, December 2005
- York County Emergency Operations Plan, Annex Q – Fixed Nuclear Facility, Proposed Revisions Necessary to Incorporate William States Lee III Nuclear Station, September 2007

North Carolina Offsite Plan Reviews Include

State of North Carolina Plan references:

- North Carolina Emergency Operations Plan (NCEOP), September 2003
- North Carolina Radiological Emergency Response Plan (NCRERP), January 2007
- North Carolina Emergency Alert System, June 2005
- North Carolina Division of Emergency Management (NCDEM) Radiological Instrument
- Calibration Guidance, January 2008
- North Carolina Radiation Protection Section (RPS) Standard Operating Procedure (SOP) for Activation of Radiation Protection Personnel of the State Emergency Response Team (SERT), October 2007
- North Carolina Radiation Protection Section (RPS) Field Monitoring Team Procedures
- North Carolina Radiation Protection Section (RPS) Mobile Radiological Laboratory Procedures
- North Carolina Radiation Protection Section (RPS) Dose Assessment Procedures

Cleveland County Plan references:

- Cleveland County Emergency Response Plan for Catawba Nuclear Station, August 2004 (NCRERP, Part 2, Section 4)
- Cleveland County Emergency Response Plan for the Catawba and Lee Nuclear Stations, January 2008 (NCRERP, Part 2, Section 4)

Basis of Findings

Interim Findings in this report are based on the following guidance:

- 44 CFR 353, Appendix A
- Published FEMA REP Regulations and Guidance Documents
- NUREG 0654/FEMA REP-1, Rev.1

Evaluation Format

In accordance with the FEMA/NRC Memorandum of Understanding, dated June 17, 1993, 44 CFR 353, Appendix A, FEMA agreed to furnish assessments, findings and determinations as to whether State, Tribal and local emergency plans and preparedness are adequate and continue to be capable of implementation (e.g., adequacy and maintenance of procedures, training, and resources, staffing levels, qualification and equipment adequacy). These findings and determinations are used by NRC under its own rules in connection with its licensing and regulatory requirements and FEMA supports its findings in the NRC licensing process and related court proceedings 44 CFR 350.3(f)

NUREG-0654/FEMA REP-1, Rev 1 Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants November 1980 is the guidance used to review and develop this Interim Finding Report.

II. Review and Evaluation of Emergency Preparedness Plans for the Proposed William States Lee III Nuclear Station against the Planning Standards of NUREG-0654/FEMA-REP-1, Rev.1

- A. **Assignment of Responsibility (Organization Control):** *Primary responsibilities for emergency response by the nuclear facility licensee, and by State and local organizations within the Emergency Planning Zone have been assigned, the emergency responsibilities of the various supporting organizations have been specifically established, and each principal response organization has staff to respond and to augment its initial response on a continuous basis.*
- A.1.a. *Evaluation Criterion: Each plan shall identify the State, local, Federal and private sector organizations (including utilities), that are intended to be part of the overall response organization for Emergency Planning Zones. (See appendix 5).*

Criterion Statement

State of South Carolina: Plans are adequate. Response organizations are identified in South Carolina Operational Radiological Emergency Response Plan (SCORERP) Section V. Organizational and Assignment of Responsibilities.

Cherokee County: Plans are adequate. The Cherokee County's plan lists the state, federal, county, and other supporting organizations that will provide assistance during an emergency. County and municipal emergency response agencies in concert with local government public service and private support agencies will carry out a variety of actions and activities in support of a radiological emergency.

York County: Plans are adequate. York County's plan lists the state, federal, county, and other supporting organizations that will provide assistance during an emergency. County and municipal emergency response agencies in concert with local government public service and private support agencies will carry out a variety of actions and activities in support of a radiological emergency.

State of North Carolina: Plans are adequate. Response organizations are identified in the NCRERP Section III. A. Principal Response Organizations.

Cleveland County: Plans are adequate. Response organizations are identified in Section III, Organization and Responsibilities and Section VIII. Figure 2.

Plan Reference

State of South Carolina

- SCORERP, Section V; Part 7, Section IV.A
- South Carolina Emergency Operations Plan (SCEOP), Basic Plan and Annex 25,

Attachment A

- South Carolina Technical Radiological Emergency Response Plan (SCTRERP), Section A.III and IV

Cherokee County

- Cherokee County Emergency Operations Plan (EOP), Annex Q for William States Lee III Nuclear Station, September 2007, Section I.D

York County

- York County Emergency Operations Plan (EOP), Annex Q for William States Lee III Nuclear Station, December 2005, Section I.D

State of North Carolina

- NCRERP, Section III.A

Cleveland County

- NCRERP, Part 2, Section 4, Cleveland County Emergency Response Plan for the Catawba and Lee Nuclear Stations (CCERP), Section III and Section VIII. Figure 2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

A.1.b. Evaluation Criterion: Each organization and sub-organization having an operational role shall specify its concept of operations and its relationship to the total effort.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Section IV.A and Part 7, William States Lee III Nuclear Power Station (WSLS), September 2007 Section IV describes the general and specific responsibilities to WSLS of various organizations in their roles. SCTRERP, Section A.III addresses its responsibilities to the emergency response effort.

Cherokee County: Plans are adequate. Cherokee EOP, Annex Q, Section IV describes the general and specific responsibilities to WSLS of various organizations in their roles.

York County: Plans are adequate. In York County Emergency Operations Plan, Annex Q for William States Lee III Nuclear Station, September 2007, Section IV, Execution, Concept of Operations, describes the general and specific responsibilities to WSLS of various organizations in their roles.

State of North Carolina: Plans are adequate. NCRERP Section III.B delineates the concept of operations for all responding entities.

Cleveland County: Plans are adequate. The CCERP, Section III discusses the responsibilities of Federal, State, local and private organizations that have a response role in the event of an accident at WSLs. The concept of operations for all responding entities is delineated.

Plan Reference

State of South Carolina

- SCORERP, Section IV; Section V and Part 7, Section IV
- SCEOP, Basic Plan and Annex 25, Attachment A
- SCTRERP, Section A.III Concept of Operations.

Cherokee County

- Cherokee EOP, Annex Q, Section IV.A

York County

- York EOP, Annex Q, Section IV.A (proposed)

State of North Carolina

- NCRERP, Section III.B.

Cleveland County

- CCERP, Section II, Section III and Section VIII. Figure 2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	
State of North Carolina:	Adequate
Cleveland County:	Adequate

A.1.c. Evaluation Criterion: Each plan shall illustrate these interrelationships in a block diagram.

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP and SCTRERP include a block diagram/organizational chart that show the general relationship within the state as well as with local counties, as applicable.

Cherokee County: Plans are adequate. The proposed revision to the Cherokee EOP including a specific reference to the diagram provided in the SCORERP Site Specific

Plan Part 7, William States Lee III Nuclear Station Figure 4 Organizational Relationships adequately addresses the criterion.

York County: Plans are adequate. The proposed revision to the York EOP including a specific reference to the diagram provided in the SCORERP Site Specific Plan Part 7, William States Lee III Nuclear Station Figure 4 Organizational Relationships adequately addresses the criterion.

State of North Carolina: Plans are adequate. The NCRERP includes a block diagram/organizational chart that shows the general relationship within the state as well as with local counties, as applicable.

Cleveland County: Plans are adequate. The Cleveland County Plan includes a block diagram organizational chart that shows the general relationship within the county.

Plan Reference

State of South Carolina

- SCORERP, Section IX, Figure 1 and Part 7, Figure 4
- SCTRERP, Section A.V

Cherokee County

- Cherokee EOP, Annex Q, Section IV.A

York County

- York EOP, Annex Q, Section IV.A

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

A.1.d. Evaluation Criterion: Each organization shall identify a specific individual by title who shall be in charge of the emergency response.

Criterion Statement

State of South Carolina: Plans are adequate. In the SCORERP Section IV, Concept of Operations, the state's response to an incident at a FNF and coordination with other state, federal and local agencies will be directed by the Governor or his/her designee, normally the Director of SCEMD. SCTRERP says that the NREES Manager is designated by the

Commissioner of SCDHEC as the individual that will be responsible for emergency response under this plan.

Cherokee County: Plans are adequate. The county plan provides an individual by title that will be in charge of the emergency response.

York County: Plans are adequate. The county plan provides an individual by title that will be in charge of the emergency response.

State of North Carolina: Plans are adequate. The RERP states that the Director, North Carolina Division of Emergency Management (NCEM), will be responsible for planning, organizing, directing and supervising emergency operations conducted by the State.

Cleveland County: Plans are adequate. The County Plan identifies the overall responsibility for decision-making within Cleveland County rests with the Cleveland County Commissioners, who have the ultimate responsibility for the protection of life and property within the county.

Plan Reference

State of South Carolina

- SCORERP, Section IV and Part 7, Section IV.A
- SCTRERP, Section A. III

Cherokee County

- Cherokee EOP, Annex Q, Section IV.B

York County

- York EOP, Annex Q, Section IV.B

State of North Carolina

- NCRERP, Section II.B

Cleveland County

- CCERP, Section II.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

A.1.e. Evaluation Criterion: Each organization shall provide for 24-hour per day emergency response, including 24-hour per day manning of communications links.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Section IV.A. states that all radiological emergency response organizations will be prepared to react on a 24-hour basis, and will be capable of continuous operations for a protracted period. Section V states that the Emergency Management Division is responsible to provide 24- notification system and to establish and direct the SEOC on a 24-hour basis.

Cherokee county: Plans are adequate. The Cherokee County Emergency Operations Plan Section IV states local government will maintain a permanent 24-hour communication link and a capability to respond on a continuous 24-hour basis.

York County: Plans are adequate. The York County Emergency Operations Plan Section IV states local government will maintain a permanent 24-hour communication link and a capability to respond on a continuous 24-hour basis..

State of North Carolina: Plans are adequate. NCRERP, Section II.B, Operations, states that the SERT agencies will be represented in the EOC on a 24-hour basis. Emergency communication links among state, local, and federal agencies and between state governments and 10-mile EPZ unclear plant utilities are staffed 24 hours a day. Section III.B states the Division of Emergency Management operates the State EOC Communications Center on a 24-hour basis. The State Highway Patrol operates the State Warning Point on a 24-hour basis.

Cleveland County: Plans are adequate. Proposed plan revisions describe the maintenance of personnel rosters specifying key names, and positions, or titles for a one-for-one replacement of personnel responsible for maintaining the 24-communications links.

Plan Reference

State of South Carolina

- SCORERP, Section IV.A; Section V.4.A and Part 7, Section IV.B.10
- SCEOP, Basic Plan, Section III.E and Annex 25, Attachment A
- STRERP, Section A.III.D and B.II

Cherokee County

- Cherokee EOP, Section IV.C.3 and 5 and D.3.

York County

- York EOP, Annex Q, Section IV.C.5 and D.3

State of North Carolina

- NCRERP, Section II.B; Section III.B; Section V and Section VI

Cleveland County

- CCERP, Section II.E and G; and Section VI

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- A.2.a. *Evaluation Criterion: Each organization shall specify the functions and responsibilities for major elements and key individuals by title, of emergency response, including the following: Command and Control, Alerting and Notification, Communications, Public Information, Accident Assessment, Public Health and Sanitation, Social Services, Fire and Rescue, Traffic Control, Emergency Medical Services, Law Enforcement, Transportation, Protective Response (including authority to request Federal assistance and to initiate other protective actions), and Radiological Exposure Control. The description of these functions shall include a clear and concise summary such as a table of primary and support responsibilities using the agency as one axis, and the function as the other. (See Section B for licensee).*

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP and SCTRERP describe the specific functions and responsibilities by title of state agencies involved.

Cherokee County: Plans are adequate. The Cherokee EOP describes the specific functions and responsibilities by title of the local agencies involved.

York County: Plans are adequate. The York EOP describes the specific functions and responsibilities by title of the local agencies involved.

State of North Carolina: The Plans are adequate. NCRERP Section III describes the specific functions and responsibilities by title of the local and state agencies. For example, functions included alert and notification, EOC, evacuation, transportation, traffic management, law enforcement, radiological monitoring/exposure control, decontamination, medical, joint information center, communications, ingestion exposure pathway, and post-accident recovery.

Cleveland County: The Plans are adequate. The CCERP identifies the specific functions and responsibilities by title of the local responders and agencies.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B; Appendix 2 and Part 7 Section IV.B

- SCTRERP Section A. III., IV., V.
Cherokee County
- Cherokee EOP, Appendix 1, Responsibility Summary Table
York County
- York EOP, Appendix 1 Responsibility Summary Table
State of North Carolina
- NCRERP, Section IV and Section VIII, Figure 4
Cleveland County
- CCERP, Section III; Section IV and Section VIII, Figures 2 and 3

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

A.2.b. Evaluation Criterion: Each plan shall contain (by reference to specific acts, codes or statutes) the legal basis for such authorities.

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP and SCTRERP references the authorities.

Cherokee County: Plans are adequate. The Cherokee County EOP references the authorities.

York County: Plans are adequate. The York County EOP references the authorities.

State of North Carolina: Plans are Adequate. The NCRERP lists legal authorities.

Cleveland County: Plans are Adequate. CCERP, Attachment 1 lists the following authority: Chapter 166A of the North Carolina General Statutes and the Emergency Management Ordinance of Cleveland County which are necessary to execute the Cleveland County Emergency Response Plan.

Plan Reference

State of South Carolina

- SCORERP, Section IX.A; Appendix 10.II and Part 7, Section III.B.3
- SCEOP, Basic Plan and Annex 25, Attachment A.1
- STRERP, Section A.II

Cherokee County

- Cherokee EOP, Appendix 1, Responsibility Summary Table
York County
- York EOP, Appendix 1, Responsibility Summary Table
State of North Carolina
- NCRERP, Attachment 1
Cleveland County Plan references:
- CCERP, Section III and Section VIII, Figures 2 and 3

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- A.3. *Evaluation Criterion: Each plan shall include written agreements referring to the concept of operations developed between Federal, State, and local agencies and other support organizations having an emergency response role within the Emergency Planning Zones. The agreements shall identify the emergency measures to be provided and the mutually acceptable criteria for their implementation, and specify the arrangements for exchange of information. These agreements may be provided in an appendix to the plan or the plan itself may contain descriptions of these matters and a signature page in the plan may serve to verify the agreements. The signature page format is appropriate for organizations where response functions are covered by laws, regulations or executive orders where separate written agreements are not necessary.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section IX, Appendix 6, 7, and 10 contains the letters of agreement for North and South Carolina (Appendix 6), Georgia and South Carolina (Appendix 7), and MOU between SCEMD, SCDHEC and Duke Energy Corporation (Appendix 10). Other letters of agreements with intergovernmental or private sector providers (including Duke Energy) that address agreed roles of response functions that relate to WSLS will be developed and executed by January 2014.

Cherokee County: Plans are adequate. Cherokee County EOP, Annex Q for WSL III Nuclear Station Appendix 7 references only the Statewide Mutual Aid Agreement on file at the Cherokee County Emergency Management Agency. Other letters of agreements with intergovernmental or private sector providers that address agreed roles of response functions that relate to the Lee III Nuclear Station will be developed and executed by January 2014.

York County: Plans are adequate. York County EOP, Annex Q for WSL III Nuclear Station Appendix 7 references only the Statewide Mutual Aid Agreement on file at the Office of Emergency Management. Other letters of agreements with intergovernmental or private sector providers that address agreed roles of response functions that relate to the Lee III Nuclear Station will be developed and executed by January 2014.

State of North Carolina: Plans are adequate. The NCRERP Attachment 1 Authorities and References, list agreements maintained on file in the NC Division of Emergency Management office that relate to the Lee III Nuclear Station. The agreements were viewed by FEMA Region IV REP staff.

Cleveland County: Plans are adequate. CCERP, Attachment 1 references agreements between Cleveland County and other government and private entities. Other letters of agreements with intergovernmental or private sector providers that address agreed roles of response functions that relate to the Lee III Nuclear Station will be developed and executed by January 2014.

Plan Reference

State of South Carolina

- SCORERP, Section IX, Appendices 6, 7 and 10 and Annex
- STRERP, Section A.II

Cherokee County

- Cherokee EOP, Annex Q, Appendix 7.

York County

- York EOP, Annex Q, Appendix 7.

State of North Carolina

- NCRERP, Attachment 1

Cleveland County

- CRERP, Attachment 1

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- A.4. *Evaluation Criterion: Each principal organization shall be capable of continuous (24-hour) operations for a protracted period. The individual in the principal organization who will be responsible for assuring continuity of resources (technical, administrative, and material) shall be specified by title.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section IV.A and SCEOP Annex 25 Section III.A state: "Under the Governor's direction, the total and combined efforts of state and local governments will be utilized to mitigate the effects of off-site radiological hazards resulting from an FNF accident. All radiological emergency response organizations will be prepared to react on a 24-hour basis, and will be capable of continuous operations for a protracted period.

Cherokee County: Plans are adequate. The proposed revision to Annex Q of the Cherokee EOP identifies the Cherokee county Emergency Management Director as the person responsible for continuity of operations. Adoption of this revision is scheduled to occur by January, 2014.

York County: Plans are adequate. The York County Emergency Management Director will coordinate all county agencies, departments, and local emergency response organizations mobilized pursuant to this plan. All radiological emergency response organizations will be prepared to react on a 24-hour basis, and will be capable of continuous operations for a protracted period.

State of North Carolina: Plans are adequate. NCRERP, Section II.B describes continuous operations, the Director, North Carolina Division of Emergency Management (NCEM), is responsible for planning, organizing, directing and supervising emergency operations conducted by the State.

Cleveland County: Plans are adequate. The Cleveland County plan references specific supervisors for each department who are responsible for providing personnel, equipment, and facilities on a 24-hour basis. Section III.E, identifies the Cleveland County Emergency Management Coordinator as the individual who is responsible for assuring continuity of resources.

Plan Reference

State of South Carolina :

- SCORERP Section IV.A.1
- SCEOP Annex 25 Section III.A
- STRERP, Section C.IX

Cherokee County

- Cherokee EOP, Annex Q for WSL III Nuclear Station

York County Plan references:

- York County EOP, Annex Q for WSL III Nuclear Station.
- Catawba Response Activity Procedures 2008, Section IV.A

State of North Carolina

- NCRERP, Section II.B

Cleveland County

- CCERP, Section III.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- B. Onsite Emergency Organization:** *On-Shift facility licenses responsibility for emergency response are unambiguously defined, adequate staffing to provide initial facility accident response in key functional areas is maintained at all times, timely augmentation of response capabilities is available and the interfaces among various onsite response activities and offsite support and response activities are specified.*
- B. Evaluation: N/A: there are no assigned offsite responsibilities for this planning standard.*
- C. Emergency Response Support and Resources:** *Arrangements for requesting and effectively using assistance resources have been made, arrangements to accommodate State and local staff at the Licensee's near-site Emergency Operations Facility have been made, and other organizations capable of augmenting the planned response have been identified.*
- C.1 The Federal government maintains in-depth capability to assist licensees, States and local governments through the Federal Radiological Emergency Response Plan (FRERP), May 8, 1996 (61 FR 20944)*. Each State and licensee shall make provisions for incorporating the Federal response capability into its operation plan, including the following:*
- *The FRERP was superseded by the National Response Framework, Nuclear/Radiological Incident Annex (73 FR 4887).*
- C.1.a. Evaluation Criterion: specific persons by title authorized to request Federal assistance; see A.1.d., and A.2.a.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP V.A.4 (a) (5) Coordination responsibility for offsite federal response states that the Emergency Management Division is responsible for coordinating off-site Federal support. SCTRERP Section, IV states that the SCDHEC will request Federal aid

Cherokee County: Not Applicable

York County: Not Applicable

State of North Carolina: Plans are adequate. NCRERP Section V.A.1.ii states that the Director NCEM or designee is authorized to request Federal assistance.

Cleveland County: Not Applicable

Plan Reference

- SCORERP, Section V.A.4 (a) (5) and IX, Figure 1
 - SCTRERP, Section IV
- State of North Carolina
- NCRERP, Section V.A

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

C.1.b. Evaluation Criterion: specific Federal resources expected, including expected times of arrival at specific nuclear facility sites.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Annex H, Interstate and Federal Agency Response Support, list the Federal resources that could be expected and their roles in providing assistance. SCTRERP Section C.X.B, states that highway travel times from the Savannah River Site (SRS) are on page C-13 SCTRERP Section C.XIII provides a map of SRS response times.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. NCRERP, Section V.A.1 includes references to Federal support and a list of the most likely Federal resources that would be requested from the Department of Energy's Savannah River Site. The NCEM maintains documentation on file regarding federal support that was reviewed by FEMA Region IV.

Cleveland County:

Not Applicable

Plan Reference

State of South Carolina

- SCORERP Annex H
- STRERP, Section C.X and XIII

State of North Carolina

- NCRERP, Section V.A

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Not Applicable

York County:

Not Applicable

State of North Carolina:

Adequate

Cleveland County:

Not Applicable

C.1.c. Evaluation Criterion: specific licensee, State and local resources available to support the Federal response, e.g., airfields, command posts, telephone lines, radio frequencies and telecommunications centers.

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP, Annex H, states that information on State and local resources to support the Federal response will be readily available through the appropriate government and will be identified at the time the Federal response is required.

Cherokee County: Plans are adequate. Cherokee County EOP Annex Q, VI.A, Direction and Control, specifies that space will be provided at the EOC for federal liaison personnel as well as providing the capabilities and location of the nearest airports. Cherokee County EOP Annex Q, VI.B.1, Communications, provides a listing of the communications that would be used for emergencies

York County: Plans are adequate. York County EOP Annex Q, VI.A, Direction and Control, specifies that space will be provided at the EOC for federal liaison personnel as well as providing the capabilities and location of the nearest airports. York County EOP Annex Q, VI.B.1, Communications, provides a listing of the communications that would be used for emergencies.

State of North Carolina: Plans are adequate. The Plan references documentation maintained on file with the North Carolina Department of Emergency Management that

includes information on the location and capabilities of nearby airports and other local resources.

Cleveland County: Plans are adequate. Cleveland County Plan Section V.A states that Cleveland County will support the Federal response with local resources as available.

Plan Reference

State of South Carolina

- SCORERP Annex H

Cherokee County

- Cherokee EOP, Annex Q, Section VI.A and B.1

York County

- York EOP, Annex Q, VIA and VI B. 1

State of North Carolina

- NCRERP, Section VI.D

Cleveland County

- CCERP, Section V.A

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

C.2.a. Evaluation Criterion: Each principal offsite organization may dispatch representatives to the licensee's near site Emergency Operations Facility. (State technical analysis representatives at the near site EOF are preferred.)

Criterion Statement

State of South Carolina: Plans are adequate. SCEMD and SCDHEC plan to send a representative to the EOF.

Cherokee County: Plans are adequate. Cherokee County may send a representative to the EOF

York County: Plans are adequate. Cherokee County may send a representative to the EOF

State of North Carolina: Plans are adequate. The NCRERP, Section V.A.4 states that the SERT leader will designate a SERT member to serve as the State's representative at the Emergency Operations Facility for the effected utility.

Cleveland County: **Not applicable**

Plan Reference

State of South Carolina

- SCORERP Part 5 Section IV.B.2.
- SCTRERP, Section C.VIII.16

Cherokee County

- Cherokee EOP, Annex Q, Section VI.A.5

York County

- York EOP, Annex Q, Section VI.A.6

State of North Carolina

- NCRERP, Section V.A

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- C.3. *Evaluation Criterion: Each organization shall identify radiological laboratories and their general capabilities and expected availability to provide radiological monitoring and analyses services which can be used in an emergency.*

Criterion Statement

State of South Carolina: Plans are adequate. STRERP Section B.IV.D states that SCDHEC maintains a Mobile Radiological Laboratory (MRL) equipped with emergency response supplies and instrumentation. The MRL can be dispatched to an accident site to perform field sample analyses and radiological monitoring. The MRL is equipped with radio communications on the statewide SCDHEC network, and the capability of SCDHEC/MRL to detect and measure radio-iodine concentrations and other radionuclides in the environment is described in Appendix II of this plan. Appendix II states that: Environmental samples will be transported to the Radiological Laboratory in Columbia, or to the Mobile Radiological Laboratory deployed in the field, at the discretion of the Nuclear Response and Emergency Environmental Surveillance Field Director or Environmental Surveillance Coordinator.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. The NCRERP, Section V.A.3 refers to Section VIII, Figure 10 for a List of laboratories. The NCRERP, Section III.B.ii.a.(1).(i), Responsibilities Division of Environmental Health, Radiation Protection Section (RPS) states that the RPS is responsible for arranging with public agencies to provide back-up support for monitoring and laboratory analysis.

Cleveland County: **Not Applicable**

Plan Reference

State of South Carolina

- STRERP, Section B.IV.D

State of North Carolina

- NCRERP, Section III.B; V.A; and VIII, Figure 10 Radiological Laboratory Support

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- C.4. *Evaluation Criterion: Each organization shall identify nuclear and other facilities, organizations or individuals which can be relied upon in an emergency to provide assistance. Such assistance shall be identified and supported by appropriate letters of agreement.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP reference letters of agreements to support a state response to the other operating fixed nuclear facilities in South Carolina. Emergency response support from private sector entities are contractual and will be reviewed prior to the qualifying exercise.

Cherokee County: Plans are adequate. Emergency response support from private sector entities are contractual and will be reviewed prior to the qualifying exercise.

York County: Plans are adequate Emergency response support from private sector entities are contractual and will be reviewed prior to the qualifying exercise.

State of North Carolina: Plans are adequate. NCRERP, Section V.A.2 states that personnel and other resources will be made available by universities, utilities, and private industry in accordance with letters of agreement on file and reviewed at the RPS office.

Cleveland County: Plans are adequate. CCERP, Section IV, Attachment 1.B states that the following agreements are maintained: the Emergency Management Ordinance for Cleveland County, the Cleveland County Mutual Aid Agreement with the American Red Cross, and the NC State Wide Mutual Aid Agreement. Copies of the agreements will be reviewed prior to the qualifying exercise.

Plan Reference

State of South Carolina RERP references

- SCORERP, Section V.A.4.(a) (18); V.A.4.(k) (17); V.D.8 and 9; Annex E.III.B; Annex E, Appendix 3, Section II and Part 7, Annex c, Appendix 2
- SCTRERP, Section B.XI

Cherokee County

- Cherokee EOP, Annex Q, Section IV.T.6 and Appendix 7

York County

- York EOP, Annex Q, Section IV.T.6 and Appendix 7

State of North Carolina

- NCRERP, Section V.A.2

Cleveland County Plan references:

- CCERP, Section 4, Attachment 1.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- D. Emergency Classification System:** *A standard emergency classification and action level scheme, the bases of which include facility system and effluent parameters, is in use by the nuclear facility licensee, and State and local response plans call for reliance on information provided by the facility licensees for determinations of minimum initial offsite response measures.*
- D.3. Evaluation Criterion:** *Each State and local organization shall establish an emergency classification and emergency action level scheme consistent with that established by the facility licensee.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section IV.A.2, categorizes radiological accidents one of the four Emergency Classification Level (ECL) Notification of Unusual Event (NOUE), Alert, Site Area Emergency (SAE), and General Emergency (GE). The ECL level determines the degree of licensee, State, and local response. Appendix 3 SCORERP Emergency Classification Levels outlines the licensee actions, State actions, and local actions by ECL. STRERP, Section B – Implementation Plan III Emergency Classification and Response, states that incidents will be classified according to the ECL and that actions taken by the NREES/SCDHEC will be based on the ECLs.

Cherokee County: Plans are adequate. The Cherokee EOP, Annex Q, Section IV Execution D Notification Communication states that based on the listed ECLs, local government and State Radiological Response forces will respond on a continuous 24-hour basis.

York County: Plans are adequate. The York EOP, Annex Q, Section IV Execution D Notification Communication, states that based on the listed ECLs, local government and State Radiological Response forces will respond on a continuous 24-hour basis.

State of North Carolina: Plans are adequate. NCRERP, Section IV.A adopts the four level ECL and action level scheme based on NUREG-0654, Examples of Protective Response Actions for each ECL is illustrated in Section VIII, Figure 8.

Cleveland County: Plans are adequate. CCERP, Section IV describes the four ECLs, transmission of ECL messages from WSLs, and makes reference to NCRERP, Section VIII, Figure 8 which provides examples of protective response actions.

Plan Reference

State of South Carolina

- SCORERP, Section IV.A.2.; and Appendix 3 Emergency Classification Levels.
- STRERP, Section B.III

Cherokee County

- Cherokee EOP, Annex Q, Section IV.D and Appendix 3.

York County

- York EOP, Annex Q, Section IV.D and Appendix 3.

State of North Carolina

- NCRERP, Section IV.A and Section VIII, Figure 8

Cleveland County Plan references:

- CCERP, Section IV.A

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- D.4. Evaluation Criterion: Each State and local organization should have procedures in place that provide for emergency actions to be taken which are consistent with the emergency actions recommended by the nuclear facility licensee, taking into account local offsite conditions that exist at the time of the emergency.*

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP Appendix 3 outlines the licensee protective actions, State actions, and local actions by ECL. STRERP, Section B.III Emergency Classification and Response and Section C – Emergency Response Procedures V. NOUE, VI. Alert. VII. Site Area Emergency and VIII. General Emergency lists the SCDHEC/NREES actions to be taken at the different ECLs.

Cherokee County: Plans are adequate. The Cherokee County Emergency Operations Plan, Annex Q for William States Lee III Nuclear Station, Section IV .C. Warning provided the warning protocols at the different ECLs, and Section L. Protection Response references that the county will implement protective actions (sheltering, evacuation) as recommended by SCDHEC, and ordered by the Governor of the State.

York County: Plans are adequate. The York County Emergency Operations Plan, Annex Q for William States Lee III Nuclear Station, Section IV .C. Warning provided the warning protocols at the different ECLs. L. Protection Response references that the county will implement protective actions (sheltering, evacuation) as recommended by SCDHEC, and ordered by the Governor of the State.

The State of North Carolina: Plans are adequate. NCRERP, Section VIII, Figure 8 provides examples of expected State/SERT, local government and licensee actions for each ECL.

Cleveland County: Plans are adequate. CCERP, Section VIII, Figure 4 provides protective response actions by ECL.

Plan Reference

State of South Carolina:

- SCORERP Appendix 3, Emergency Classification Levels.
- STRERP, Section B.III and Section C.V, VI,VII and VIII

Cherokee County

- Cherokee EOP, Section IV.C and L; Appendix 9 and Attachment A
York County
- York EOP, Annex Q, Section IV. C and L; Appendix 9 and Attachment A
State of North Carolina
- NCRERP, Section VIII, Figure 8
Cleveland County
- CCERP Section VIII, Figure 4

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- E. Notification Methods and Procedures:** *Procedures have been established for notification, by the licensee of State and local response organizations and for notification of emergency personnel by all response organizations; the content of initial and follow-up messages to response organizations and the public has been established; and means to provide early notification and clear instruction to the populace within the plume exposure pathway Emergency Planning Zone have been established.*

- E.1. Evaluation Criterion:** *Each organization shall establish procedures which describe mutually agreeable bases for notification of response organizations consistent with the emergency classification and action level scheme set forth in Appendix 1. These procedures shall include means for verification of messages. The specific details of verification need not be included in the plan.*

Criterion Statement

State of South Carolina: Plans are adequate. Initial notification of a radiological event will be received by the State Warning Points. The Emergency Classification Level (ECL) will determine the degree of state and local responses as outlined by each respective organization's plan. As part of the notification process the Emergency Notification Form will be completed and information verified per written procedures for each ECL. Specific details of the verification process are included in plan documents.

Cherokee County: Plans are adequate. In the event that an incident occurs at WSLs, requiring a declaration of an ECL, Cherokee County will be initially alerted by the Lee Nuclear Station using the selective signaling phone system. The SCEMD will confirm the receipt of the message. This confirmation will be made to the County EOC by the SCEMD.

York County: Plans are adequate. In the event that an incident occurs at Catawba Nuclear Station (CNS) or WSLs, requiring a declaration of an ECL, York County will be initially alerted by the CNS or WSLs using the selective signaling phone system. The SCEMD will confirm the receipt of the message. This confirmation will be made to the County EOC by the SCEMD.

State of North Carolina: Plans are adequate. Initial notification of a radiological event will be received by the State Warning Points. The ECL will determine the degree of state and local responses as out-lined by each respective organizations plan. As part of the notification process the Emergency Notification Form will be completed and information verified per written procedures for each ECL. Specific details of the verification process are included in plan documents.

Cleveland County: Plans are adequate. The primary means of transmitting the initial and follow-up notification of any one of the four classes of an emergency at WSLs is from the WSLs control room to the State EOC and Cleveland County Warning Point using the Selective Signaling System.

Plan Reference:

State of South Carolina

- SCORERP, Section IV.A, IV.B, V.A, V.E, and Appendix 3, Annex A
- SCEOP, Basic Plan, Section V.A, V.D, and V.G
- SCTRERP, Section A.IV.A, B.I, B.II, B.III, C.V, C.VI, C.VII, C.VIII, C.X.A, C.X.B, C.XI.A, C.XI.B, C.XI.C
- Nuclear Response and Emergency Environmental Surveillance (NREES) Standard Operating Procedures (SOP), Section 1; 2; 3 and Appendix I

Cherokee County

- Cherokee EOP, Annex Q, Section IV.C.2.a; IV.C.3; IV.C.6; Section IV.D; and Attachment A

York County

- Annex Q, Section IV.C.2.a; IV.C.3; IV.C.6; IV.D; and Attachment A

State of North Carolina

- NCRERP, Section II.B; Section IV.B, C and E; Section VIII, Figures 2 and 8 and Annex F
- NCEOP, Section I.B and Annex B, Appendix 8

Cleveland County

- CCERP, Section II.A; Section IV.A and B and Section VIII Figures 2 and 8

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- E.2. Evaluation Criterion: Each organization shall establish procedures for alerting, notifying, and mobilizing emergency response personnel.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Annex 2 outlines the procedures for alerting, notifying and mobilizing emergency response personnel. It provides for initial notification from the FNF, notification of DHEC and SCEMD personnel and other organizations.

Cherokee County: Plans are adequate. If a problem develops or accident occurs at the WSLs, WSLs personnel will notify the Cherokee County Emergency Management Agency within 15 minutes of the event being declared. This notification is made via a dedicated, secure communication system known as selective signal. Cherokee County notifies and activates its emergency response personnel based on the ECL.

York County: Plans are adequate. If a problem develops or accident occurs at WSLs, WSLs personnel will notify the York County Emergency Management Agency within 15 minutes of the event being declared. This notification is made via a dedicated, secure communication system known as selective signal. York County notifies and activates its emergency response personnel based on the ECL.

State of North Carolina: Plans are adequate. NCRERP Sections IV.D and E indicate the process and procedure for notifying both State and local response personnel.

Cleveland County: Plans are adequate. Section VIII Figure 4 provides classification description for each of the four levels and Local actions. The ECL will determine whether staff members on the Key Alert Lists will be required to remain on standby or report to a facility.

Plan Reference

State of South Carolina

- SCORERP, Annex 2

Cherokee County

- Cherokee EOP, Annex Q, Section IV and Attachment A

York County

- York EOP, Annex Q, Section IV and Attachment A
State of North Carolina
- NCEOP, Section I.B
- NCRERP, Section IV.D and E; Section VI.I and Section VIII, Figures 2 and 8
Cleveland County
- CCERP, Section IV.B; Section VI.A and D; and Section 8, Figure 4 and 5

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- E.5. Evaluation Criterion: State and local government organizations shall establish a system for disseminating to the public appropriate information contained in the initial and followup messages received from the licensee including the appropriate notification to appropriate broadcast media, e.g., the Emergency Alert System (EAS) (59 FR 67090).*

Criterion Statement

State of South Carolina: Plans are adequate. If an incident occurs at WSLs, the primary means of initial public notification will be through the National Weather Service (NWS). Local radio and television stations monitoring NWS will also broadcast information throughout the area. These stations are listed in Part 7, Annex A. Broadcast intervals for official information statements will be every 15 minutes unless otherwise directed.

Cherokee County: Plans are adequate. County responsibility is to activate the outdoor warning sirens. The State with concurrence from the counties issues the appropriate public notification messages.

York County: Plans are adequate. County responsibility is to activate the outdoor warning sirens. The State with concurrence from the counties issues the appropriate public notification messages.

State of North Carolina: Plans are adequate. The system consists of County Warning Points located in each of the Risk Counties surrounding the individual sites; Fixed sirens in the 10-mile EPZ.; Emergency service vehicles, equipped with sirens and public address (PA) systems, operated by emergency service organizations and law enforcement

agencies of the risk counties involved; and The National Weather Service (NWS) Alert System (EAS and Tone Alert Radio) serving the area included in the EPZ.

Cleveland County: Plans are adequate. The primary means of disseminating information to the public will be broadcast radio, television, and cable vision. Cleveland County EAS Stations are in the Charlotte Operational Area. The Local Primary-1 (LP-1) station for the Charlotte Area is WLNK-FM.107.9. The secondary means of communications to the public is the National Weather Service (NWS) radio station (NOAA), in Greer, S.C.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B; Annex C III.C; Annex C, Appendix 1 and 2 and Part 7, Annex A; and Annex A, Appendix 1.
- SCEOP – Section V.D
- STRERP, Section B.VIII

Cherokee County

- Annex Q, Section IV.C and E

York County

- Annex Q, Section IV.C and E

State of North Carolina

- NCRERP, Annex C and Annex D
- NCEOP, Section III.B.2 and Annex A, Appendix 1
- NC Emergency Alert System Plan, Section V and Appendix D

Cleveland County

- CCERP, Section IV.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- E.6. *Evaluation Criterion: Each organization shall establish administrative and physical means, and the time required for notifying and providing prompt instructions to the public within the plume exposure pathway Emergency Planning Zone. (See Appendix 3.) It shall be the licensee's responsibility to demonstrate that such means exist, regardless of who implements this requirement. It shall be the responsibility of the State and local governments to activate such a system.*

Criterion Statement

State of South Carolina: Plans are adequate. South Carolina will alert and notify the public using a siren system that Duke Energy plans to install within the WSLs 10-mile EPZ and broadcast EAS messages through the National Weather Service, located in Greer South Carolina. Local law enforcement will provide backup route alerting in case of siren failure. This system should be completed by January 2015.

Cherokee County: Plans are adequate. Cherokee County will alert and notify the public using a siren system that Duke Energy plans to install within the WSLs 10-mile EPZ and broadcast EAS messages through the National Weather Service, located in Greer South Carolina. Local law enforcement will provide backup route alerting in case of siren failure. This system should be completed by January 2015.

York County: Plans are adequate. York County will alert and notify the public using a siren system that Duke Energy plans to install within the WSLs 10-mile EPZ and broadcast EAS messages through the National Weather Service, located in Greer South Carolina. Local law enforcement will provide backup route alerting in case of siren failure. This system should be completed by January 2015.

State of North Carolina: Plans are adequate. North Carolina will alert and notify the public using a siren system that Duke Energy plans to install within the WSLs 10-mile EPZ and broadcast EAS messages through local radio and television. Local emergency responders will provide backup route alerting in case of siren failure. This system should be completed by January 2015.

Cleveland County: Plans are adequate. Cleveland County will alert and notify the public using a siren system that Duke Energy plans to install within the WSLs 10-mile EPZ and broadcast EAS messages through local radio and television. Local emergency responders will provide backup route alerting in case of siren failure. This system should be completed by January 2015.

Plan Reference

State of South Carolina

- SCORERP, Annex C, Section D; Part 7 Section IV.B, Annex A.I, III.A,B and Appendix 1

Cherokee County

- Cherokee EOP, Annex Q IV.C and Attachment A

York County

- York EOP, Annex Q IV.C and Attachment A

State of North Carolina

- NCRERP, Annex C I.A, II and III
- State of North Carolina Emergency Alert System Plans

Cleveland County

- CCERP, Section IV.B.1, 2 and 4

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- E.7. *Evaluation Criterion: Each organization shall provide written messages intended for the public, consistent with the licensee's classification scheme. In particular, draft messages to the public giving instructions with regard to specific protective actions to be taken by occupants of affected areas shall be prepared and included as part of the State and local plans. Such messages should include the appropriate aspects of sheltering, ad hoc respiratory protection, e.g., handkerchief over mouth, thyroid blocking or evacuation. The role of the licensee is to provide supporting information for the messages. For ad hoc respiratory protection see "Respiratory Protective Devices Manual" American Industrial Hygiene Association, 1963, pp. 123–126.*

Criterion Statement

State of South Carolina: Plans are adequate. Sample EAS messages are found in Annex C, Appendix 2. To ensure public understanding of emergency protective action instructions, the SCEMD Public Information Officer will publish and transmit, immediately upon completion of EAS message broadcast, a follow-on emergency news release to participating media stations and the South Carolina Educational Television Network (SCETV) that will contain familiar landmark descriptions of all zones where protective actions are required. Descriptions of familiar landmarks throughout each 10-mile EPZ protective action zone are contained in Parts 1 through 7, this plan.

Cherokee County: Plans are adequate. Public Information content refers to Annex C of the SCORERP. Annex C contains all pre-scripted EAS messages and News Releases. SCEMD is responsible for broadcasting all EAS messages.

York County: Plans are adequate. Public Information content refers to Annex C of the SCORERP. Annex C contains all pre-scripted EAS messages and News Releases. SCEMD is responsible for broadcasting all EAS messages.

State of North Carolina: Plans are adequate. As noted in Annex E, Appendix 7, the appropriate Emergency Notification Message will be selected from those in Appendix 7 for broadcast. Sample EAS messages contain all necessary elements.

Cleveland County: Plans are adequate. Cleveland County will rely on information and recommendations provided by the State for determination of off-site response measures. When public notification has been recommended by Cleveland County Board of Commissioners, their designee, or ordered by SERT, after the State has assumed command and control, County emergency personnel will immediately implement the necessary means at their disposal to alert and instruct area residents. EAS messages and follow up instructional information will be coordinated with the State as contained in NCRERP Annex E, Appendix 7.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B; VI; Part 7 Section IV.B, Annex C, Appendix 2 and Appendix 3
- SCEOP, Section I.C.2
- STRERP, Section B.VIII

Cherokee County

- Cherokee EOP, Annex Q, Section IV.E and Attachment A

York County

- York EOP, Annex Q, Section IV.E and Attachment A

State of North Carolina

- NCRERP; WSLs modifications; Basic Plan, Section IV.G.2 and L; Annex D; Annex E, Appendix 2 and Appendix 7.

Cleveland County Plan references:

- CCERP, Section IV.A, B and D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

F. Emergency Communications: *Provisions exist for prompt communications among principal response organizations to emergency personnel and to the public.*

F.1 *The communication plans for emergencies shall include organizational titles and alternates for both ends of the communication links. Each organization shall establish reliable primary and backup means of communication for licensees, local, and State response organizations. Such systems should be selected to be compatible with one another. Each plan shall include:*

F.1.a. Evaluation Criterion: provision for 24-hour per day notification to and activation of the State/local emergency response network; and at a minimum, a telephone link and alternate, including 24-hour per day manning of communications links that initiate emergency response actions.

Criterion Statement:

State of South Carolina: Plans are adequate. SCORERP, Basic Plan Section V. lists the communication methods to warn of threatening conditions. These include: 24-hour radio, special telephone National Warning System (NAWAS) capability, and operation of the Emergency Alert System (EAS). State assistance under this function consists of the utilization of equipment and personnel essential to coordinate and disseminate information before and during an impending or actual disaster situation. The State Warning Point is located at the South Carolina Emergency Management Division. This location serves as the primary Warning Point for all incidents. The Department of Public Safety Telecommunications Center, Wilson Boulevard, Blythewood, SC, serves as the Alternate Warning Point for fixed nuclear facility incidents

Cherokee County: Plans are adequate. Cherokee EOP, Annex Q, Section IV.C.6, 7, 8, and 9. These subsections state that in the event that an incident occurs at WSLs, requiring a declaration of an ECL, the County will be initially alerted by WSLs using the selective signaling phone system. Contact between the County EOC and the SEOC will be on a permanent 24-hour a day basis.

York County: Plans are adequate. York EOP, Annex Q, Section IV.C.6, 7, 8, and 9. These subsections state that in the event that an incident occurs at WSLs, requiring a declaration of an ECL, the County will be initially alerted by WSLs using the selective signaling phone system. Contact between the County EOC and the SEOC will be on a permanent 24-hour a day basis.

State of North Carolina: Plans are adequate. NCRERP, Section II.B states that emergency communication links among State, local, and Federal agencies, and between State government and 10-mile EPZ nuclear plant utilities are staffed 24 hours a day. The following emergency response facilities are staffed 24 hours a day; The State and County Warning Points, State Emergency Operations Center, Communications Center, and the National Weather Service Forecast Office(s) for North Carolina.

Cleveland County: Plans are adequate. CCERP, Section VI. B states the following emergency response facilities are staffed 24 hours a day; The State and County Warning Points, State Emergency Operations Center, Communications Center, and the National Weather Service Forecast Office(s) for North Carolina.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B.10; V. A.4a7; and Part 7, Section IV.B.10.
- SCEOP, Section V and Annex 2
- STRERP, Section B.III and XIV; Section C.XI and XII

Cherokee County:

- Cherokee EOP, Annex Q, Section IV.C.6, 7, 8, and 9.

York County:

- York EOP, Annex Q, Section IV.C.7, 8, and 9.

State of North Carolina

- NCRERP, Section II.B.16; Section IV.B., and Section VI.A, B and D

Cleveland County

- CCERP, Section II.A.2. and G; Section III.F; Section IV.B, Section VI.B and Figure

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Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

F.1.b. Evaluation Criterion: provision for communications with contiguous State/local governments within the Emergency Planning Zones;

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section IV.B.3 states the SEOC will maintain communications with contiguous states and FEMA, Region IV.

Cherokee County: Plans are adequate. Cherokee EOP, Annex Q, Section VI A states that the EM Director may provide county liaisons with communications capability to the SCDHEC FEOC, adjacent affected County EOCs, and Duke Energy Company's EOF. AnnexB.III.2 also provides for communication with adjacent counties.

York County: Plans are adequate. York EOP, Annex Q, Section VI.A states that the EM Director may provide county liaisons with communications capability to the SCDHEC FEOC, adjacent affected County EOCs, and Duke Energy Company's EOF.

State of North Carolina: Plans are adequate. NCRERP, Section VI.D states: Commercial telephone is the primary means of communication with contiguous States and some State and Federal agencies. The National Warning System (NAWAS), another special telephone system, has terminals located at the State EOC and the State and County Warning Points and National Weather Service Offices.

Cleveland County: Plans are adequate. CCERP, Section VI.D states that for WSLs the Selective Signaling System (SSS), a dedicated phone line operated by Duke Energy) will be the primary means of event notification for WSLs between them and State and local warning points, EOCs and other offices.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B.3 and 10; and Part 7, Section IV.B.1.b and 10

Cherokee County

- Cherokee EOP, Annex Q, Section VI.A and B; Annex B

York County

- York EOP, Annex Q, Section VI.A and B

State of North Carolina

- NCRERP, Section VI.D, E, F and G

Cleveland County

- CCERP, Section VI.D and

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

F.1.c. Evaluation Criterion: provision for communications as needed with Federal emergency response organizations;

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section IV.B.10.k states that during an FNF incident, communications with Federal Response Organizations will be conducted over the following systems: (1) Commercial telephone; (2) FNARS; (3) South Carolina can communicate directly with the Department of Energy in Aiken, SC, by State NAWAS and SCEMD LGR Network.

Cherokee County: Plans are adequate. Cherokee EOP, Annex Q, Section VI.A, states that the EOC will provide space and communications for state and federal liaison personnel.

York County: Plans are adequate. York EOP, Annex Q, Section VI.A, states that the EOC will provide space and communications for state and federal liaison personnel.

State of North Carolina: Plans are adequate. NCRERP Section III states that the NCDEM will provide communications with Federal government agencies and contiguous states and coordinate all communications. These systems include Commercial telephone as primary, FEMA radio (FNARS) for voice radio or Teletype, National Warning System (NAWAS)

Cleveland County: Plans are adequate. CCERP, Section VI states provisions have been made for communications networks to support all emergency response organizations throughout the course of an emergency. These networks are formed using commercial telephone service, the state telephone conferencing system, Duke Energy radio systems, local government emergency services two-way radio systems, local ham radio operators, and State and Federal government communications and satellite radio and phone.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B.10 and Annex A, Section III

Cherokee County:

- Cherokee EOP, Annex Q, Section VI.A and B

York County Plan references:

- York EOP, Annex Q, Section VI A and B

State of North Carolina

- NCRERP, Section III.B; VI.D and H

Cleveland County

- CCERP, Section VI.A and D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

F.1.d. Evaluation Criterion: provision for communications between the nuclear facility and the licensee's near-site Emergency Operations Facility, State and local emergency operations centers, and radiological monitoring teams;

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Part 7, Section IV.B states that the primary means for alerting agencies and response forces for an incident at Lee is the Selective Signaling System (SSS). SSS is a dedicated teleconferencing system using Duke Energy microwave system. Backup systems are commercial telephone and Local

Government Radio (LGR). A Decision Line (DL), located in the WSLS EOF, South Carolina EOC, North Carolina EOC, National Weather Service (NWS) and York, Union, Lancaster, Chester and Cherokee County EOCs. The DL is primarily used for decision making on protective actions. In the South Carolina NREES SOP 2.1 and 2.2 primary and, backup communications for radiological monitoring teams are described. Cell phone, satellite phone and low band radio capability is available.

Cherokee County: Plans are adequate. The Cherokee EOP states that if a problem develops or accident occurs at WSLS, WSLS personnel will notify the County Emergency Management Agency within 15 minutes of the event being declared. This notification is made via the SSS

York County: Plans are adequate. The York EOP states that if a problem develops or accident occurs at WSLS, WSLS personnel will notify the County Emergency Management Agency within 15 minutes of the event being declared. This notification is made via the SSS.

State of North Carolina: Plans are adequate. NCRERP, Section VI.F states that the primary means of communication between the SERT and each of the nuclear power facilities will be the SSS. Back-up communication between these two points will be commercial telephone lines, satellite radio/telephone systems and two-way radio systems. Communication links between the State and local EOCs and radiological monitoring field teams are also discussed in Section VI.

Cleveland County: Plans are adequate. CCERP, Section VI states that SSS will be the primary means of event notification for WSLS between WSLS and State and local warning points, EOCs and other offices. Information on radiological monitoring from the SERT will be transmitted to the county via commercial telephone.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B.10 and Annex A.III; Part 7, Section IVB.10 and Annex A.III.B
- SCTRERP, Section B.
- NREES SOP 2.1 and 2.2

Cherokee County:

- Cherokee EOP, Annex Q, Section IV.3 and 5; Section VI.A and Attachment A

York County:

- York EOP, Section IV.3 and 5; Section VI.A and Attachment A

State of North Carolina

- NCRERP, Section VI.E, F, G, H and I

Cleveland County

- CCERP, Section II.A.2; Section IV.B and Section VI.F and K

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

F.1.e. Evaluation Criterion: provision for alerting or activating emergency personnel in each response organization; and

Criterion Statement

State of South Carolina: Plans are adequate. Immediately upon notification of an ECL, the SWP will relay that notification to the DHEC duty officer who will verify, by callback to the FNF, the ECL and any protective action recommendations. Subsequent to DHEC's contact with the FNF, ECL confirmation will be provided to the SCEMD duty officer (after hours), Chief of Response and Operations, and the Director who will determine the requirements for further state and local government response. Organizations to be notified by the SWP for each class of emergency are listed in Appendix 1. Notification will be made in priority by Groups 1, 2 and 3. The emergency notification form used by NPP licensees is at Figure 1 to this annex. Alert telephone numbers and designated representatives for state, federal, and contiguous state agencies are found in the SCEMD Telephone Directory. Each organization will maintain separate procedures for alerting and mobilizing their personnel once notification from SCEMD is received.

Cherokee County: Plans are adequate. The Cherokee EOP provides for the activation of its emergency response organization on a 24-hour basis and provides for continuous operation.

York County: Plans are adequate. The York EOP provides for the activation of its emergency response organization on a 24-hour basis and provides for continuous operation.

State of North Carolina: Plans are adequate. NCRERP, Section VI.I states key members of SERT and RPS are on call 24 hours a day. During evenings, weekends and holidays, key staff members from RPS and NCEM are equipped with digital pagers and/or cell phones. The State Warning Point or State EOC will notify appropriate personnel upon receipt of the initial notification.

Cleveland County: Plans are adequate. CCERP, Section II.A.2 states that for WSLs the site will immediately notify the 10-Mile EPZ counties and affected states. CCERP

did not fully describe how personnel are contacted and notified or make reference to procedures with names and phone numbers of personnel to alert or activate.

Plan Reference

State of South Carolina

- SCORERP Section IV.B.10 and Annex A.III
- STRERP, Section B.III; Section XIV.C; Section XI.A and Section XII

Cherokee County:

- Cherokee EOP, Annex Q, Section IV.A and D; Section VI B

York County Plan

- York EOP Section IV.A and D

State of North Carolina

- NCRERP, Section VI.I

Cleveland County

- CCERP, Section II.A.2 and Section IV.C.7 and Section VI.J and Figure 7

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- F.2. Evaluation Criterion: Each organization shall ensure that a coordinated communication link for fixed and mobile medical support facilities exists.*

Criterion Statement

State of South Carolina: Plans are adequate. South Carolina Emergency Operations Plan, Basic Plan Section V Warning says that REACH South Carolina is a web based interactive tool (via telephone/cell, email, fax, etc..) linking state, local, and medical personnel during preparations for and responses to emergency situations.

Cherokee County: Plans are adequate. The Cherokee EOP, Annex I states that communications between the EOC and ambulance service are maintained using the EMS Radio Net and land line telephones.

York County: Plans are adequate. York County maintains communications with EMS personnel through the York County comprehensive 800 MHz communications system.

State of North Carolina: Plans are adequate. NCRERP, Section V.B.4 indicates that RPS standard procedures and reference materials related to medical support include current lists of names, addresses, phone numbers and administrators of all hospitals.

Cleveland County: Plans are adequate. CCERP, Section VI.E states that Cleveland County rescue vehicles and the Cleveland Regional Medical Center can communicate with each other and contiguous counties and hospitals on the State rescue radio frequency.

Plan Reference

State of South Carolina

- SCORERP Section IV.B.10; Section V and Annex E

Cherokee County Plan references:

- Cherokee EOP Annex I.VI.B

York County Plan references:

- York EOP, Annex Q, Section VI B

State of North Carolina

- NCRERP, Section V.B.4

Cleveland County

- CCERP, Section VI.E

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- F.3. *Evaluation Criterion: Each organization shall conduct periodic testing of the entire emergency communications system (see evaluation criteria N.2.a, N.2.d and Appendix 3²).*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Part 7, Section IV.B states that communications by SCEMD to both risk and host counties shall be tested quarterly.

Cherokee County: Plans are adequate. Cherokee EOP, Annex Q, Section VI.R.2.a states that communications between the county, the Lee Nuclear Station, and SCEMD

² Revised by FEMA GM PR-1.

will be tested quarterly. Such drills will include the understanding and transmission of emergency messages.

York County: Plans are adequate. York EOP, Annex Q, Section VI.R.2.a states that communications between the county, the Lee Nuclear Station, and SCEMD will be tested quarterly. Such drills will include the understanding and transmission of emergency messages.

State of North Carolina: Plans are adequate. NCRERP, Section VI.J indicates that communication links are tested on a daily or weekly basis including the FM Voice Network: operated daily by NCEM Operations Staff, Area Offices, and County EM Offices. The SSS will be tested in accordance with the communications test plan for each of the nuclear power facilities and the State and applicable County Warning Points. The Decision Line will be tested in accordance with the communications test plan for each of the nuclear power facilities and the State and applicable County Warning Points.

Cleveland County: Plans are adequate. CCERP, Section VI.G states that Cleveland County's Emergency Services radios are utilized constantly. Therefore, testing is a continuous process. SSS testing between the State and the Cleveland County Warning Point will be in accordance with the communications test plan for WSLs. Communications with the State is tested on a monthly basis. Annual communications drills will be conducted between Cleveland County EOC, State EOC, the licensee and the State field assessment teams.

Plan Reference

State of South Carolina

- SCORERP Annex D and Part 7, Section IV.B.10
- SCTRERP, Appendix 10.1

Cherokee County:

- Cherokee EOP, Annex Q, Section VI.R.2

York County

- York EOP, Section VI.R.2

State of North Carolina

- NCRERP, Section VI.J and K. and Figure-14.

Cleveland County

- CCERP, Section VI.G and Section VII.C

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

G. Public Education and Information: *Information is made available to the public on a periodic basis on how they will be notified and what their initial actions should be in an emergency (e.g., listening to a local broadcast station and remaining indoors), the principal points of contact with the news media for dissemination of information during an emergency (including the physical location or locations) are established in advance, and procedures for coordinated dissemination of information to the public are established.*

G.1. Evaluation Criterion: *Each organization shall provide a coordinated periodic (at least annually) dissemination of information to the public regarding how they will be notified and what their actions should be in an emergency. This information shall include, but not necessarily be limited to:*

- a. educational information on radiation;
- b. contact for additional information;
- c. protective measures, e.g., evacuation routes and relocation centers, sheltering, respiratory protection, radio protective drugs; and
- d. protective measures related to the ingestion pathway³; and
- e. special needs of the handicapped.

Means for accomplishing the required dissemination prior to an emergency¹ may include, but are not necessarily limited to: information in the telephone book; periodic information in utility bills; posting in public areas; and publications distributed on an annual basis.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Annex C Appendix 1 states that in order for the public to have a clearer understanding of instructions and other information released during the course of an incident, related information shall be made available prior to such a situation. The types of information distributed to the public are outlined in the annex. The South Carolina-Duke Energy letter of agreement provides for the update and annual distribution of public information materials throughout the 10-mile

³ Revised by FEMA GM IN-1.

EPZ. The schedule for completion of WSLs specific public information material is by July 2015

Cherokee County: Plans are adequate. For Cherokee County additional information will be provided in the Lee Nuclear Station Emergency Planning Information Brochure and the Lee Nuclear Station Emergency Planning Calendar. The schedule for completion of WSLs specific public information material is by July 2015

York County: Plans are adequate. For York County additional information will be provided in the Lee Nuclear Station Emergency Planning Information Brochure and the Lee Nuclear Station Emergency Planning Calendar. The schedule for completion of WSLs specific public information material is by July 2015

State of North Carolina: Plans are adequate. The NCRERP, Section IV.G states that State and local governments along with Duke Energy share a joint responsibility for disseminating this type of public information on how they will be notified and what actions to take during an emergency. The schedule for completion of WSLs specific public information material is by July 2015

Cleveland County: Plans are adequate. For Cleveland County additional information will be provided in the Lee Nuclear Station Emergency Planning Information Brochure and the Lee Nuclear Station Emergency Planning Calendar. The schedule for completion of WSLs specific public information material is by July 2015

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Appendix 10.C.15; Annex C Appendix 1.III, 1.IV.D, E, G, and G

Cherokee County

- Cherokee EOP IV.E.4, 5

York County

- York EOP IV.E.7, 8

State of North Carolina

- NCRERP, Section IV.G.1

Cleveland County

- CCERP, Section IV.D.2.d

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:

Adequate

Cleveland County:

Adequate

- G.2. *Evaluation Criterion: The public information program shall provide the permanent and transient adult population within the plume exposure EPZ an adequate opportunity to become aware of the information annually. The programs should include provision for written material that is likely to be available in a residence during an emergency. Updated information shall be disseminated at least annually. Signs or other measures (e.g., decals, posted notices or other means. placed in hotels, motels, gasoline stations and phone booths) shall also be used to disseminate to any transient population within the plume exposure pathway EPZ appropriate information that would be helpful if an emergency or accident occurs. Such notices should refer the transient to the telephone directory or other source of local emergency information and guide the visitor to appropriate radio and television frequencies.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP describes a program for providing information to residents and transients within the 10-mile EPZ. The South Carolina-Duke Energy letter of agreement provides for the update and annual distribution of public information materials throughout the 10-mile EPZ. The schedule for completion of WSLs specific public information material is by July 2015

Cherokee County: Plans are adequate. For Cherokee County public information will be provided in the Lee Nuclear Station Emergency Planning Information Brochure and the Lee Nuclear Station Emergency Planning Calendar. The schedule for completion of WSLs specific public information material is by July 2015

York County: Plans are adequate. For York County public information will be provided in the Lee Nuclear Station Emergency Planning Information Brochure and the Lee Nuclear Station Emergency Planning Calendar. The schedule for completion of WSLs specific public information material is by July 2015

State of North Carolina: Plans are adequate. NCRERP, Section IV.G states that educational information will be placed in public displays or literature to be located in such locations as individual commercial nuclear facility visitor and education centers, public libraries, community centers, headquarters for volunteer fire departments and rescue squads, lobbies in hotels and office buildings, local airport terminals and school buildings. The schedule for completion of WSLs specific public information material is by July 2015

Cleveland County: Plans are adequate. CCERP, Section IV.D.2.d refers to information presented to the public during an emergency situation, referencing printed material. Information for transient populations will be provided in places as listed in the North

Carolina Radiological Emergency Response Plan. The schedule for completion of WSLs specific public information material is by July 2015

Plan Reference

State of South Carolina

- SCORERP, Annex C Appendix 1.III, IV and V

Cherokee County

- Cherokee EOP, IV.E.4 and 5

York County

- York EOP IV.E.7 and 8

State of North Carolina

- NCRERP, Section IV.G.1

Cleveland County

- CCERP, Section IV.D.2.d

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

G.3.a. Evaluation Criterion: Each principal organization shall designate the points of contact and physical locations for use by news media during an emergency.

Criterion Statement:

State of South Carolina: Plans are adequate. SCORERP Annex C, Section IV.A states that the designated representative will be the SCEMD public information director. Basic Plan, Part 7, Section VII.C states that the JIC will be located in the Duke Energy Building, 526 South Church Street, in downtown Charlotte, North Carolina. Telephone support at the JIC will be furnished by the facility/utility. Public Information communications support will be requested from the SEOC and JIC, as required

Cherokee County: Plans are adequate. Cherokee County deploys the Emergency Public Information Officer (PIO) to Duke Power's Joint Information Center in Charlotte, NC to join the other affected government jurisdictions in informing the news media. Official press announcements and briefings are made from the JIC. The County PIO and the County Emergency Management Director have primary responsibility for Public Information.

York County: Plans are adequate. York County deploys the Emergency Public Information Officer (PIO) to Duke Power's Joint Information Center in Charlotte, NC to join the other affected government jurisdictions in informing the news media. Official press announcements and briefings are made from the JIC. The County PIO and the County Emergency Management Director have primary responsibility for Public Information.

State of North Carolina: Plans are adequate. NCEOP Section II.E.4 states that emergency command and control functions will be conducted from the State EOC. The State EOC will serve as the SERT command and control facility. NCRERP, Section IV.G.2.g indicates that the SERT Public Information Officer is responsible for the overall coordination of public information activities among State agencies, local governments and the utility. Emergency information will be released to the media and the public through the County EOC or the Joint Information Center (JIC). Once the Joint Information Center has been activated, ALL official news releases and statements to the media will come from the JIC only. The Joint Information Center is located in the Duke Energy Building, 526 South Church Street, in downtown Charlotte, North Carolina.

Cleveland County: Plans are adequate. Cleveland County Government conducts emergency command and control functions from the Cleveland County EOC in Shelby, NC. CCERP, Section IV.D states that the Cleveland County Public Information Officer (PIO), or the authorized representative, will represent Cleveland County in the preparation and release of emergency public information and instructions concerning a nuclear radiation incident or accident at WSLs.

Plan Reference

State of South Carolina

- SCORERP, IV.A.1; Annex C, IV.C, V.C and Part 7, VII.C
- STRERP, B.III

Cherokee County

- Annex Q, Attachment A, Appendix 1 and 2

York County

- Annex Q, Attachment A; Appendix 1 and 2

State of North Carolina

- NCEOP, Section II.E.4; III.A.6 and III.B.2.b(2)
- NCRERP, Section IV.G; V.C; and Annex D Section I.B

Cleveland County

- CCERP, Section III.L; IV.D; V.C.1

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

G.4.a. Evaluation Criterion: Each principal organization shall designate a spokesperson who should have access to all necessary information.

Criterion Statement

State of South Carolina: Plans are adequate. As stated in SCORERP, Annex C.III if the SEOC is activated as a result of an FNF incident, the Governor's Press Secretary or designee (normally the SC Emergency Management Division Public Information Director) will address issues regarding public safety and state the government's response. Unless announced otherwise, the Press Secretary or Public Information Director will assume direct responsibility for coordination of state emergency public information and only the Press Secretary or Public Information Director will be authorized to issue news releases on behalf of the State of South Carolina. When a JIC is being activated by the affected FNF/utility, the Information Response Group will deploy to the JIC, where federal, local and FNF/utility public information activities will be conducted. The state public information coordinator will remain at the SEOC as lead PIO with the Public Information Support Group. The Public Information Response Group and the Public Information Support Group will provide augmenters to deploy to the JIC or SEOC, as directed by the Governor's press secretary or designated representative.

Cherokee County: Plans are adequate. Cherokee County will have a designated Emergency Public Information Officer (PIO). The County PIO and the County Emergency Management Director will have primary responsibility for Public Information. If an incident occurs at a FNF, the County PIO will go to Duke Energy's Joint Information Center in Charlotte, NC to join the other affected government jurisdictions. All information disseminated to the media will be coordinated to the fullest extent practicable with the FNF/utility, prior to its release.

York County: Plans are adequate. York County will have a designated Emergency Public Information Officer (PIO). The County PIO and the County Emergency Management Director will have primary responsibility for Public Information. If an incident occurs at a FNF, the County PIO will go to Duke Energy's Joint Information Center in Charlotte, NC to join the other affected government jurisdictions. All information disseminated to the media will be coordinated to the fullest extent practicable with the FNF/utility, prior to its release.

State of North Carolina: Plans are adequate. NCRERP Section IV.G.2.g notes that the SERT Public Information Officer will be responsible for the overall coordination of public information activities among State agencies, local governments and the utility. The

SERT Public Information Officer and staff are responsible for assuring a continuous release of information through the EAS and press releases to the local media.

Cleveland County: Plans are adequate. CCERP, Section IV.D states that the Cleveland County Public Information Officer (PIO), or the authorized representative, will represent Cleveland County in the preparation and release of emergency public information and instructions concerning a nuclear radiation incident or accident at either the Catawba or Lee Nuclear Station. The PIO assigned to the Cleveland County EOC staff will coordinate all public information activities between Cleveland County, the State, and Duke Energy.

Plan Reference

State of South Carolina

- SCORERP, Annex C, III

Cherokee County

- Cherokee EOP, Annex Q, IV.E, Attachment A and Appendix 1

York County

- York EOP, Annex Q, IV.E, Attachment A and Appendix 1

State of North Carolina

- NCRERP, Section III.B.3; IV.G.2
- NCEOP, Section III.A.6

Cleveland County

- CCERP, Section IV.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

G.4.b. Evaluation Criterion: Each organization shall establish arrangements for timely exchange of information among designated spokespersons.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Annex C, Section IV.B states that the Public Information Director will provide formally scheduled media briefings. As a part of this process, the designated spokespersons from Federal, State and Local Governments; as well as representatives from participating agencies and the affected

facility will coordinate information to be presented in the formal media briefings and joint news releases.

Cherokee County: Plans are adequate. As stated in Cherokee EOP, Annex Q, Attachment A, if an incident occurs at a FNF, the County PIO will go to Duke Energy's Joint Information Center in Charlotte, NC to join the other affected government jurisdictions. All information disseminated to the media will be coordinated to the fullest extent practicable with the FNF/utility, prior to its release.

York County: Plans are adequate. As stated in Cherokee EOP, Annex Q, Attachment A, if an incident occurs at a FNF, the County PIO will go to Duke Energy's Joint Information Center in Charlotte, NC to join the other affected government jurisdictions. All information disseminated to the media will be coordinated to the fullest extent practicable with the FNF/utility, prior to its release.

State of North Carolina: Plans are adequate. The NCRERP, Section IV.G.2 states that the SERT Public Information Officer will be responsible for the overall coordination of public information activities among State agencies, local governments and the utility.

Cleveland County: Plans are adequate. CCERP, Section IV.D.1 states that the Cleveland County Public Information Officer (PIO) will coordinate all public information activities between Cleveland County, the State, and Duke Energy.

Plan Reference

State of South Carolina

- SCORERP, IV.B.9; Annex C, Section III.B

Cherokee County

- Annex Q, IV.E and Attachment A

York County Plan references:

- Annex Q, IV.E, Attachment A

State of North Carolina

- NCRERP, Section IV.G.2
- NCEOP, Section III.B.2.b.(2)

Cleveland County

- CCERP, Section IV.D.1

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:
Cleveland County:

Adequate
Adequate

G.4.c. Evaluation Criterion: Each organization shall establish coordinated arrangements for dealing with rumors.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Annex C, Section III.C states that rumor control will help ensure that misinformation is corrected and that a line of direct communication with the public is established. The State of South Carolina plans to detect rumors through processes that involve the monitoring of mass news media and talking directly to the public. The State responds to rumors by gathering accurate and timely information, by coordinating it with all responding sources, and by using media and person-to-person communication to disseminate accurate and timely information, thereby discrediting that which is untrue. Media News Releases provide a telephone number for the public to call for State and County Response Activities.

Cherokee County: Plans are adequate. Cherokee County EOP Section IV.E references the SCORERP rumor control procedures.

York County: Plans are adequate. York County EOP Section IV.E references the SCORERP rumor control procedures.

State of North Carolina: Plans are adequate. NCRERP, Annex A, Appendix 1, Section 5.b.(2), states that the State EOC will serve as the central coordinating facility for receiving and disseminating public information. The Governor's Citizen and Community Services Office operates the Governor's Emergency Information Hotline to provide an additional resource for members of the general public to receive accurate and up-to-date information by telephone; provide an additional mechanism to disseminate disaster information and emergency instructions to the general public; to serve as a mechanism to control and counteract inaccurate or unfounded rumors among the public affected by an event; and to gather information regarding the public's understanding of the characteristics of an emergency event in order to enhance the effectiveness of the operations of the SERT. Any rumors detected will immediately be reported to the JIC Public Information Officer who will coordinate response, and recommend a course of action to the SERT Leader.

Cleveland County: Plans are adequate. The Cleveland County PIO will be responsible for the collection and release of all information to the news media, verifying and resolving rumors (all rumors must be reported to SERT) and any other conflicting information, scheduling news briefings, and copying releases for distribution in Cleveland County.

Plan Reference

State of South Carolina

- SCORERP - IV.B.9.c; Annex C.III.B.4, III.C and Appendix 3

Cherokee County

- Cherokee EOP, Annex Q, IV.E

York County

- York EOP, Annex Q, IV.E

State of North Carolina

- NCEOP, Annex A, Appendix 1, Section 5.a and b
- NCRERP, Section IV.G.6

Cleveland County

- CCERP, Section IV.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- G.5. *Evaluation Criterion: Each organization shall conduct coordinated programs at least annually to acquaint news media with the emergency plans, information concerning radiation, and points of contact for release of public information.*⁴

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Annex B, Section V.F.10 states that Fixed Nuclear Facilities (FNF) will be responsible for providing annual training/information briefing for local news media in conjunction with the state. Annex B notes that the South Carolina Emergency Management Division will provide training and information briefings for news media, including state and local Public Information Officers (PIOs), that will acquaint them with Joint Information Center (JIC) operations, state and local RER plans, media communications, and measures to protect the public against radiation exposure.

Cherokee County: Plans are adequate. Cherokee EOP states that annual workshops will be conducted by the State in conjunction with the FNF.

York County: Plans are adequate. Cherokee EOP states that annual workshops will be conducted by the State in conjunction with the FNF.

⁴ Revised by FEMA GM PR-1.

State of North Carolina: Plans are adequate. NCRERP, Section IV.G.7 states that state and local governments annually, at a minimum, will inform the news media on the status of plans to cope with off-site consequences of radiological accidents at any of the facilities. The SERT, local government and utility public information staffs will jointly prepare and present programs to the media as part of preparation activity for biannual facility exercises. The presentations will include: a briefing on the status of State, local and utility emergency response plans; an orientation on radiation and its effects on people and the environment; procedures and points of contact for the media to obtain pertinent information; and other information as requested by the media.

Cleveland County: Plans are adequate. In Cleveland County annual workshops will be conducted by the State in conjunction with WSLs and at a minimum, will inform the news media on the status of plans to cope with off-site consequences of radiological accidents at any of the facilities.

Plan Reference

State of South Carolina

- SCORERP - Appendix 10 Section III.C.12; Annex B, Section V.A.4.23; Annex B, Section V.F.10 and Annex C, Appendix 1, Section IV.D.7

Cherokee County

- SCORERP Appendix 10 Section III.C.12

York County

- SCORERP Appendix 10 Section III.C.12

State of North Carolina

- NCRERP, Section IV.G.7

Cleveland County

- NCRERP reference IV.G.7

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

H. Emergency Facilities and Equipment: *Adequate emergency facilities and equipment to support the emergency response are provided and maintained.*

H.3. Evaluation Criterion: *Each organization shall establish an emergency operations center for use in directing and controlling response functions.*

Criterion Statement

State of South Carolina: Plans are adequate. State and local plans identify the locations of their respective EOCs and alternate EOCs. SCORERP, Part 7, Section VII.A, states that the South Carolina SEOC is located at 2779 Fish Hatchery Road, West Columbia, South Carolina. The Department of Public Safety Headquarters in Blythewood has been designated as the alternate SEOC

Cherokee County: Plans are adequate. The Cherokee County EOC is located at Peachtree Centre, 1434 N. Limestone Street, Gaffney, SC. The alternate EOC for Cherokee County is the mobile command center vehicle of the York County Office of Emergency Management.

York County: Plans are adequate. The York County EOC is located at the Rock Hill City Hall, 155 Johnston St., Rock Hill, SC. The alternate EOC for York County is the mobile EOC vehicle of the York County Office of Emergency Management.

State of North Carolina: Plans are adequate. The NCRERP, Section V.C states that the North Carolina SEOC is located in the sub-basement area of the Administration Building at 116 W. Jones Street, Raleigh, N.C. The SERT will establish an alternate command and control facility at the Disaster Recovery Operations Center (DROC), 1830-B Tillery Place or the National Guard Headquarters, Raleigh, 4105 Reedy Creek Road. Arrangements have been made for use of a designated area in both of these facilities by the SERT.

Cleveland County: Plans are adequate. The Cleveland County plan does not identify an alternate EOC facility. County Proposed RERP, Section V.C, Emergency Facilities and Equipment, states that the Cleveland County EOC is located in Shelby, NC. The Cleveland County Proposed RERP, Section III.E.1, states that the Cleveland County Emergency Management Coordinator is responsible for recommending the activation of the county EOC and maintaining it on a 24-hour basis.

Plan Reference

State of South Carolina

- SCORERP, (proposed) Part 7, Section VII.A and B
- SCEOP, Section III.F and VIII.F

Cherokee County

- Cherokee EOP, Annex Q, Section VI.A.1

York County

- York County EOP, Annex Q, Section VI.A.1

State of North Carolina

- NCRERP, Section III.B.3.i.a; IV.B and V.C

Cleveland County
CCERP, Section III.E.1 and V.C

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- H.4. Evaluation Criterion: Each organization shall provide for timely activation and staffing of the facilities and centers described in the plan.*

Criterion Statement

State of South Carolina: Plans are adequate. The SCEOP, Section IV.H.5, State Emergency Operations Center, states that the SEOC will be activated and staffed in accordance with the SEOC SOP.

Cherokee County: Plans are adequate. The Cherokee County EOP, Proposed Annex Q, states that the Cherokee County EOC will be made operational immediately upon receipt of an Emergency Classification Level Condition requiring activation. The County EOC will be partially activated at the Alert ECL and fully activated at SAE or higher.

York County: Plans are adequate. The York County EOP, Proposed Annex Q, states that the York County EOC will be made operational immediately upon receipt of an Emergency Classification Level Condition requiring activation. The County EOC will be partially activated at the Alert ECL and fully activated at SAE or higher.

State of North Carolina: Plans are adequate. NCRERP, Section IV.B states that, when notification of any one of the four classes of an emergency action level is received at the State EOC, the Emergency Management Duty Officer notifies the NCEM Director, on-call representative for RPS, REP Program Manager and other NCEM personnel in accordance with local procedures. The Director, NCEM, or designee will take appropriate actions to assure the appropriate emergency response, including activating the SEOC. A reference to the specific activation procedures is not included in the NCRERP.

Cleveland County: Plans are adequate. CCERP, Attachment 2 lists supporting plans and SOPs including the EOC SOP. The County Plan explains the four ECLs and actions that will be taken at each. The county EOC will be activated as appropriate at the Alert ECL and fully activated at SAE or higher.

Plan Reference

State of South Carolina

- SCORERP, Section IV.B.1.b; IV.B.3.c; Appendix 3 and (proposed) Part 7, Section IV.B.2
- SCEOP, Section IV.H.5
- STRERP – A.III.D; B.III and XIV.B

Cherokee County

- Cherokee EOP, Proposed Annex Q, Section VI.A.1; Attachment A and Appendix 6

York County

- York EOP - Annex Q, Section VI.A.1 and Appendix 6; Proposed Annex Q, Attachment A

State of North Carolina

- NCRERP, Section IV.B; V.C; VI.I.2 and Section VIII, Figure 8
- NCEOP, Section III.A.2

Cleveland County

- CCERP, Section VIII, Figures 4, 5 and 7 and Attachment 2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- H.7. Evaluation Criterion: Each organization, where appropriate, shall provide for offsite radiological monitoring equipment in the vicinity of the nuclear facility.*

Criterion Statement

State of South Carolina: Plans are adequate. The STRERP, Appendix IV, Emergency Equipment and Supplies, states that the SCDHEC maintains appropriate levels of portable radiation monitoring instruments, laboratory counting instruments, field sampling equipment, and supplies to conduct the operations of its normal and emergency radiological health activities. The equipment is located in the SCDHEC central office in Columbia. The SCORERP contains a chart showing equipment distributed by SCEMD to Risk and Host counties. A separate list in the STRERP shows equipment maintained by SCDHEC.

Cherokee County: Plans are adequate. Cherokee County EOP, Annex Q Section IV.3, Equipment, states that Cherokee County does not have any off-site radiological monitoring equipment to set up near the nuclear facility. The radiological monitoring equipment capability is provided by SCDHEC and the utility, as outlined in the STRERP.

York County: Plans are adequate. York County EOP, Annex Q, Section IV.3, Equipment, states that York County does not have any off-site radiological monitoring equipment to set up near the nuclear facility. The radiological monitoring equipment capability is provided by SCDHEC and the utility, as outlined in the STRERP.

State of North Carolina: Plans are adequate. NCRERP, Section IV.F.2 states that for sophisticated field monitoring, three survey teams and the mobile laboratory from RPS are equipped with particulate and iodine air samplers (survey teams only); survey team communications to RPS, the plant site, and from the mobile lab to SERT; plotting and recording equipment for geographical indication of data sampling; and portable survey equipment designed to measure contamination and radiation levels. Attachment 3, Emergency Instrument Inventory, says that the inventory of radiological equipment maintained or issued through the NC Division of Emergency Management or the DENR Radiation Protection Section is maintained at each respective office.

Cleveland County: Plans are adequate. CCERP, Attachment 3 states that the Cleveland County Department of Emergency Services has access to various types of emergency equipment located throughout the county and in the local Emergency Operations Center that would be utilized to support their response in the event of an emergency at WSLs, including radiation monitoring equipment. An inventory of this emergency equipment is maintained by the Cleveland County Department of Emergency Management.

Plan Reference

State of South Carolina

- SCORERP, Appendix 4
- SCORERP, Annex F, Section VI.D
- STRERP, Appendix IV

Cherokee County

- Cherokee EOP, Annex Q, Section IV.3

York County

- York EOP, Annex Q, Section IV.3, Equipment

State of North Carolina

- NCRERP, Section IV.F.2; Section VIII, Figure 13 and Attachment 3

Cleveland County

- CCERP Attachment 3

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:
Cleveland County:

Adequate
Adequate

- H.10. Evaluation Criterion: Each organization shall make provisions to inspect, inventory and operationally check emergency equipment/instruments at least once each calendar quarter and after each use. There shall be sufficient reserves of instruments/equipment to replace those which are removed from emergency kits for calibration or repair. Calibration of equipment shall be at intervals recommended by the supplier of the equipment.*

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP lists current radiological emergency response equipment and states in Part 7, Section IV.B.5.e, that calibration, maintenance and distribution of radiological monitoring equipment for Cherokee County is performed by the Radiological Laboratory of SCEMD. The STRERP, Appendix IV, Emergency Equipment and Supplies, states that the SCDHEC maintains appropriate levels of portable radiation monitoring instruments, laboratory counting instruments, field sampling equipment, and supplies to conduct the operations of its normal and emergency radiological health activities. In addition, radiation monitoring instrumentation and supplies are maintained by the Bureau of Land and Waste Management. Emergency Kits, Portable Survey Instruments, Sampling Equipment, Radios, Supplies and Material are inspected quarterly. An inventory of supplies is conducted at that time. Portable survey instruments and radio units are operationally checked monthly, and before and after each use. Radiation survey instruments are calibrated at intervals recommended by the supplier of equipment.

Cherokee County: Plans are adequate. The Cherokee County EOP, Annex Q, Section IV.B.8, Equipment, states that each emergency service is responsible for operationally checking its equipment at least once each calendar quarter and after each use. Calibration of equipment shall be at intervals recommended by the supplier of equipment.

York County: Plans are adequate. The York County EOP, Annex Q, Section IV.B.8, Equipment, says that each emergency service is responsible for operationally checking its equipment at least once each calendar quarter and after each use. Calibration of equipment shall be at intervals recommended by the supplier of equipment.

State of North Carolina: Plans are adequate. NCRERP, Section V.C.5 & 6, Emergency Facilities and Equipment says that radiological monitoring equipment used by the State government agencies is inventoried, inspected, and calibrated according to manufacturer's specifications. A limited amount of radiological equipment is maintained by the Planning and Information Branch, NCEM, to augment any that become inoperable during a radiological emergency event. Attachment 3, Emergency Instrument Inventory, states that the inventory of radiological equipment maintained or issued through the NC

Division of Emergency Management or the DENR Radiation Protection Section is maintained at each respective office.

Cleveland County: Plans are adequate. CCERP, Section V.C states that radiological monitoring equipment used by the assigned organizations is inventoried, inspected and given an operational check after each use. Attachment 3, Inventory of Emergency Equipment, states that an inventory of emergency equipment is maintained by the Cleveland County Department of Emergency Management.

Plan Reference

State of South Carolina

- SCORERP, Appendix 4; Annex F, Appendix 1, Section II; Proposed Part 7, Section IV.B.5.e
- STRERP, Appendix IV

Cherokee County Plan references:

- Cherokee EOP, Annex Q, Section IV.B.8

York County Plan references:

- York EOP, Annex Q, Section IV.B.8

State of North Carolina

- NCRERP, Section V.C.5 and 6, and Attachment 3

Cleveland County

- CCERP, Section V.C; IV.G and Attachment 3

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- H.11. *Evaluation Criterion: Each plan shall, in an appendix, include identification of emergency kits by general category (protective equipment, communications equipment, radiological monitoring equipment and emergency supplies).*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Appendix 4 lists Radiological Emergency response equipment that has been issued to FNF Risk and Host counties. This equipment includes 3636 Permanent Record Dosimeters (PRDs), 1760 0-5R Self-Reading Dosimeters (SRDs), 260 0-200R SRDs, 617 0-500 mR SRDs, 429 survey meters, and 18 Portal Monitors. This does not include the number of dosimeters and

instruments kept in reserve at SCEMD. SCTRERP Appendix IV lists the emergency equipment in DHEC emergency kits which includes survey instruments, dosimeters, and communication equipment,

Cherokee County: Plans are adequate. The Cherokee County EOP, Annex Q, Section IV.Q.7, Identification of Emergency Kits, lists groupings for Protective Equipment, Communications Equipment, Radiological Monitoring Equipment, and Emergency Supplies. Each grouping is followed by a reference for more detailed information.

York County: Plans are adequate. The York County EOP, Annex Q, Section IV.Q.7, Identification of Emergency Kits, lists groupings for Protective Equipment, Communications Equipment, Radiological Monitoring Equipment, and Emergency Supplies. Each grouping is followed by a reference for more detailed information

State of North Carolina: Plans are adequate. NCRERP, Attachment 3 states that the inventory of radiological equipment maintained or issued through the NC Division of Emergency Management or the DENR Radiation Protection Section is maintained at each respective office.

Cleveland County: Plans are adequate – corrections must be made. CCERP, Attachment 3 states that Cleveland County Department of Emergency Services has access to various types of emergency equipment located throughout the county and in the local Emergency Operations Center that would be utilized to support Catawba Nuclear Station and WSLs in the event of an emergency. This equipment includes protective equipment, communications equipment, radiation monitoring equipment and emergency supplies. An inventory of this emergency equipment is maintained by the Cleveland County Department of Emergency Management.

Plan References

State of South Carolina

- SCORERP, Appendix IV
- STRERP, Section B.IV and Appendix IV

Cherokee County

- Cherokee EOP, Annex Q, Section IV.Q.7

York County

- York EOP, Annex Q, Section IV.Q.7

State of North Carolina

- NCRERP, Attachment 3

Cleveland County

- CCERP, Attachment 3

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- H.12. Evaluation Criterion: Each organization shall establish a central point (preferably associated with the licensee's near-site Emergency Operations Facility), for the receipt and analysis of all field monitoring data and coordination of sample media.*

Criterion Statement

State of South Carolina: Plans are adequate. The collection and analysis of South Carolina field monitoring data and sample media is coordinated by the Nuclear Response and Emergency Environmental Surveillance Section (NREES) using mobile laboratory facilities. The STRERP, Appendix II, Section III, Receipt and Analysis of Field Monitoring Data, states that when the Mobile Operations Center (MOC) is operational, all field monitoring data will be transmitted to the Field Team Director at the MOC. When the MOC has not been activated but the Mobile Radiological Laboratory has been deployed to the incident, all field monitoring data will be transmitted to the Mobile Radiological Laboratory. Environmental samples will be transported to the Radiological Laboratory in Columbia, or to the Mobile Radiological Laboratory deployed in the field, at the discretion of the ERC.

Cherokee County: The plans are adequate. The Cherokee County EOP, Annex Q, Section IV.Q.5 & 6, Equipment, states that the receipt and analysis of all field monitoring data and the coordination of sample media will be handled by SCDHEC as outlined in STRERP.

York County: The plans are adequate. The York County EOP, Annex Q, Section IV.Q.5 & 6, Equipment, states that the receipt and analysis of all field monitoring data and the coordination of sample media will be handled by SCDHEC as outlined in STRERP.

State of North Carolina: Plans are adequate. The collection and analysis of North Carolina field monitoring data and sample media is coordinated by RPS using mobile laboratory facilities. NCRERP, Section IV.H.3 states that under this plan the Department of Environment and Natural Resources (DENR) Radiation Protection Section (RPS), supported by other State agencies and departments, is responsible for radiological monitoring, supervising decontamination, and laboratory analysis for individual dose assessment.

Cleveland County: Plans are adequate. CCERP, Section III.T states that Cleveland County Public Health Department will coordinate the collection of milk samples for

analysis as directed by SERT. Section IV.G states that RPS is the lead agency in the collection and analysis of monitoring reports and air, foliage, and water samples.

Plan References

State of South

- STRERP, Section III.A
- STRERP, Appendix II

Cherokee County

- Cherokee EOP, Annex Q, Section IV.Q.5 & 6

York County

- York County EOP, Annex Q, Section IV.Q.5 & 6

State of North Carolina

- NCRERP, Sections IV.F.6-8; IV.H.3; and V.C.

Cleveland County

- CCERP, Section IV.F.6 and IV.G

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

I. Accident Assessment: *Adequate methods, systems and equipment for assessing and monitoring actual or potential offsite consequences of a radiological emergency condition are in use.*

I.7. Evaluation Criterion: Each organization shall describe the capability and resources for field monitoring within the plume exposure Emergency Planning Zone which are an intrinsic part of the concept of operations for the facility.

Criterion Statement

State of South Carolina: Plans are adequate. The State of South Carolina Operational Radiological Emergency Response Plan (SCORERP) identify that the Department of Health and Environmental Control (DHEC) is the Lead Agency for ESF-10 Hazardous Materials and is also a member of the State Assessment Team. DHEC is the lead agency in assessing hazardous materials using field teams. The State of South Carolina Technical RERP (STRERP) identifies the Nuclear Response and Emergency Environmental Surveillance Section (NREES) as the lead group within DHEC for radiological accident assessment. The Manager of NREES (or a designee) will be the Emergency Response Coordinator and the Incident Commander for DHEC. The Bureau of Land and Waste

Management within DHEC will be responsible for maintaining monitoring equipment and providing personnel for the field monitoring teams. In the event the resources of the State of South Carolina are exceeded they will request assistance from the neighboring states by invoking the Southern Mutual Radiological Assistance Plan.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. The NCEOP, TAB E, Appendix 3, Annex A identifies that for Hazardous Materials the Department of Environment and Natural Resources (DENR) is the lead state agency. RPS is a support agency. RPS will dispatch a Radiation Protection Emergency Team to the incident site to establish and supervise a system for radiological monitoring. Section IV.F Accident Assessment, states that the RPS will deploy, one survey team, within two hours of the time the decision is made. Within 12 hours, two additional teams may be deployed.

Cleveland County: **Not Applicable.**

Plan Reference

State of South Carolina

- SCORERP, Section IV.B.1.f ; V.A.4(k); Appendix 2 and
- STRERP, Section A.I; A.III.B; A.V; B.IV; Appendix II and Appendix VIII
- NREES SOP 6 and 7

State of North Carolina

- NCRERP Section III.B.3; IV.F and V.C
- NCEOP, Annex A, Appendix 3, TAB E

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- I.8. *Evaluation Criterion: Each organization, where appropriate, shall provide methods, equipment and expertise to make rapid assessments of the actual or potential magnitude and locations of any radiological hazards through liquid or gaseous release pathways. This shall include activation, notification means, field team composition, transportation, communication, monitoring equipment and estimated deployment times.*

Criterion Statement

State of South Carolina: Plans are adequate. South Carolina plans describe the methods for activation and notification of field teams. The plans describe the types of equipment to be used to make assessments. Composition of teams, deployment times, transportation and communications are all addressed in the plans. Duty performance, such as deployment, survey, and sample collection, processing and exposure control are all addressed.

Cherokee County: **Non Applicable**

York County: **Non Applicable**

State of North Carolina: Plans are adequate. The RPS SOP for Activation of RPS Personnel of the SERT indicates that the RPS will be activated at the discretion of the Director of the RPS or designee. The NCRERP Section IV.F provides a general discussion on the systems and equipment that will be used by RPS for accident assessment. One RPS team will be deployed within two hours to the site and two additional teams will be deployed within 12 hours of notification. Survey teams are usually composed of two radiation specialists although they can be composed of one radiation specialist and one with radiation awareness training. Section IV F also states that three RPS survey teams and the Mobile Laboratory will be equipped with particulate and iodine air samplers; survey team communications to the Mobile Laboratory, RPS, the plant site and the Mobile Laboratory to SERT; portable survey equipment designed to measure contamination and radiation levels.

Cleveland County: **Not Applicable**

Plan Reference

State of South Carolina

- STRERP, Section IV; Appendix II; Appendix IV; and Appendix VIII
- NREES SOP 1.1; 2.1; 2.2; 6.0; 7.0; 7.1; 7.2.7; and 7.4

State of North Carolina

- NCRERP, Section IV.E; IV.F; Section IV.I; V.C and VI. H
- RPS SOPs

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- I.9. *Evaluation Criterion: Each organization shall have a capability to detect and measure radioiodine concentrations in air in the plume exposure EPZ as low as 10^{-7} uCi/cc (micro curies per cubic centimeter) under field conditions. Interference from the presence of noble gas and background radiation shall not decrease the stated minimum detectable activity.*

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans and procedures do not specifically state the capability to detect radioiodine concentrations in air at 1 E-07 micro curies per cubic centimeter. However, the field instruments and calculation methodology that will be used indicates the capability to detect radioiodine at this concentration in the presence of noble gas.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. NCRERP, Section IV.F.3 provides a statement that RPS will be equipped with air sampling equipment for both particulate and iodine determination. The equipment is portable and battery powered. Based on the RPS sample collection and counting times the minimum detectable level for radioiodine concentrations in air will be 10E-07 micro Curies per cubic centimeter in the presence of noble gases and background radiation.

Cleveland County: **Not Applicable.**

Plan Reference

State of South Carolina

- NREES SOP 7.2.7 and SOP 7.4

State of North Carolina

- NCRERP, Section IV F.3
- RPS, SOP - Air Sampling Procedure

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- I.10. *Evaluation Criterion: Each organization shall establish means for relating the various measured parameters (e.g., contamination levels, water and air activity levels) to dose rates for key isotopes (i.e., those given in Table 3, page 18) and gross radioactivity measurements. Provisions shall be made for estimating integrated dose from the projected and actual dose rates and for comparing these estimates with the protective action guides. The detailed provisions shall be described in separate procedures.*

Criterion Statement

State of Carolina: Plans are adequate. The State of South Carolina plans and procedures specify the reporting and list the different methods that will be used to project dose release and contamination levels for both plume and ingestion pathways. The plans also list a computer calculation method to convert field measurements to dose and specify a hand calculation method for the dose assessment of ingestion pathway samples in the event computer modeling is not available.

Cherokee County:

Not Applicable

York County:

Not Applicable

State of North Carolina: Plans are adequate. NCRERP, Section IV.F.8 provides the statement that the RPS will use all available data to project the public radiation dose. Section IV.H.2.i states that for the plume phase computerized dose projections supplemented by field and laboratory measurements will be used by RPS to assess projected exposure due to inhalation, direct radiation, or the consumption of contaminated food, milk and water. The RPS SOP Draft Procedure for Dose Projection Using RASCAL v3.0.4 will provide the instructions to the Dose Assessment Leader and the Dose Assessment Assistant on the use of the RASCAL computer model for dose projections during the plume phase event.

Cleveland County: Not Applicable.

Plan Reference

State of South Carolina

- STRERP, Section B.V; Appendix 1; Appendix III
- NREES SOP 6.0, Section 4.1, 4.2, 4.3 and 7.4

State of North Carolina

- NCRERP, Section IV.F.8; IV.H.2 and IV.I
- RPS SOP, Draft Procedure for Dose Projection Using RASCAL V3.0.04

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- I.11. Evaluation Criterion: Arrangements to locate and track the airborne radioactive plume shall be made, using either or both Federal and State resources.*

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina field monitoring teams will traverse the plume centerline and also define the boundary of the plume. As necessary, DHEC, Emergency Response Coordinator will request radiological assistance from the Southern Mutual Radiation Assistance Plan (SMRAP), the Department of Energy (DOE) and the Emergency Management Assistance Compact (EMAC) through the SCEMD and the Governor's office.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. NCRERP, Section IV.F.2 provides information on the RPS field monitoring capability, including number of teams, mobile lab communications equipment, portable survey equipment, and air sampling equipment.

Cleveland County: Not Applicable.

Plan Reference

State of South Carolina

- NREES SOP 7.1

State of North Carolina

- NCRERP, Section IV.F.2

Criterion Evaluation:

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- J. Protective Response:** *A range of protective actions has been developed for the plume exposure pathway EPZ for emergency workers and the public. In developing this range of actions, consideration has been given to evacuation, sheltering, and, as a supplement to these, the prophylactic use of potassium iodide (KI), as appropriate (66 FR 5427). Guidelines for the choice of protective actions during an emergency, consistent with Federal guidance, are developed and in place, and protective actions for the ingestion exposure pathway EPZ appropriate to the locale have been developed.*
- J.2. Evaluation Criterion:** *Each licensee shall make provisions for evacuation routes and transportation for onsite individuals to some suitable offsite location, including alternatives for inclement weather, high traffic density and specific radiological conditions.*

Criterion Statement

State of South Carolina: Plans are adequate. SCEMD is scheduled to incorporate the WSLs evacuation time estimates into the SCORERP by January 2014. Duke has not yet determined a specific location for the relocation center. The relocation center will be located in a manner that reduces the exposure of evacuating individuals to radiological hazards arising from the emergency condition. Consideration will also be given to prevailing traffic patterns and the effect of the plant evacuation on public evacuation activities. Final arrangements between the State of South Carolina, Cherokee County and Duke Energy are scheduled for completion by January 2014.

Cherokee County: Plans are adequate. Annex Q to the Cherokee County Emergency Operations Plan (EOP) establishes responsibility, policy and procedure to evacuate all or part of the population from any stricken or threatened disaster area within the county to locations providing relative safety and shelter, and Annex E (Law Enforcement) to the Cherokee County EOP provides for the coordination and use of all law enforcement personnel and equipment in the county during a disaster situation. Duke has not yet determined a specific location for the relocation center. The relocation center will be located in a manner that reduces the exposure of evacuating individuals to radiological hazards arising from the emergency condition. Consideration will also be given to prevailing traffic patterns and the effect of the plant evacuation on public evacuation activities. Final arrangements between the State of South Carolina, Cherokee County and Duke Energy are scheduled for completion by January 2014.

York County: **Not Applicable**

State of North Carolina: **Not Applicable**

Cleveland County: **Not Applicable**

Plan Reference

State of South Carolina

- SCORERP - Annex 13 and Annex 16

Cherokee County

- Cherokee EOP, Annex Q, II.A.1

York County

- York EOP, Q, II.A.1

State of North Carolina:

- NCRERP Figure 12, Emergency Planning Zone Plume and Sub-Zones, Emergency Evacuation Routes

Cleveland County:

- IV.E.g.(iii)

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Not Applicable

State of North Carolina:

Not Applicable

Cleveland County:

Not Applicable

- J.9. *Evaluation Criterion: Each State and local organization shall establish a capability for implementing protective measures based on protective actions guides and other criteria. This shall be consistent with the recommendations for EPA regarding exposure resulting from the passage of radioactive plumes, (EPA-400-R-92-001, May 1992) and with those of FDA/DHHS regarding radioactive contamination of human food and animal feeds as published in the Federal Register of August 13, 1998 (63 FR 43402).*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP describes their process for making protective action recommendations (PAR) and protective action decisions (Section IV.B and Appendix 3, and STRERP Section C). DHEC, ESF-10, will coordinate protective action recommendations with the SCEMD, who will coordinate consensus with the counties before the decision is made by the Governor. In the event of a fast breaking Site Area or General Emergency classification for which the SEOC will not yet be operational, Cherokee and York Counties will coordinate and activate the public alert system and the Emergency Alert System (EAS) and implement the PAR provided by the fixed nuclear facility. Cherokee County will take the lead.

STRERP, Appendix 1 provides the EPA protective action guides for the plume phase. It will also provide (see also the DHEC NREES SOP 4.3) the 1998 FDA PAG for the milk and food ingestion pathway and uses the guidance provided in FEMA REP 13, 1990, for the drinking water pathway. The 1990 drinking water criterion was superseded by the 1998 FDA guidance and needs to be updated. The appendix also lists the actions to be taken in the post plume phase if the PAGs for lactating cows, milk, fruits, vegetables, crops, grains and meat are exceeded.

Cherokee County: Plans are adequate. The EOP, Annex Q describes their process for making protective action decisions in coordination with the State and York County. Annex Q states: “During any type of event, all protective action decision- making must be coordinated with York County and with Cleveland County in North Carolina.” During an immediate response event, Cherokee County will take the lead and coordinate with the other counties, activate the public alert system and the Emergency Alert System (EAS) to implement the PAR provided by the fixed nuclear facility. During an escalating event the County will implement the protective actions recommended by the SCDHEC and ordered by the Governor.

York County: Plans are adequate. The County RERP describes their process for making protective action recommendations (PAR) and protective action decisions. During an immediate response event, York County will coordinate with the other counties under Cherokee County’s lead; activate the public alert system, the Emergency Alert System (EAS) to implement the PAR provided by the fixed nuclear facility. The County RERP, Section IV.L will provide the description of the protective response for the County. The County will implement the protective actions recommended by the SCDHEC and ordered by the Governor.

State of North Carolina: Plans are adequate. The NCRERP will provide the following to include how the protective action decisions, sounding of the public alert system and releases of Emergency Alert System (EAS) messages will be coordinated with the State of South Carolina and the Counties of Cherokee and York as appropriate for the Lee Nuclear Station (similar to the present portion on the Catawba Nuclear Station).

Cleveland County: Plans are adequate. CCERP, Section IV.E.2.d provides the PAG criteria to be used for the plume and ingestion phase.

Plan Reference

State of South Carolina:

- SCORERP, Section IV. B, Appendix III, and Annex G
- SCTRERP, Section C and Appendix 1
- NREES, SOP 4.3

Cherokee County Plan Annex Q

- Section IV.A and IV L

- Attachment A Synopsis of County Emergency Plan
- Attachment C Transportation Dependent

York County Plan Annex Q, December 2005 references:

- Section IV.A and IV.L
- Attachment A Synopsis of County Emergency Plan
- Attachment C Transportation Dependent

Proposed changes to York County Plan Annex Q, September 2007 references:

- Section IV.A and IV.L
- Attachment A Synopsis of County Emergency Plan
- Attachment C Transportation Dependent

State of North Carolina:

- NCRERP, Sections III, Figure 8; IV.F.8.iv; IV.H.2.ii; iv and v; IV.I, J and L; VIII, Figure 9 and Annex H

Cleveland County:

- CCERP, Section IV.E.2.d

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10. The organization's plans to implement protective measures for the plume exposure pathway shall include the following:

J.10.a Evaluation Criterion: Maps showing evacuation routes, evacuation areas, preselected radiological sampling and monitoring points, relocation centers in host areas, and shelter areas; (identification of radiological sampling and monitoring points shall include the designator in Table J-1 or an equivalent uniform system described in the plan);

Criterion Statement

State of South Carolina: Plans are adequate. Maps associated with the evacuation of the plume exposure pathway EPZ were included with the evacuation time estimate for WSLs. Revision to plans, including the designation of reception/relocation centers for evacuees is scheduled for January 2014. SCDHEC BLWM maintain maps that shows the environments of each fixed nuclear facility in the state.

Cherokee County: Plans are adequate. Maps associated with the evacuation of the plume exposure pathway EPZ were included with the evacuation time estimate for

WSLS. Revision to plans, including the designation of reception/relocation centers for evacuees is scheduled for January 2014.

York County: Plans are adequate. Maps associated with the evacuation of the plume exposure pathway EPZ were included with the evacuation time estimate for WSLS. Revision to plans, including the designation of reception/relocation centers for evacuees is scheduled for January 2014.

State of North Carolina: Plans are adequate. Maps associated with the evacuation of the plume exposure pathway EPZ were included with the evacuation time estimate for WSLS. Revision to plans, including the designation of reception/relocation centers for evacuees is scheduled for January 2014.

Cleveland County: Plans are adequate. Maps associated with the evacuation of the plume exposure pathway EPZ were included with the evacuation time estimate for WSLS. Revision to plans, including the designation of reception/relocation centers for evacuees is scheduled for January 2014.

Plan Reference

State of South Carolina

SCORERP - Part 7, Site Specific, Section VII

SCTERP - B.XIII; **STRERP** Appendix III Section II.A; **STRERP** Appendix III, Section II.B

Cherokee County

- Annex Q, IV.L.5.c; IV.Q.3 and 4.f

York County

- Annex Q, IV.L.5.c; Annex Q, IV.Q.3; Annex Q, IV.Q.4.f

State of North Carolina

- **NCRERP**, Section VIII; Annex I and Attachment 6

Cleveland County

- **CCERP**, Section IV.E.d.(i)

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.b Evaluation Criterion: Maps showing population distribution around the nuclear facility. This shall be by evacuation areas (licensees shall also present the information in a sector format);

Criterion Statement

State of South Carolina: Plans are adequate. Plans are scheduled to be revised by January 2014 to include population data by evacuation area.

Cherokee County: Plans are adequate. Plans are scheduled to be revised by January 2014 to include population data by evacuation area.

York County: Plans are adequate. Plans are scheduled to be revised by January 2014 to include population data by evacuation area.

State of North Carolina: Plans are adequate. Plans are scheduled to be revised by January 2014 to include population data by evacuation area

Cleveland County: Plans are adequate. – Plans are scheduled to be revised by January 2014 to include population data by evacuation area

Plan Reference

State of South Carolina

SCORERP - IV.B.4.g; Part 7, Section VII, Figure 3

STRERP - Appendix 3, Section V

Cherokee County

- Annex Q, Section IV.L.5.a and Appendix 4

York County

- Annex Q, Section IV.L.5.a.2 and Appendix 4

State of North Carolina:

- NCRERP, Section IV.H.1.a; IV.h.1.i and Annex I

Cleveland County:

- CCERP, Section IV.L.5.a

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

Request for Additional Information

J.10.c Evaluation Criterion: Means for notifying all segments of the transient and resident population;

Criterion Statement

State of South Carolina: Plans are adequate. Plans and procedures clearly identify means for notifying all segments of the transient and resident populations. Plans describe systems and method used to disseminate information to the public. These broadcast systems are accessible 24 hours a day, 7 days a week.

Cherokee County: Plans are adequate. Plans and procedures clearly identify means for notifying all segments of the transient and resident populations. Plans describe systems and method used to disseminate information to the public.

York County: Plans are adequate. Plans and procedures clearly identify means for notifying all segments of the transient and resident populations. Plans describe systems and method used to disseminate information to the public.

State of North Carolina: Plans are adequate. The NCRERP addresses the means for notifying all segments of the transient and resident population. The specific requirements of this criterion are addressed under criteria E.5, E.6 and E.7.

Cleveland County: Plans are adequate. Plans and procedures clearly identify means for notifying all segments of the transient and resident populations. Plans describe systems and method used to disseminate information to the public. These broadcast systems are accessible 24 hours a day, 7 days a week.

Plan Reference:

State of South Carolina

- See references for evaluation criteria E.5, E.6 and E.7

Cherokee County

- See evaluation criteria E.5, E.6 and E.7

York County

- See evaluation criteria E.5, E.6 and E.7

State of North Carolina

- See evaluation criteria E.5, E.6 and E.7

Cleveland County

- See evaluation criteria E.5, E.6 and E.7

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate

Cleveland County:

Adequate

J.10.d Evaluation Criterion: Means for protecting those persons whose mobility may be impaired due to such factors as institutional or other confinement;

Criterion Statement

State of South Carolina: Plans are adequate. The SCRERP includes basic information on the means for protecting those persons whose mobility may be impaired due to such factors as institutional or other confinement. Section IV.B.5.b of the SCORERP states that emergency transportation services are the primary responsibility of the affected county. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014

Cherokee County: Plans are adequate. The Cherokee County EOP Annex Q, Section IV.K Concept of Operations, Transportation provides basic information on the transportation of school children both public and private and ambulances to transport non-ambulatory individuals. WSLs site specific information is to be included in the revisions to the Cherokee County EOP, Annex Q scheduled to be completed by January 2014

York County: Plans are adequate. The York County EOPs Annex Q, Section IV.K Concept of Operations, Transportation provides basic information on the transportation of school children both public and private and ambulances to transport non-ambulatory individuals. WSLs site specific information is to be included in the revisions to the York County EOP, Annex Q scheduled to be completed by January 2014

State of North Carolina: Plans are adequate. The NCRERP Section IV.E.6, states that organizations identified in individual county REP plans are tasked with zone warning responsibilities will be given the additional responsibility of identifying within their zone hearing impaired households and provide “knock-on-the-door” type notification. The NCRERP Section H.4.i states that mobility impaired persons will be identified, as is reasonably possible, within each county segment located in the 10 mile EPZ and provided special transportation as required. Hospital and/or family care patients within the 10-mile EPZ will be evacuated utilizing emergency medical vehicles for non-ambulatory patients and available buses and vans for the ambulatory. County EMS will coordinate evacuation. The N.C. Department of Corrections will provide transportation for prisoners in both State and local correctional institutions.

Cleveland County: Plans are adequate. CCERP, Section IV.E.2.e states the actions to be taken if hospital and nursing home patients can’t be evacuated. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014

Plan Reference

State of South Carolina

- SCORERP Part 7 – Annex D Evacuation of Special Facilities

Cherokee County

- Cherokee County EOP Annex Q, IV.K; Attachment C; and Appendix 9

York County Plan

- York County EOP Annex Q, IV.K; Attachment C and Appendix 9

State of North Carolina

- NCRERP, Section IV.E; IV.H.4.i and 4.ii

Cleveland County

- CCERP, Section IV.E.2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.e Evaluation Criterion: Provisions for the use of radio protective drugs, particularly for emergency workers and institutionalized persons within the plume exposure EPZ whose immediate evacuation may be infeasible or very difficult, including quantities, storage, and means of distribution.

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP Annex F, Appendix 2 states that the DHEC Commissioner or designee is responsible for ordering the administration of KI to emergency workers, the public and non mobile institutionalized individuals. The Commissioner will issue the order when the committed effective dose equivalent (CEDE) to the thyroid is projected to be greater than 5 rem. The Commissioner's order will be distributed to state agencies, emergency workers and the public through emergency management channels, EAS and emergency news releases.

Cherokee County: Plans are adequate. The County RERP, Annex Q, Section IV.L.3.a will state that the County will not issue radio protective drugs to the general populace. This decision rests upon the Board of Commissioners of the DHEC. Attachment A will state that at the Site Area Emergency Classification the County will distribute KI to emergency workers.

York County: Plans are adequate. The County RERP, Annex Q, Section IV.L.3.a will state that the County will not issue radio protective drugs to the general populace. This decision rests upon the Board of Commissioners of the DHEC. Attachment A will state that at the Site Area Emergency Classification the County will distribute KI to emergency workers.

State of North Carolina: Plans are adequate. NCRERP, Annex K will provide the State policy for KI administration. The KI program will ensure that sufficient tablets are available for residents of the 10 mile EPZ, including institutionalized individuals and staff. The KI tablets for distribution to institutionalized individuals and the general public will be stored at the local Health Departments or other locations under the control of the local Health Director. The tablets for emergency workers will be stored at the County EOC.

Cleveland County: Plans are adequate. CCERP, Section IV, E.2.f, will provide the County Health Department actions for the distribution of KI and also its storage. The County Health Director will be responsible for the distribution and storage of KI.

Plan Reference

State of South Carolina

- SCORERP - Annex F, IV.B and C
- STRERP - Appendix I. section IV, V and VI.; Appendix IV

NREES SOP 5.3

Cherokee County

- Annex Q, Section IV.L.3.a

York County

- Annex Q, Section IV.L.3.a

State of North Carolina

- NCRERP, Annex K

Cleveland County

- CCERP, Section IV.E.2.f

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:

Adequate

Cleveland County:

Adequate

J.10.f Evaluation Criterion: State and local organizations' plans should include the method by which decisions by the State Health Department for administering radioprotective drugs to the general population are made during an emergency and the pre-determined conditions under which such drugs may be used by offsite emergency workers;

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP Annex F, Appendix 2 states that the DHEC Commissioner or designee is responsible for ordering the administration of KI to emergency workers, the public and non mobile institutionalized individuals. The Commissioner will issue the order when the committed effective dose equivalent (CEDE) to the thyroid is projected to be greater than 5 rem. However nothing herein shall be construed to limit the Commissioner's authority to issue such an order when the situation calls for prompt and timely action.

Cherokee County: Plans are adequate. SCTRERP Appendix I Sections IV, V and VI will state the SC DHEC policy for KI. The Commissioner will be responsible for the decision to administer KI. The method of distribution will be provided. In the absence of a County pre distribution plan the DHEC will ensure that KI is available to all residents.

York County: Plans are adequate. SCTRERP Appendix I Sections IV, V and VI will state the SC DHEC policy for KI. The Commissioner will be responsible for the decision to administer KI. The method of distribution will be provided. In the absence of a County pre distribution plan the DHEC will ensure that KI is available to all residents.

State of North Carolina: Plans are adequate. NCRERP, Annex K, Section IV. C states that the State Health Director or his designee will be authorized to distribute and administer KI to emergency workers, institutionalized individuals and the general public once the determination is made that radioactive iodine is present at levels of public health concern. Annex K Figure 2 will provide the criteria for the decision to authorize KI administration to emergency workers as when any thyroid exposure is reasonably suspected, projected or confirmed.

Cleveland County: Plans are adequate. CCERP, Section IV E 2 f provides the statement that the County Health Director is responsible for the distribution of KI to the general public and institutionalized individuals. KI is stored at the County Health Department.

Plan Reference

State of South Carolina

- SCORERP - Annex F, Appendix 2
- STRERP - Appendix I, Sections IV, V and VI.
- NREES SOP 5.3

State of North Carolina

- NCRERP, Annex K

Cleveland County

- CCERP, Section IV E 2 f.

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.g Evaluation Criterion: Means of relocation;

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP, Section IV.B.4, Concept of Operations, Specific – Evacuation states that the South Carolina Department of Public Safety (DPS) will coordinate evacuation operations under the auspices of ESF 16 (Emergency Traffic Management) as delineated in Annex 16 of the SCEOP. Upon notification that an evacuation order has been issued, affected counties will initiate local evacuation procedures as outlined in each county emergency operations plan. If circumstances warrant, due to rapid and substantial degradation of the level of safety at a nuclear plant, immediate evacuation may be recommended by county officials. Copies of materials to be used in directing evacuation (e.g., maps showing evacuation zones, evacuation routes, reception centers and shelters, etc.) are distributed annually to all residents of each 10-mile EPZ and are included in each “Risk” county EOP.

Cherokee County: Plans are adequate. The Cherokee County EOP Annex Q, Section IV.L.5 Concept of Operations, Protective Response, Evacuation states that in coordination with the Cherokee County Sheriff, evacuation routes will be controlled by the South Carolina Department of Public Safety at specific TACPs. It also states that special evacuation problems will be identified by the Transportation Coordinator.

York County: Plans are adequate. The York County EOP Annex Q, Section IV.L.5 Concept of Operations, Protective Response, Evacuation states that in coordination with the Cherokee County Sheriff, evacuation routes will be controlled by the South Carolina Department of Public Safety at specific TACPs. It also states that special evacuation problems will be identified by the Transportation Coordinator.

State of North Carolina: Plans are adequate. The NCRERP, Section IV.H.4.i states that the primary means of evacuation will be private vehicles and any available buses. Pick-up points/routes for those without transportation will be established as required and

publicized in an appropriate emergency information message. Identification of individuals with transportation needs can be facilitated through the use of the special needs response form in the individual nuclear power facility Emergency Planning Information Brochure.

Cleveland County: Plans are adequate. CCERP, Section IV.E.2.g states that the primary means of transportation will be private vehicles. Also, news releases will urge the sharing of rides with persons without transportation. And for those without transportation, pickup points/routes will be established and publicized in appropriate EAS messages. For evacuation routes, the Cleveland County Sheriff's Department, assisted by the State Highway Patrol and local police departments will control access to evacuated areas.

Plan Reference

State of South Carolina

- SCORERP IV.B.4; Part 7, IV.B.6 and 7.

Cherokee County

- Cherokee County EOP Annex Q, IV.K; IV.L.5 and Attachment C

York County Plan

- York County EOP Annex Q, IV.K; IV.L.5 and Attachment

State of North Carolina

- NCRERP, Sections IV.E and IV.H.4.i

Cleveland County

- CCERP, Section IV.E.2.g

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.h Evaluation Criterion: Relocation centers in host areas which are at least 5 miles, and preferably 10 miles, beyond the boundaries of the plume exposure emergency planning zone; (see J.12).

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP, Section, V.A. (g), Organization and Assignment of Responsibilities, State, ESF-6 – Mass Care states that they will provide, in conjunction with impacted counties and the American Red Cross, relocation centers and shelters that are at least 10 miles beyond the boundaries of each

FNF plume exposure emergency planning zone. Also, they will provide a uniform procedure for registration of evacuees at all relocation centers/shelters. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014

Cherokee County: Plans are adequate. The Cherokee County EOP, Annex Q, Section II.D.5, Situation, Supporting Organizations states that sheltering and mass care services will be provided by York, Spartanburg and Union Counties in South Carolina and counties in North Carolina to be identified. WSLs site specific information is to be included in the revisions to the Cherokee EOP, Annex Q scheduled to be completed by January 2014

York County: Plans are adequate. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014

State of North Carolina: Plans are adequate. NCRERP, Section IV.H.1.i states that evacuation routes, shelters, traffic control points, roadblocks, decontamination stations, hospitals and the population distribution around the individual nuclear power facility are shown on the Operations Map. WSLs site specific information is to be included in the revisions to the NCRERP scheduled to be completed by January 2014

Cleveland County: Plans are adequate. CCERP, Section IV.E.2.d.(i) states that evacuation routes, shelters, monitoring points, hospitals, and the population density will be detailed on the operations. WSLs site specific information is to be included in the revisions to the NCRERP scheduled to be completed by January 2014

Plan Reference:

State of South

- SCORERP V.A. (g); Part 7, IV.B.6.g; Annex B, III.A.2 and Appendix B.III

Cherokee County

- Cherokee County EOP Annex Q, II.D.5 and Appendix 8

York County

- York County EOP Annex Q, II.D.5 and Appendix 8

State of North Carolina

- NCRERP, Section IV.H.1.i and VIII, Figure 11

Cleveland County

- CCERP, Section ERP, IV.E.2.d. (i) and VIII, Figure 6

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:

Adequate

Cleveland County:

Adequate

J.10.i Evaluation Criterion: Projected traffic capacities of evacuation routes under emergency conditions;

Criterion Statement

State of South Carolina: Plans are adequate. For the State of South Carolina, the SCORERP currently states that traffic capacities of evacuation routes are contained in County EOPs and site specific annexes. WSLS site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014

Cherokee County: Plans are adequate. The Cherokee County EOP Annex Q, Attachment D – Traffic Capacities for Evacuation Routes provides a table with headings for Evacuation Route, Population, Vehicles, and Hourly Capacity. This table is a place holder and WSLS site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate - corrections must be made. The York County EOP Annex Q, Attachment D – Traffic Capacities for Evacuation Routes provides a table with headings for Evacuation Route, Population, Vehicles, and Hourly Capacity. This table is a place holder and WSLS site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. The NCRERP Section IV.H.4.iii.g.(5) states that the following major highways and roads within the 10-mile EPZ of each facility are designated as evacuation routes and have a projected traffic capacity under emergency conditions as shown. The table is a place holder and WSLS site specific information is to be included in the revisions to the NCRERP scheduled to be completed by January 2014.

Cleveland County: Plans are adequate. CCERP, Section IV.E.2.g.(iii).(d) states that the following major highways and secondary roads within the county are designated as primary evacuation routes. WSLS site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP IV.B.4.g; Part 7, IV.B.8.a

Cherokee County

- EOP Annex Q, Attachment D

York County

- EOP Annex Q, Attachment D

State of North Carolina

- NCRERP IV.H.4.iii.g.(5)

Cleveland County

- CCERP, Section IV.E.2.g.(iii).(d)

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

Revise the SCORERP to contain information listed above or references to the information in the county plans.

J.10.j Evaluation Criterion: Control of access to evacuated areas and organization responsibilities for such control;

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP clearly defines the responsibilities for staffing TCPs and for control of access to evacuated areas. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014.

Cherokee County: Plans are adequate. For Cherokee County, the County EOPs clearly define the responsibilities for staffing TCPs and for control of access to evacuated areas.

York County: Plans are adequate. For Cherokee County, the County EOPs clearly define the responsibilities for staffing TCPs and for control of access to evacuated areas.

State of North Carolina: Plans are adequate. The NCRERP, Section III.B.3.i.b.(8) assigns the Highway Patrol responsibility to establish assigned security roadblocks to reroute traffic and prevent entry into contaminated zones designated by SERT. Also, the Division of Parks and Recreation is responsible to assist in the warning and notification operations on rivers and lakes.

Cleveland County: Plans are adequate. CCERP, Section III.G.7 and 8 assigned the Sheriff to provide necessary traffic control measures in support of evacuation, effect security procedures of restricted areas and to establish roadblocks to reroute traffic and

prevent unauthorized entry into contaminated areas. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP - A.4.(p); Part 7, IV.B.4.a and Table to Figure 1, Traffic Control Points

Cherokee County

- Cherokee County EOP Annex Q, IV.J.2 and Appendix 1

York County

- York County EOP Annex Q, IV.J.2 and Appendix 1

State of North Carolina

- NCRERP, Section III.B.3.i.b.(8) and ii.e.(7); Section IV.H.4.iii.h and Section VIII, Figure 11

Cleveland County

- CCEP, Section III.G.7 and 8; and Section IV.E.2.g.iii.(a)

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.k Evaluation Criterion: Identification of and means for dealing with potential impediments (e.g., seasonal impassability of roads) to use of evacuation routes, and contingency measures.

Criterion Statement

State of South Carolina: Plans are adequate. The State of South Carolina, the SCORERP Section IV.B.8.a makes general reference to dealing with traffic impediments. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014.

Cherokee County: Plans are adequate. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. The NCRERP, Section III.B.3.viii.e states that upon request they will assist in the identification, containment, or removal of hazardous materials such as snow, sleet, or necessary construction equipment.

Cleveland County: Plans are adequate. The CCERP only makes general reference to dealing with traffic impediments. Section IV.E.2.g.(iii),(b) states that the N.C. Department of Transportation and local public works departments will clear evacuation routes of any impediments such as snow, ice or equipment. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP, Part 7, IV.B.8.a, Concept of Operations, Specific, Transportation

Cherokee County Plan references:

- EOP, Annex Q.IV.L

York County Plan references:

- EOP, Annex Q.IV.L

State of North Carolina

- NCRERP, Sections III.B.3.viii.e and IV.E

Cleveland County

- CCERP, Section IV.E.2.g.(iii),(b)

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.1 Evaluation Criterion: Time estimates for evacuation of various sectors and distances based on a dynamic analysis (time-motion study under various conditions) for the plume exposure pathway emergency planning zone (See Appendix 4); and

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP Section IV.B.4.g, Concept of Operations, Specific, Evacuation states that evacuation time studies for each 10-mile EPZ evacuation zone have been prepared. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014.

Cherokee County: Plans are adequate. The Cherokee County EOP Annex Q, Section IV.L.5.a, Execution, Protective Response, Evacuation includes a place holder table with the columns: ERPA, Population, and Evacuation Times for Average and Adverse Weather. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. York County EOP Annex Q, Section IV.L.5.a, Execution, Protective Response, Evacuation includes a place holder table with the columns: ERPA, Population, and Evacuation Times for Average and Adverse Weather. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. The NCRERP Figure 11, Evacuation Time Estimates states that: "A copy of the Evacuation Time Estimates is maintained on file in the Emergency Management Office and/or EOC. WSLs site specific information is to be included in the revisions to the NCRERP scheduled to be completed by January 2014.

Cleveland County: Plans are adequate. The CCERP, Section IV.E.2.g.iii.d provides for the inclusion of information regarding the evacuation time estimates. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP IV.B.4.g and Part 7, Section IV.B.6

Cherokee County

- EOP Annex Q, IV.L.5.a

York County

- EOP Annex Q, IV.L.5.a

State of North Carolina

- NCRERP Figure 11, Evacuation Time Estimates

Cleveland County Plan references:

- CCERP, Section IV.E.2.g.iii.d

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

J.10.m Evaluation Criterion: The bases for the choice of recommended protective actions from the plume exposure pathway during emergency conditions. This shall include expected local protection afforded in residential units or other shelter for direct and inhalation exposure, as well as evacuation time estimates.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Annex F references the U.S. EPA's PAGs for use in decision making regarding protective actions for the public. The STRERP Section C provides the actions that DHEC will take at the different emergency classification levels. The STRERP Appendix 1 Table 1 will provide the bases for the PAR during the plume phase event. The table provides the EPA PAG from EPA-400-92-001.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. The NCRERP, Section IV.H.2.ii, will provide the actions taken by the RPS to take protective actions for the public and emergency workers based on EPA-400-R-92-001 PAG for the plume phase. Section VIII, Figure 8 will provide examples of the actions to be taken by the state and locals at the different emergency classification levels. The ETE Study (September 12, 2007) indicates that there are no transit dependent special need facilities in the Cleveland County portion of the Lee EPZ.

Cleveland County: **Not Applicable**

Plan Reference

State of South Carolina

- SCORERP, Annex F.V
- STRERP, Section C and Appendix 1, Table 1

State of North Carolina

- NCRERP, Section IV H 2 ii and iv and Section VIII, Figures 8 and 9

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- J.11 Evaluation Criterion: Each State shall specify the protective measures to be used for the ingestion pathway, including the methods for protecting the public health [from consumption of contaminated foodstuffs] in the event of food contamination. This shall include criteria for deciding whether dairy animals should be put on stored feed. The plan shall identify & describe procedures for detecting contamination, for estimating the dose commitment consequences from the ingestion pathway and for imposing protective measures such as impoundment, decontamination, processing, decay, product diversion and preservation. Maps for recording survey and monitoring data, key land use data (e.g., farming, dairies, food processing plants, watersheds, water supply intake and treatment plants and reservoirs) shall be provided. Provisions for maps showing general crop information may be met by including all of the 50-mile ingestion pathway EPZ. Up-to-date lists of the name and location of all facilities within the ingestion pathway EPZ which regularly process milk products and other food or agricultural products originating in that EPZ shall be maintained. (NUREG-0654/FEMA-REP-1, Rev. 1, p. 64.)*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Annex G states that the STRERP outlines the responsibilities for protecting the public from ingesting radioactively contaminated food and water. These responsibilities are shared by many state agencies. DHEC is the lead state agency for ingestion exposure pathway responses. SCEMD is responsible for overall state coordination of non-technical radiological resources under this plan and the SCEOP. Environmental sampling outside the 10-mile EPZ will be directed by DHEC to define the limits of the area of radiological deposition and to begin defining levels of radioactive contamination in milk, foodstuffs, meat, other livestock, poultry and water. Additional information on sampling procedures and priorities are available in STRERP Appendices I and II, DHEC Radiological Emergency Response SOPs, and DHEC Radiological Laboratory sample collection and analysis procedures. DHEC maintains records to facilitate the implementation of ingestion protective actions. Maintained within these records are the locations of major food producers, processors, distributors, dairies, and surface water systems within the IPZ for all FNFs affecting South Carolina. DHEC, in coordination with South Carolina Department of Agriculture (SCDA), Clemson University Livestock Poultry Health (CULPH) and Clemson University Extension Services (CUCES), is responsible for the development of procedures for utilizing this information to keep affected food producers, processors, and distributors informed about PARs and required post-incident response actions. This information is updated annually by SCDA, CULPH, and CUCES.

Maps for recording information on the status of the emergency and for monitoring key land use and other ingestion-related data are developed and maintained by county agricultural or extension agents.

Cherokee County:

Not Applicable

York County:

Not Applicable

State of North Carolina: Plans are adequate. The NCRERP, Section IV.I and Annex H, Section III provides direction for the ingestion pathway EPZ counties to be in a support role with the State of North Carolina for the purpose of direction and control. In the event of a release, the agricultural community to include home gardeners, livestock owners, farmers, food processors and water supply agencies within the 50-mile IPZ of the facility will be notified of areas that may be contaminated and advised of protective actions necessary to reduce the risk of contamination to farm equipment and livestock, agricultural products, and water supplies. Steps will also be taken to identify the degree of contamination to human foods, livestock feeds, and water supplies. If necessary, controls on the food chain will be initiated and continued until cessation of undesirable conditions.

Cleveland County: Not Applicable

Plan Reference

State of South Carolina

- SCORERP Annex G, IV
- STRERP, Appendix I

State of North Carolina

- NCRERP , Section IV.H.2 and I.2; Annex H, Section III and V.A,

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Not Applicable

York County:

Not Applicable

State of North Carolina:

Adequate

Cleveland County:

Not Applicable

J.12 Evaluation Criterion: Each organization shall describe the means for registering and monitoring of evacuees at relocation centers in host areas. The personnel and equipment available should be capable of monitoring within about a 12 hour period all residents and transients in the plume exposure EPZ arriving at relocation centers.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Part 7 Section IV.B.6, Concept of Operations, Part 7-10, states that all evacuees will be processed through the shelters or reception centers as outlined in Annex B. Each evacuee will be monitored, registered, and

processed including those who elect not to accept temporary shelter. Each county will maintain records for contacting evacuees for use in traffic control and re-entry purposes. Temporary housing should be located at least five miles from the 10-mile EPZ outer boundary (15 miles from the nuclear facility site.)

Cherokee County: Plans are adequate. The Cherokee County Emergency Operations Plan, Annex Q, Section II, D 3-6, Supporting Organizations, Pgs. 8-9, states that the American Red Cross (ARC) will shelter evacuees by providing food, bedding, and clothing. ARC will register evacuees upon arrival at designated shelters and Health Services will receive assistance from ARC in providing medical care to evacuees. The Salvation Army will assist in feeding, housing, and clothing individuals in emergency situations. They will also aid in identifying and registering evacuees, as well as provide furniture, bedding, and household needs to disaster victims. Sheltering and Mass Care services will be provided by York, Spartanburg and Union counties in South Carolina. Cherokee County has mutual aid agreements with adjacent counties for emergency support. WSLs site specific information is to be included in the revisions to the CCEP scheduled to be completed by January 2014.

York County: Plans are adequate. The York County Emergency Operations Plan, Annex Q, Section II, D 3-6, Supporting Organizations, states that the American Red Cross (ARC) will register and shelter evacuees at designated shelters by providing food, bedding, and clothing. ARC will assist Health Services in providing medical care to evacuees. The Salvation Army will assist in feeding, housing, and clothing individuals in emergency situations. Sheltering and Mass Care services will be provided by Spartanburg, Union and York Counties in South Carolina and by Cleveland County in North Carolina. York County has mutual aid agreements with adjacent counties for emergency support. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. NCRERP, Section IV.H.3 states that the affected counties, with assistance and advice from the state, will be responsible for monitoring activities at public reception centers and emergency worker centers. NCRERP, Section V.B.1, Medical and Public Health Support, indicates that persons who are only contaminated will have no need for hospitalization, and will be decontaminated at Reception Centers thru showering and other non-medical cleansing methods. NCRERP, Section IV.K.9, Radiological Exposure Control, states that RPS is responsible for the coordination of monitoring, decontamination, and waste disposal actions.

Cleveland County: Plans are adequate. The Cleveland County plan identifies that the County Emergency Management Agency is responsible for the monitoring of evacuees. They will obtain trained personnel to perform the monitoring from the fire department, rescue squads and the hazardous material team. The ARC will coordinate with the County School Superintendent on the use of schools for shelters. WSLs site specific

information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP Annex F.VII.A.1, Radiological Monitoring/Decontamination
- SCORERP Part 7 Section IV.B.6, Concept of Operations

Cherokee County

- Cherokee EOP, Annex Q, Section II, D 3-6

York County

- York EOP, Annex Q, Section II, D 3-6

State of North Carolina

- NCRERP, Section IV.H.3 and V.B.1

Cleveland County

- CCERP, Section III.K and R.; IV.E.2 and VIII, Figure 6

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- K. Radiological Exposure Control: *Means for controlling radiological exposures, in an emergency, are established for emergency workers. The means for controlling radiological exposures shall include exposure guidelines consistent with EPA Emergency Worker and Lifesaving Activity Protective Action Guides.***

- K.3.a. Evaluation Criterion: *Each organization shall make provision for 24-hour-per-day capability to determine the doses received by emergency personnel involved in any nuclear accident, including volunteers. Each organization shall make provisions for distribution of dosimeters, both self-reading and permanent record devices.***

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section IV.A.1 states that all radiological emergency response organizations will be prepared to react on a 24-hour basis, and will be capable of continuous operations for a protracted period. Section IV.B.7 States that all emergency workers will be issued dosimetry and will periodically read and record their readings.

Cherokee County: Plans are adequate. The Radiological Officer or the Emergency Management Director will brief the service chiefs on the dose rates calculated for specific areas. This briefing will be held in the EOC. Service Chiefs will be instructed to closely monitor personnel who are working in contaminated areas and to arrange personnel rotations to limit accumulated dosages. Each service chief will arrange communication checks with his field personnel to determine dose rates on a 24-hour basis for the duration of the accident.

York County: Plans are adequate. The Radiological Officer or the Emergency Management Director will brief the service chiefs on the dose rates calculated for specific areas. This briefing will be held in the EOC. Service Chiefs will be instructed to closely monitor personnel who are working in contaminated areas and to arrange personnel rotations to limit accumulated dosages. Each service chief will arrange communication checks with his field personnel to determine dose rates on a 24-hour basis for the duration of the accident.

State of North Carolina: Plans are adequate. NCRERP Section IV.K, states that emergency workers will be given training in the use of current dosimetry and radiation detection instrumentation as necessary to accomplish their duties associated with the plan. North Carolina Emergency Management (NCEM) will support the RPS by issuing additional low-range (0-200mR) and/or mid-range (0-20 R) dosimeters to any person who could be exposed to significant radiation while performing their duties.

Cleveland County: Plans are adequate. CCERP, Section IV.F states Cleveland County Emergency Management Radiological Safety Officer will support county response operations by issuing instruments to appropriate Hazardous Materials (Haz Mat), fire and rescue workers as necessary. He will also issue dosimetry to Cleveland County personnel who may be subject to significant radiation. During the course of the emergency, radiation dose levels and other exposure records will be reviewed by the county RSO, N.C. Radiation Protection to formulate recommendations to the Cleveland County Board of Commissioners and to assure that workers' exposure remains below EPA recommended Protection Action Guides (PAGs). WSLS site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina:

- SCORERP - Section IV.A.1 and IV.B.7 and Annex F.IV.A; VI.D and Appendix 3
- STRERP – Section C.IX and Appendix 5., IV

Cherokee County:

- Cherokee EOP, Annex Q, Section IV.N and Attachment B

York County

- York EOP, Annex Q, Section IV.N. and Attachment

State of North Carolina

- NCRERP, Section IV.K
Cleveland County
- CCERP, Section IV.F

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

K.3.b. Evaluation Criterion: Each organization shall ensure that dosimeters are read at appropriate frequencies and provide for maintaining dose records for emergency workers involved in any nuclear accident.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina Operational Radiological Emergency Response Plan (SCORERP) Annex F, Appendix 3, Emergency Worker Radiation Exposure Records, states that emergency workers will periodically read dosimetry every 15-30 minutes and maintain a record of individual radiation exposures.

Cherokee County: Plans are adequate. The Cherokee County Emergency Operations Plan, Annex Q, Attachment B, states that no emergency worker should be in a radiation area unless he/she has been issued a Self Reading Dosimeter (SRD) and that the SRD will be read every 15 minutes and the reading will be recorded every hour on an Exposure Record Sheet.

York County: Plans are adequate. The York County Emergency Operations Plan, Annex Q, Attachment B, states that no emergency worker should be in a radiation area unless he/she has been issued a Self Reading Dosimeter (SRD) and that the SRD will be read every 15 minutes and the reading will be recorded every hour on an Exposure Record Sheet.

State of North Carolina: Plans are adequate. NCRERP, Section IV.K., Radiological Exposure Control, states that each person assigned self-reading dosimeters will be instructed to:

- Charge the dosimeter at the beginning of the shift and record the results on the form provided. Periodically check the dosimeter, record the results and the accumulated exposure, recharge the dosimeter (if necessary), and record these results on the forms provided. At the end of the shift, record the final reading, accumulated exposure, and the total exposure for the shift. Upon instruction from RPS, turn in a copy of the self-

reading dosimeter record form for analysis by RPS. Immediately leave the radiation area should self-reading dosimeter results indicate that PAGs, as determined by RPS, for emergency personnel may be exceeded and turn in the record form and TLDs for RPS analysis.

Cleveland County: Plans are adequate. CCERP, Section IV.F.3 states that the Cleveland County Emergency Management Radiological Safety Officer (RSO) will support county response operations by issuing instruments to appropriate Hazardous Materials (Haz Mat), fire and rescue workers as necessary. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP Annex F, Appendix 3
- STRERP Appendix 5., IV

Cherokee County:

- Cherokee EOP, Annex Q, Attachment B

York County:

- York EOP, Annex Q, Attachment B

State of North Carolina

- NCRERP Section IV.K.

Cleveland County

- CCERP, Section IV.F.3

Criterion Evaluation

State of South Carolina:	Adequate.
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- K.4. Evaluation Criterion: Each State and local organization shall establish the decision chain for authorizing emergency workers to incur exposures in excess of the EPA General Public Protective Action Guides (i.e., EPA PAGs for emergency workers and lifesaving activities).*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Annex F Section III, Concept of Operations, states that emergency workers may be authorized by DHEC to exceed exposure levels specified in Protective Action Guides (PAGs). This section details the

procedure for authorizing individuals to exceed the protective action guides and additional guidance is provided in STRERP Appendix I.

Cherokee County: Plans are adequate. The Cherokee EOP, Annex Q, Section N.12, states that exposure control will be regulated by guidelines from STRERP. In the event workers must incur doses in excess of Cherokee County established standards, authorization to do so will come from the County Manager or the Radiological Officer. All decisions will be discussed and authorization will be granted only when exceeding established Cherokee County exposure limits is absolutely necessary.

York County: Plans are adequate. The York EOP, Annex Q, Section N.12, states that exposure control will be regulated by guidelines from STRERP. In the event workers must incur doses in excess of York County established standards, authorization to do so will come from the County Manager or the Radiological Officer. All decisions will be discussed and authorization will be granted only when exceeding established York County exposure limits is absolutely necessary.

State of North Carolina: Plans are adequate. NCRERP, Section IV.K.8 states that RPS will review exposure records and make recommendations to the SERT Leader to assure that workers' exposures remain below EPA recommended PAGs. RPS representatives on SERT will maintain communication with the appropriate authority on-site to assure that exposure levels of emergency workers moving on and off-site are below EPA recommended PAGs.

Cleveland County: Plans are adequate. CCERP, Section IV.F states that during the course of an emergency, radiation dose levels and other exposure records will be reviewed by the county RSO and RPS to formulate recommendations to the Cleveland County Board of Commissioners and to assure that workers' exposure remains below EPA recommended Protection Action Guides (PAGs).

Plan Reference

State of South Carolina

- SCORERP Annex F Section III
- STRERP Appendix I

Cherokee County Plan references:

- Cherokee EOP, Annex Q, Section N.10c and N.12

York County:

- York EOP, Annex Q, Section N.10c and N.12

State of North Carolina

- NCRERP, Section IV.K.8

Cleveland County

- CCERP, Section IV.F.4

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

K.5.a Evaluation Criterion: Each organization as appropriate, shall specify action levels for determining the need for decontamination.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina Operational Radiological Emergency Response Plan (SCORERP) Annex F, IV.E, Contamination Action Levels, identifies contamination action levels for personnel and vehicles/equipment.

Cherokee County: Plans are adequate. The Cherokee County Emergency Operations Plan, Annex Q, Attachment B identifies contamination action levels for personnel and vehicles/equipment.

York County: Plans are adequate. The York County Emergency Operations Plan, Annex Q, Attachment B identifies contamination action levels for personnel and vehicles/equipment.

State of North Carolina: Plans are adequate. NCRERP, Section IV.K. 9 states that RPS is responsible for the coordination of monitoring, decontamination, and waste disposal actions described in Basic plan, Section III. When any monitoring station obtains radiation readings equal to or greater than the designated contamination "trigger levels" the RPS will be prepared to take steps to decontaminate and assist in the collection and containment of radiological contaminated material such as clothes and decontamination supplies. A radiation specialist may, if necessary, be dispatched to the scene to supervise the decontamination and waste disposal activities.

Cleveland County: Plans are adequate. CCERP, Section IV.F.4 and 5 states that the Cleveland County Haz Mat Team, with assistance from local fire departments and rescue squads, will coordinate monitoring, decontamination, and waste disposal actions. Should any monitoring station obtain radiation readings of up to five times normal background readings, the monitoring station will immediately notify the Cleveland County RSO. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP Annex F.IV.E
- STRERP, Appendix I, Table 1

Cherokee County

- Cherokee EOP, Annex Q, Attachment B

York County

- York EOP, Annex Q, Attachment B

State of North Carolina

- NC RERP, Section IV.K. 9

Cleveland County

- CCERP, Section IV.F.4 and 5

Criterion Evaluation

State of South Carolina:	Adequate.
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

K.5.b Evaluation Criterion: Each organization, as appropriate, shall establish the means for radiological decontamination of emergency personnel wounds, supplies, instruments and equipment, and for waste disposal.

Criterion Statement

State of South Carolina: Plans are adequate. STRERP, Appendix VI, provides a table describing methods to decontaminate contaminated individuals. After monitoring procedures have been placed in effect by SCEMD, and upon completion of his/her mission or more often as directed by supervisors, each emergency worker must report to a monitoring station or a reception center monitoring point to be monitored for radiological contamination, and if necessary, to be decontaminated.

Cherokee County: Plans are adequate. WSLS site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. The York County Emergency Operations Plan, Annex Q, IV.M, Radiological Monitoring and Decontamination, states that the York County Radiological Officer will direct all county radiological monitoring teams within the ten-mile EPZ. Specifically, this monitoring will include local RER personnel and local emergency vehicles at decontamination points. The York County Emergency Worker Decontamination Standard Operating Guideline will be utilized to complete monitoring

and the County Radiological Officer will assign teams to emergency worker decontamination stations.

State of North Carolina: Plans are adequate. NCRERP, Section IV.K.9 states that RPS is responsible for the coordination of monitoring, decontamination, and waste disposal actions.

Cleveland County: Plans are adequate. CCERP, Section IV.F states that the Cleveland County Haz Mat Team, with assistance from local fire departments and rescue squads, will coordinate monitoring, decontamination, and waste disposal actions with support from Duke Energy and RPS. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP Annex F Section VII
- STRERP Appendix VI

Cherokee County

- Cherokee EOP, Annex Q, IV.M

York County

- York EOP, Annex Q, IV.M

State of North Carolina

- NCRERP, Section IV.K.9 and V.B

Cleveland County

- CCERP, Section IV.F

Criterion Evaluation

State of South Carolina:	Adequate.
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

L. Medical and Public Health Support: Arrangements are made for medical services for contaminated injured individuals.⁵

⁵ The availability of an integrated emergency medical services system and a public health emergency plan serving the area in which the facility is located and, as a minimum, equivalent to the Public Health Service Guide for Developing Health Disaster Plans, 1974, and to the requirements of an emergency medical services system as outlined in the Emergency Medical Services System Act of 1973 (PL 93-154 and amendments in the 1979 PL 96-142), should be a part of and consistent with overall State or local disaster control plans and should be compatible with the specific overall emergency response for the facility.

- L.1. Evaluation Criterion: Each organization shall arrange for local and backup hospital and medical services having the capability for evaluation of radiation exposure and uptake, including assurance that persons providing these services are adequately prepared to handle contaminated individuals.*

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP Part 7 – Annex C, Medical and Public Health Support states that additional detailed planning is required and that letters of agreement will be obtained with primary and backup hospitals when identified. The plan identifies the Piedmont Medical Center in Rock Hill, SC as the primary hospital for the provision of medical care to contaminated injured individuals as a result of an incident at WSLs. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014.

Cherokee County: Plans are adequate. The Cherokee County EOP, Section IV.O.1 states that contaminated/injured victims will be treated at the Piedmont Medical Center should a radiological incident occur at the Lee Nuclear Station. In addition, it refers to SCORERP, Part 7, Lee Site Specific, Annex C for details. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. The York County EOP, Section IV.O.1 states that contaminated/injured victims will be treated at the Piedmont Medical Center should a radiological incident occur at the Lee Nuclear Station. In addition, it refers to SCORERP, Part 7, Lee Site Specific, Annex C for details. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. NCRERP, Section VIII, Figure 13 (proposed) has a list of local and regional hospitals in the vicinity of each of the nuclear power facilities that will support the individual facility and the surrounding communities in the event of a radiological emergency. For the Lee Nuclear Station Figure-13 lists the Cleveland Regional Medical Center. WSLs site specific information is to be included in the revisions to the NCERP scheduled to be completed by January 2014.

Cleveland County: Plans are adequate. CCERP, Section V.B.2 lists the Cleveland Regional Medical Center. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP - Annex E.III.B; Appendix 3.II and Attachment 1; and Part 7 Annex C

Cherokee County

- Cherokee EOP IV.O.1

York County

- York EOP IV.O.1
- NCRERP, Sections IV.B.5 and VIII, Figure 13

Cleveland County

- CCERP, Section V.B.2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- L.3. *Evaluation Criterion: Each State shall develop lists indicating the locations of public, private and military hospitals and other emergency medical service facilities within the State or contiguous States considered capable of providing medical support for any contaminated injured individual. The listing shall include the name, location, type of facility and capacity, and any special radiological capabilities. These emergency medical services should be able to radiologically monitor contamination personnel, and have facilities and trained personnel able to care for contaminated injured persons.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Annex E, Appendix 3.II lists 32 hospitals in South Carolina that are capable of providing treatment to contaminated/injured individuals. It also provides a bed capacity for each of the listed hospitals.

Cherokee County: **Not applicable**

York County **Not applicable**

State of North Carolina: Plans are adequate. NCRERP Section IV.B.5 refers to Section VIII, Figure13 for a list of local and regional hospitals in the vicinity of each of the nuclear power facilities that will support the individual facility and the surrounding communities in the event of a radiological emergency. Hospitals listed are capable of treating contaminated injured patients.

Cleveland County: **Not Applicable**

Plan Reference

State of South Carolina

- SCORERP Annex E, Appendix 3.II and Part 7, Annex C
- SCORERP Part 7, Annex C, Medical and Public Health Support*

State of North Carolina

- NCRERP, Section IV.B.5 and VIII, Figure 13

Criterion Evaluation

State of South Carolina ;	Adequate
Cherokee County :	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

- L.4. *Evaluation Criterion: Each organization shall arrange for transporting victims of radiological accidents to medical support facilities.*

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP Section V.A.4.(i).(2) for ESF 8, Health and Medical Services, states ESF 8 is responsible to coordinate the transport of victims of radiological accidents to medical support facilities. Part 7, Annex C, IV.A, states that ESF 8 is responsible for providing emergency transportation and coordinating medical treatment for radiologically contaminated individuals from the affected areas surrounding the WSLs.

Cherokee County: Plans are adequate. The Cherokee County EOP, Section IV.K.2.d states that transportation of contaminated/injured victims will be accomplished by designated ambulances from Upstate Carolina Medical Center EMS. Protective measures will be taken to prevent the spread of any contamination from the victim. Upon arrival at the medical facility and removal of the victim, both ambulance and attendants will go through a monitoring and decontamination station. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. The York County EOP, Section IV.K.2.d states that transportation of contaminated/injured victims will be accomplished by designated ambulances from the Piedmont Medical Center EMS. Protective measures will be taken to prevent the spread of any contamination from the victim. Upon arrival at the medical facility and removal of the victim, both ambulance and attendants will go through a monitoring and decontamination station. WSLs site specific information is to be

included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. NCRERP Section V.B.7 states that the Emergency Medical Services (EMS) Section, Facility Services Division, DHHS is responsible for developing guidelines to marshal ambulance and rescue resources and for coordinating emergency services at radiation accident sites and reception centers.

Cleveland County: Plans are adequate. CCERP, Section III.J.4 states that the Emergency Medical Services Director assists in obtaining ambulances and rescue resources to meet event requirements. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP V.A.4.(i).(2); Part 7, IV.B.9; Annex C.III.A and IV.A

Cherokee County

- Cherokee EOP IV.K.2.d and O.3

York County Plan references:

- York County EOP IV.K.2.d and IV.O.3

State of North Carolina

- NCRERP, Section V.B.7

Cleveland County

- CCERP, Section III.J.4 and V.B.3

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

M. Recovery and Reentry Planning and Post accident Operations: *General plans for recovery and reentry are developed.*

- M.1. Evaluation Criterion: Each organization, as appropriate, shall develop general plans and procedures for reentry and recovery and describe the means by which decisions to relax protective measures (e.g., allow reentry into an evacuated area) are reached. This process should consider both existing and potential conditions.*

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina Operational Radiological Emergency Response Plan (SCORERP) Section IV.B, Concept of Operations, states that, during recovery operations, the South Carolina Law Enforcement Division (SLED), in cooperation with all state and local law enforcement agencies, DHEC, Clemson University Extension Service and the State Department of Agriculture, will develop and implement plans for maintaining access control to all evacuated areas and for permanent or long-term access control to remaining restricted areas. In further support of recovery operations, SLED will assist with the development and implementation of plans to embargo or restrict transportation of contaminated food products and will assist special groups such as farmers or other individuals performing missions involving maintenance and disposition of livestock and food products. The Bureau of Land and Waste Management will advise the S.C. Emergency Preparedness Division that recovery and re-entry may be made into the evacuated area. The South Carolina Emergency Management Division (SCEMD) is expected to notify other response organizations of the plan of action. Decisions to relax protective measures and allow recovery and re-entry into an evacuated area will require a continuous estimate of the radiological situation. The estimate and calculation will be accomplished by the analysis of radiological monitoring data from air samples, milk, water, and direct radiation measurements. Re-entry will be authorized when projected doses fall below 20% of the appropriate PAG and when surface contamination is reduced below the limits on page I-2.

Cherokee County: Plans are adequate. The Cherokee County Emergency Operations Plan, Annex Q, Section IV.P., Recovery and Re-entry, states that Cherokee County will rely on STRERP and its procedures as carried out by SCDHEC for relaxing protective measures. Notification to relax protective measures will come from the SEOC to Cherokee County's EOC. Cherokee County will follow procedures as directed by the STRERP for general recovery plans.

York County: Plans are adequate. The York County Emergency Operations Plan, Annex Q, Section IV. P., Recovery and Re-entry, states that York County will rely on STRERP and its procedures as carried out by SCDHEC for relaxing protective measures. Notification to relax protective measures will come from the SEOC to York County's EOC. York County will follow procedures as directed by the STRERP for general recovery plans.

State of North Carolina: Plans are adequate. NCRERP, Section IV.L. states that recovery, reentry, and post accident operations will require a continuous estimate of the existing radiological emergency through the analysis of radiological monitoring reports, air samples, and samples of foodstuffs, foliage, and water collected within the EPZ

Cleveland County: Plans are adequate. The Cleveland County Plan, Section IV.G states that RPS will be the lead agency in the collection and analysis of monitoring reports and air, foliage, and water samples. RPS will be assisted by qualified personnel

from Duke Energy. Reentry authorization will be made by the senior elected official of the area concerned.

Plan Reference

State of South Carolina Emergency Operations Plan references:

- SCORERP Section IV.B, Concept of Operations, Pg. 11
- STRERP Appendix VII, Recovery and Re-entry, Pg. VII-1

Cherokee County

- Cherokee EOP, Annex Q, Section IV.P

York County

- York EOP, Annex Q, Section IV.P

State of North Carolina

- NCRERP, Section IV.L.

Cleveland County

- CCERP, Section IV.G

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- M.3. Evaluation Criterion: Each licensee and State plan shall specify means for informing members of the response organizations that a recovery operation is to be initiated, and of any changes in the organizational structure that may occur.*

Criterion Statement

State of South Carolina: Plans are adequate. The Bureau of Land and Waste Management shall advise SCEMD that recovery and re-entry may be made into the evacuated area. SCEMD is expected to notify other response organizations of the plan of action. Decisions to relax protective measures and allow recovery and re-entry into an evacuated area require a continuous estimate of the radiological situation. The estimate and calculation is accomplished by the analysis of radiological monitoring data from air samples, milk, water, and direct radiation measurements. Re-entry will be authorized when projected doses fall below 20% of the appropriate PAG and when surface contamination is reduced below the limits stated in the plan. ESF 10 will advise SCEMD when return or re-entry can be initiated for specific evacuated areas. SCEMD will then recommend to the Governor the date and times these phases should begin. With the Governor's concurrence, SCEMD will notify RER organizations and local governments to

proceed with return and re-entry. SCEMD is responsible for overall state coordination under this plan and the SCEOP.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. NCRERP, Section IV.L. states that the Director, NCEM, will confer with local government officials, representatives from Federal agencies, and others as necessary regarding the recommendation for reentry. When the decision and necessary agreements have been reached, the Director, NCEM, will recommend to the Governor the date and time reentry and recovery operations should begin.

Cleveland County: **Not Applicable**

Plan Reference

State of South Carolina

- SCORERP Section IV, Concept of Operations
- SCORERP Annex G, Ingestion Pathway Emergency Planning Zone
- STRERP Appendix VII, Recovery and Re-entry, Pg. VII-1

State of North Carolina

- NCRERP, Section IV.L.

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County: Not	Applicable

M.4. Evaluation Criterion: Each plan shall establish a method for periodically estimating total population exposure.

Criterion Statement

State of South Carolina: Plans are adequate. STRERP Appendix III states that the total projected exposure due to actual or projected releases is the product of individual exposure (from Sections II, III, and IV of the appendix) and population affected. Sector population will be obtained from SCORERP and the Utility. Evacuation time studies for each 10-mile EPZ evacuation zone have been prepared by the various utilities and are a part of the individual FNF emergency plan. Portions of these studies e.g., (population

densities, evacuation times and route capacities) have been excerpted from FNF emergency evacuation plans and are included in county EOPs and Site Specific annexes to this document.

Cherokee County: **Not Applicable**

York County: **Not Applicable**

State of North Carolina: Plans are adequate. NCRERP, Section IV.L.4 states that the evaluation will be based upon Environmental Protection Agency recommendations contained in EPA 400-R-92-001. Manual of Protective Actions Guides and Protective Actions for Nuclear Incidents, US Department of Health and Human Services (US DHHS), and the Federal Food and Drug Administration (FDA) regulations regarding human and animal feed, direct radiation exposure, airborne contamination, deposited contamination, terrestrial and aquatic food pathways, and water contamination will be considered in the evaluation.

Cleveland County: Not Applicable

Plan Reference

State of South Carolina

- SCORERP, Section IV.B4.g and Part 5 Section IV.B.6.e and Figure 3
- STRERP Appendix III Section V

State of North Carolina

- NCRERP, Section IV.L

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County: Not	Applicable

N. Exercises and Drills: *Periodic exercises are (will be) conducted to evaluate major portions of emergency response capabilities, periodic drills are (will be) conducted to develop and maintain key skills, and deficiencies identified as a result of exercises or drills are (will be) corrected.*

N.1.a. Evaluation Criterion: An exercise is an event that tests the integrated capability and a major portion of the basic elements existing within emergency preparedness plans and organizations. The emergency preparedness exercise shall simulate an emergency that

results in offsite radiological releases which would require response by offsite authorities. Exercises shall be conducted as set forth in NRC and FEMA rules.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that the South Carolina Emergency Management Division (SCEMD) will conduct drills and exercises as specified in NUREG-0654, FEMA REP-1, REV. 1. The South Carolina plans also indicate County governments will conduct local exercises and drills and that the exercises and drills are to be based on simulated incidents at nuclear power plants.

Cherokee County: Plans are adequate. The proposed plans for Cherokee County indicate Cherokee County will participate in RER Exercises in conjunction with exercises at the facility and as set forth in FEMA rules.

York County: Plans are adequate. The York County Plan indicates York County will participate in RER Exercises in conjunction with exercises at the facility as specified in NUREG-0654.

State of North Carolina: Plans are adequate. NCRERP, Section VIII satisfactorily addresses this criterion.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates exercises and drills will be conducted periodically under authority of Federal Regulation given in 44 CFR 350.

Plan Reference

- SCORERP, Section V.A.4 and Annex D; Part 7 Section V.4.f and Annex D
- STRERP, Appendix X, Exercises and Drills and proposed changes Appendix X

Cherokee County:

- Cherokee EOP, Annex Q, Section IV.R

York County:

- York EOP, Section IV.R and proposed changes

State of North Carolina

- NCRERP, Section VII

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:
Cleveland County:

Adequate
Adequate

N.1.b. Evaluation Criterion: An exercise shall include mobilization of State and local personnel and resources adequate to verify the capability to respond to an accident scenario requiring response. The organization shall provide for a critique of the biennial exercise by Federal and State observers/evaluators. The scenario should be varied from exercise to exercise such that the major elements of the plans and preparedness organizations are tested within a six-year period. Each organization should make provisions to start an exercise between 6: 00 p. m. and 4: 00 a. m. within a six-year period for exercising under various weather conditions. At least one exercise over a period of six years should be unannounced.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP indicates the state will exercise at least biennially with each Nuclear Power Plant (NPP) to demonstrate all emergency phase capabilities and to verify that state and county emergency plans and procedures are adequate to protect the health and safety of the public living within 10 miles of the NPP outlined in the plan. The plan further states that at least once every six years, the state will conduct a full participation exercise to include a plume phase and ingestion exposure pathway exercise. Direction and control, communications, accident assessment, protective action decision making and dissemination of emergency information to the general public will be demonstrated by state agencies involved with ingestion measures.

Cherokee County: Plans are adequate. The Cherokee County Plan indicates Cherokee County will participate in RER Exercises in conjunction with exercises at the facility. Exercises will be conducted on a frequency as set forth in NRC and FEMA Regulations. Exercises will be conducted under varying weather conditions and once every six years an exercise must commence during off-hour operation times.

York County: Plans are adequate. The York County Plan indicates York County will participate in RER Exercises in conjunction with exercises at the facility. Exercises will be conducted on a frequency as set forth in NRC and FEMA Regulations. Exercises will be conducted under varying weather conditions and once every six years an exercise must commence during off-hour operation times.

State of North Carolina: Plans are adequate. The NCRERP indicates a biennial exercise will be conducted involving one of the fixed nuclear facilities in North Carolina to test the Plan for that facility and the integrated response capabilities of participating organizations. The scenario will differ from year to year to insure that all major elements of the plan will be tested within a six-year period.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates Exercises will be conducted on an annual basis rotating between Catawba and Lee Nuclear Stations, under authority of Federal Regulation 44 CFR 350. The scenario will vary to insure that all major elements of the response agencies are tested within a six-year period.

Plan Reference

- SCORERP, Annex D and proposed changes
- SCTRERP, Appendix X and proposed changes

Cherokee County:

- Cherokee EOP, Section IV.R

York County:

- York EOP, Section IV.R and proposed changes

State of North Carolina

- NCRERP, Section VII.E

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.2. A drill is a supervised instruction period aimed at testing, developing and maintaining skills in a particular operation. A drill is often a component of an exercise. A drill shall be supervised and evaluated by a qualified drill instructor. Each organization shall conduct drills, in addition to the biennial exercise, at the frequencies indicated below:

N.2.a. Evaluation Criterion: Communications Drills

Communications with State and local governments within the plume exposure pathway Emergency Planning Zone shall be tested monthly. Communications with Federal emergency response organizations and States within the ingestion pathway shall be tested quarterly. Communications between the nuclear facility, State and local emergency operations centers, and field assessment teams shall be tested annually. Communication drills shall also include the aspect of understanding the content of messages.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate communication drills to test the overall communication and warning systems between each Nuclear Power Plant, the State Emergency Operations Center (SEOC) and risk

county Emergency Operations Centers will be tested quarterly or at more frequent intervals as deemed necessary. All communication drills will include the aspect of message comprehension.

Cherokee County: Plans are adequate. The Cherokee County plan indicates communications between the county, the Lee Nuclear Station, and SCEMD will be tested quarterly. Such drills will include the understanding and transmission of emergency messages.

York County: Plans are adequate. The York County Plan indicates communications between the county, the Lee Nuclear Station, and SCEMD will be tested quarterly. Such drills will include the understanding and transmission of emergency messages.

State of North Carolina: Plans are adequate. The NCRERP indicates state and county communications will be tested during a monthly drill; and nuclear facilities and field assessment team's communications will be tested during an annual drill.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates periodic communications drills will be conducted with Gaston and Mecklenburg Counties. Annual communications drills will be conducted between Cleveland County EOC, State EOC, the Catawba Station and the State field assessment teams.

Plan Reference

- SCORERP, Annex D and proposed changes
- STRERP, Appendix X and proposed changes

Cherokee County:

- Cherokee EOP, Section IV.R

York County:

- York EOP, Section IV. R and proposed changes

State of North Carolina

- NCRERP, Section VII.D

Cleveland County

- CCERP, Section VII.C

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.2.c. Evaluation Criterion: Medical Emergency Drills

A medical emergency drill involving a simulated contaminated individual which contains provisions for participation by local support services agencies (i.e., ambulance and offsite medical treatment facility) shall be conducted annually. The offsite portions of the medical drill may be performed as part of the required biennial exercise.

Criterion Statement

State of South Carolina: Not Applicable

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates evacuation of a simulated “contaminated injured individual” from the general public by Emergency Medical Service will be conducted biennially. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates evacuation of a simulated “contaminated injured individual” from the general public by Emergency Medical Service will be conducted biennially. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Not Applicable

Cleveland County: Plans are adequate. WSLs site specific information is to be included in the revisions to the CCERP scheduled to be completed by January 2014.

Plan Reference

Cherokee County:

- Cherokee EOP, Section IV.R

York County:

- York EOP, Section IV.R, and proposed changes.

Cleveland County

- CCERP, Section VII.C

Criterion Evaluation

State of South Carolina:

Not Applicable

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:

Not Applicable

Cleveland County:

Adequate

N.2.d. Evaluation Criterion: Radiological Monitoring Drills

Plant environs and radiological monitoring drills (onsite and offsite) shall be conducted annually. These drills shall include collection and analysis of all sample media (e.g., water, vegetation, soil and air), and provisions for communications and record keeping. The State drills need not be at each site. Where appropriate, local organizations shall participate.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate DHEC will participate in radiological monitoring drills annually. Drills will focus on the aspects of collection and analysis of all sample media, and provisions for communications and record keeping. Risk and host counties will participate in radiological monitoring drills annually and in conjunction with each CNPPD evaluated exercise. County radiological monitoring drills will focus on the aspects of monitoring and/or decontaminating emergency workers, emergency worker equipment, evacuees and vehicles. The STRERP Appendix X, Exercises and Drills, indicates the Bureau will participate in the planning and execution of such exercises as the Emergency Management Division requires. Since the Bureau plays an integral role in the assessment of accident consequences, the Bureau will participate to some extent in each exercise. The Bureau will participate fully in the annual field exercises conducted by SCEMD to fulfill the requirements of NUREG-0654. Bureau personnel will be assigned roles they normally take in the event of an actual emergency; other agency personnel, such as field monitoring teams from EQC, will augment BLWM/NREES teams and will be used to collect samples. These personnel will also participate in the annual field exercise.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates radiological monitoring drills are conducted in coordination with SCDHEC and refers to the STRERP.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates radiological monitoring drills are conducted in coordination with SCDHEC and refers to the STRERP.

State of North Carolina: Plans are adequate. NCRERP Section VII.C indicates radiological monitoring drills are conducted annually. Figure 14 the Specialized Drill Schedule, identifies types and schedule of State and County drills.

Cleveland County: Plans are adequate. CCERP, Section VII.C indicates radiological monitoring drills will be conducted in conjunction with the annual refresher training.

Plan Reference

State of South Carolina:

- SCORERP, Annex D
 - STRERP, Appendix X
- Cherokee County:
- Cherokee EOP, Section IV.R
- York County:
- York EOP, Section IV.R
- State of North Carolina
- NCRERP, Section VII.D
- Cleveland County
- CCERP, Section VII.C

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.2.e(1). Evaluation Criterion: Health Physics Drills - Health Physics drills shall be conducted semi-annually which involve response to, and analysis of, simulated elevated airborne and liquid samples and direct radiation measurements in the environment. The State drills need not be at each site.

Criterion Statement

State of South Carolina: Plans are adequate. The STRERP, Appendix X, Exercises and Drills, indicates the Bureau will participate in the planning and execution of such exercises as the Emergency Management Division requires. Since the Bureau plays an integral role in the assessment of accident consequences, the Bureau will participate to some extent in each exercise. The Bureau will participate fully in the annual field exercises conducted by SCEMD to fulfill the requirements of NUREG-0654. Bureau personnel will be assigned roles they normally take in the event of an actual emergency; other agency personnel, such as field monitoring teams from EQC, will augment BLWM/NREES teams and will be used to collect samples. These personnel will also participate in the annual field exercise.

Cherokee County: Not Applicable

York County: Not Applicable

State of North Carolina: Plans are adequate. NCRERP, Section VII.D indicates a health physics drill will be conducted semi-annually. Figure 14 the Specialized Drill Schedule indicates that DENR and RPS will conduct Health Physics drills semi-annually.

Cleveland County: Not Applicable

Plan Reference

State of South Carolina:

- STRERP, Appendix X

State of North Carolina

- NCRERP, Section VII.D

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Not Applicable

York County:

Not Applicable

State of North Carolina:

Adequate

Cleveland County:

Not Applicable

N.3. Each organization shall describe how exercises and drills are to be carried out to allow free play for decision making and to meet the following objectives. Pending the development of exercise scenarios and exercise evaluation guidance by NRC and FEMA the scenarios for use in exercises and drills shall include, but not be limited to, the following:

N.3.a Evaluation Criterion: The basic objective(s) of each drill and exercise and appropriate evaluation criteria;

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates that Exercises and drills will be designed and executed in such a manner to allow free play for decision-making and to meet the following objectives: Notification communications; warning; operations; medical emergency response; rescue response; law enforcement and fire response

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates that Exercises and drills will be designed and executed in such a manner to allow free play for decision-making and to meet the following objectives:

Drills in York County will consist of the following, with a basic objective of qualification: Notification communications; warning; operations; medical emergency response; rescue response; law enforcement and fire response

State of North Carolina: Plans are adequate. NCRERP Section VII.E indicates exercise plans will be developed under the direction of NCEM in coordination with local governments and Duke Energy.

Cleveland County: Plans are adequate. The Cleveland County Plan Section VII, Part D, Exercises, indicates the scenario for each exercise will include the exercise objectives and evaluation criteria.

Plan Reference

State of South Carolina:

- SCORERP, Annex D
- STRERP, Appendix X

Cherokee County:

- Cherokee EOP, Section IV.R

York County Plan references:

York EOP, Section IV.R

State of North Carolina

- NCRERP, Section VII.E

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.3.b Evaluation Criterion: The date(s), time period, place(s) and participating organizations;

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual. The plans indicate date(s), time period, places(s) and participating organizations.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include the following: Date, time period, place, and participating county organizations.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include the following: Date, time period, place, and participating county organizations.

State of North Carolina: Plans are adequate. The NCRERP Section VII.E indicates the exercise plan will include date(s), time period(s), location(s), and participating organizations.

Cleveland County: Plans are adequate. CCERP, Section VII.D indicates the scenario for each exercise will include: dates, time and participating organizations.

Plan Reference

State of South Carolina

- SCORERP, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County Plan references:

- York EOP, Annex Q, Section IV.R

State of North Carolina

- NCRERP, Section VII.E

Cleveland County Plan references:

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.3.c Evaluation Criterion: The simulated events;

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological

emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a list of the simulated events.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a list of the simulated events.

State of North Carolina: Plans are adequate. The NCRERP Section VII.E indicates the exercise plan will include simulated events.

Cleveland County: Plans are adequate. CCERP, Section VII.D indicates the scenario for each exercise will include the simulated events.

Plan Reference

State of South Carolina

- SCORERP, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County

- York EOP, Annex Q, Section IV.R

State of North Carolina

- NCRERP, Section VII.E

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.3.d Evaluation Criterion: A time schedule of real and simulated initiating events;

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual. Plans indicate scenario development and compliance with all criteria set forth in the FEMA REP Exercise Scenario Review Checklist.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a time schedule of real, initiating, and anticipated events (Scenario).

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a time schedule of real, initiating, and anticipated events (Scenario).

State of North Carolina: Plans are Adequate. NCRERP Section VII.E indicates the scenario will include a time schedule of real and simulated initiating events.

Cleveland County: Plans are Adequate. CCERP, Section VII.D indicates the scenario for each exercise will include simulated events and a time schedule of real and simulated events.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County

- York EOP, Annex Q, Section IV.R

State of North Carolina

- NCRERP, Section VII.E

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.3.e Evaluation Criterion: A narrative summary describing the conduct of the exercises or drills to include such things as simulated casualties, offsite fire department assistance, rescue of personnel, use of protective clothing, deployment of radiological monitoring teams, and public information activities; and

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual. Plans include such things as simulated casualties and offsite responders.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a narrative summary describing the conduct of the exercise.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a narrative summary describing the conduct of the exercise.

State of North Carolina: Plans are adequate. NCRERP Section VII.E indicates exercise plans will be developed and should include a narrative summary describing the conduct of the exercise.

Cleveland County: Plans are adequate. CCERP, Section VII.D indicates the scenario for each exercise will include a narrative summary.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County

- York EOP, Annex Q, Section IV.R

State of North Carolina

- NCRERP, Section VII.E

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.3.f Evaluation Criterion: A description of the arrangements for and advance materials to be provided to official observers.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual. Plans include coordination with FEMA.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a description of arrangements for advanced materials to be issued to official observers.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates each drill will be planned and prepared to include a description of arrangements for advanced materials to be issued to official observers.

State of North Carolina: Plans are adequate. The NCRERP Section VII.E indicates the exercise plan will include a description of the arrangements and advance materials to be provided to evaluators, controllers and official observers.

Cleveland County: Plans are adequate. CCERP, Section VII.D indicates the scenario for each exercise will include a description of the arrangements and advance materials to be provided to controllers, evaluators and official observers.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County

- York EOP, Annex Q, Section IV.R
State of North Carolina
- NCRERP, Section VII.E
Cleveland County
- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- N.4. Evaluation Criterion: Official observers from Federal, State or local governments will observe, evaluate, and critique the required exercises. A critique shall be scheduled at the conclusion of the exercise to evaluate the ability of organizations to respond as called for in the plan. The critique shall be conducted as soon as practicable after the exercise, and a formal evaluation should result from the critique.*

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates Cherokee County will participate in Radiological Emergency Response Exercises prepared by the SCEMD, SCDHEC and the Lee Nuclear Station. These exercises will be observed and evaluated by federal, state, and local officials. A critique will be held and retraining, if required, will be conducted.

York County: Plans are adequate. The York County Plan Section IV, Part R, Exercises and Drills, indicates York County will participate in Radiological Emergency Response Exercises prepared by the SCEMD, SCDHEC and the Lee Nuclear Station. These exercises will be observed and evaluated by federal, state, and local officials. A critique will be held and retraining, if required, will be conducted.

State of North Carolina: Plans are adequate. NCRERP, Section VII.F indicates NCEM will conduct a critique of the exercise and/or drill events as necessary. The critique will be conducted as soon as possible after the exercise or drill, with all key players, controllers and evaluators in attendance.

Cleveland County: Plans are adequate. CCERP, Section VII.D indicates qualified observers will evaluate all of the above drills. A critique will be held as soon after the exercise as possible by Federal, State and local qualified observers.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County

- York EOP, Annex Q, Section IV.R

State of North Carolina

- NCRERP, Section VII.E and F

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

N.5. Evaluation Criterion: Each organization shall establish means for evaluating observer and participant comments on areas needing improvement, including emergency plan procedural changes, and for assigning responsibility for implementing corrective actions. Each organization shall establish management control used to ensure that corrective actions are implemented.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans indicate that exercises and drills will be conducted to evaluate State and local offsite radiological emergency response capabilities and to develop and maintain skill of emergency responders under the provisions of NUREG-0654/FEMA-REP-1, Rev. 1 and the FEMA Radiological Emergency Preparedness (REP) Program Manual. WSLs site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan Section IV, Part R, Exercises and Drills, indicates a critique will be held and retraining, if required, will be conducted. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate – corrections must be made. The York County Plan Section IV, Part R, Exercises and Drills, indicates a critique will be held and retraining, if required, will be conducted. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. NCRERP, Section VII.E indicates NCEM will conduct a critique as soon as possible after the exercise or drill, with all key players, controllers and evaluators in attendance. NCEM will be responsible for recording information obtained during the Federal exercise critique, evaluating it, and implementing needed improvements in the plan and State government emergency response procedures.

Cleveland County: Plans are adequate. The Cleveland County Plan Section VII.D indicates a critique will be held as soon after the exercise as possible by Federal, State and local qualified observers. All participating organizations will correct areas of concern as soon as possible.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex D
- STRERP, Appendix X

Cherokee County

- Cherokee EOP, Annex Q, Section IV.R

York County

- York EOP, Annex Q, Section IV.R

State of North Carolina

- NCRERP, Section VII.F

Cleveland County

- CCERP, Section VII.D

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O. Radiological Emergency Response Training: *Radiological emergency response training is provided to those who may be called on to assist in an emergency.*

O.1. Evaluation Criterion: *Each organization shall assure the training of appropriate individuals.*

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP indicates the SC Emergency Management Division is responsible for coordinating radiological emergency response training with the Department of Health and Environmental Control, and ensuring all responders are properly training in accordance with Annex B, Section IV, of the SCORERP.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan indicates the Cherokee County Emergency Management Agency is responsible for training off-site emergency personnel via classroom training, exercises, and governmental conferences. Specific first responder positions will be trained locally by Cherokee County EMA. Training is completed annually and refresher courses are provided as needed.

York County: Plans are adequate. The York County Office of Emergency Management is responsible for training off-site emergency personnel via classroom training, exercises, and governmental conferences. Training is completed annually and refresher courses are provided as needed. Specific courses are listed for each responder, as well as the frequency of training.

State of North Carolina: Plans are adequate. The NCRERP indicates radiological emergency response training will be provided to individuals who may be called upon to assist with a radiological emergency. The type of training available and the agency responsible for arranging or conducting the training is also listed in the plan.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates Duke Power Company and State personnel will provide training assistance for the annual initial and follow-up training. CCERP, Section III.A indicates primary responsibility for training rests with Cleveland County.

Plan Reference:

State of South Carolina

- SCORERP, Annex B, Basic Plan, Section IV; Section V, Part A-4-a, g, & k; Section V, Part 4-F
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP Annex Q, Part S
- York County
- York EOP, Annex Q, Part S
- State of North Carolina
- NCRERP, Section III.B.2
 - NCRERP, Section VII.D
- Cleveland County
- CCERP, Section III.A, E, J and V; and Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.1.b. Evaluation Criterion: Each offsite response organization shall participate in and receive training. Where mutual aid agreements exist between local agencies such as fire, police and ambulance/rescue, the training shall also be offered to the other departments who are members of the mutual aid district.

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Annex B, Basic Plan, Section IV, indicates that state and county agency and departmental heads are responsible for ensuring employees complete the required radiological emergency response training. Annual training assessments are conducted by the state and inadequacies are addressed through additional training or refresher training.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan indicates the Cherokee County Emergency Management Agency is responsible for training off-site emergency personnel via classroom training, exercises, and governmental conferences. Specific first responder positions will be trained locally by Cherokee County EMA. Training is completed annually and refresher courses are provided as needed.

York County: Plans are adequate. The York County Plan indicates the York County Office of Emergency Management is responsible for training off-site emergency personnel via classroom training, exercises, and governmental conferences. Training is completed annually and refresher courses are provided as needed. Specific courses are listed for each responder, as well as the frequency of training.

State of North Carolina: Plans are adequate. NCRERP, Section VII.C indicates that North Carolina will provide response training for individuals who may be called upon to assist in an emergency, including participants under mutual aid agreements.

Cleveland County: Plans are adequate. CCERP, Section VII.B.2 states that initial training and retraining of personnel will be done annually. Duke Energy and State personnel will provide training assistance.

Plan Reference

State of South Carolina

- SCORERP, Annex B, Basic Plan, Section IV; Section V, Part A-4-a, g, & k and Section V, Part 4-F
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP (proposed), Annex Q, Part S

York County Plan references:

- York EOP Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Cleveland County Plan

- CCERP, Section VII.B.2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.4 Each organization shall establish a training program for instructing and qualifying personnel who will implement radiological emergency response plans. The specialized initial training and periodic retraining programs (including the scope, nature and frequency) shall be provided in the following categories:

O.4.a. Evaluation Criterion: Directors or coordinators of the response organizations;

Criterion Statement

State of South Carolina: Plans are adequate. SCORERP, Annex B, Basic Plan, Section IV, *Training Programs for State and Local Agencies*, indicates State and local

directors/coordinators participate in radiological courses offered by EMI, NETC, and FEMA. Training is offered annually with refresher training 90 days prior to each biennial exercise. Refresher training is conducted annually.

Cherokee County: Plans are adequate. Cherokee EOP, Annex Q, Part S, indicates Cherokee County Emergency Management Agency (CCEMA), supported by SCEMD, is responsible for initial and annual refresher RER training of the Cherokee County EMD. The training will include: daily responsibilities, radiological defense, Governmental conferences, management seminars, workshops, and career development courses.

York County: Plans are adequate. The York County Plan, Annex Q, Part S, indicates directors and coordinators shall receive specific training covering daily responsibilities, radiological defense, Governmental conferences, management seminars, workshops, and career development courses on an annual basis after the initial training is completed.

State of North Carolina: Plans are adequate. NCRERP, Section VII.C indicates the appropriate staff will attend “Team Leadership and Coordination” Federal level training provided by the Emergency Management Institute on an annual basis after the initial training period

Cleveland County: Plans are adequate. CCERP, Section VII.B indicates the Cleveland County EMC will attend a training program to instruct and qualify in radiological emergency response procedures on an annual basis. The training will occur annually, and the Utility will provide training assistance.

Plan Reference

State of South Carolina

- SCORERP (existing and proposed), Annex B, Basic Plan, Section IV; Section V, Part A-4-a, g, & k and Section V, Part 4-F
- SCEOP (existing and proposed), Section IV, Part G-3
- STRERP (existing and proposed), Appendix IX
- STRERP (existing and proposed), Appendix IX, *Training*

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County

- York EOP, Annex Q, Part S (existing and proposed)

State of North Carolina

- NCRERP, Section VII.C

Cleveland County

- Cleveland County, Section VII.B

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.4.b. Evaluation Criterion: Personnel responsible for accident assessment;

Criterion Statement

State of South Carolina: Plans are adequate. Accident assessment personnel and radiological monitoring teams are trained by DHEC as outlined in Appendix IX, SCTRERP.

Cherokee County: Not applicable

York County: Not applicable

State of North Carolina: Plans are adequate. The NCRERP indicates that RPS is responsible for training accident assessment personnel and will consist of accident assessment organization, procedures and reports and will be conducted in conjunction with exercises.

Cleveland County: Not Applicable

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex B, Section IV
- STRERP, Appendix IX, *Training*

State of North Carolina

- NCRERP Section VII.C

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Not Applicable
York County:	Not Applicable
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

O.4.c Evaluation Criterion: Radiological monitoring teams and radiological analysis personnel.

Criterion Statement

State of South Carolina: Plans are adequate. Radiological monitoring teams are trained by DHEC.

Cherokee County: Plans are adequate. The Cherokee County EMD is responsible for radiological monitor training. The plan indicates the county Radiological Officer will conduct annual and refresher training.

York County: Plans are adequate. The York County EMD is responsible for radiological monitor training. The plan indicates the county Radiological Officer will conduct annual and refresher training.

State of North Carolina: Plans are adequate. The NCRERP indicates training for accident assessment teams shall occur annually after the initial training. Training for the RPS Field Survey Teams is the responsibility of RPS. Radiological training will also occur annually after the initial training.

Cleveland County: Not Applicable

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex B, Section IV
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County Plan references:

- York EOP, Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Not Applicable

O.4.d. Evaluation Criterion: Police, security and fire-fighting personnel;

Criterion Statement

State of South Carolina: Plans are adequate. SCEMD has developed the Fundamentals Course for Radiological Monitors and Emergency Workers which fills the training requirement for local responders and focuses on the unique aspects of South Carolina RER plans, procedures, equipment, and standards. The course is divided into 10 units and certain units are specified for different groups of emergency response personnel. When requested BLWM has a training unit assigned to give training in emergency radiological response to outside agencies. The bureau encourages other agencies to take this training.

Cherokee County: Plans are adequate. The Cherokee EOP adequately addresses the training of law enforcement, security, and fire-fighting personnel. They are trained by the Cherokee County EMA, initially followed by annual refresher training. Training topics will include: responsibilities, notification and alert procedures, sector assignments, and familiarizations with their service SOP.

York County: Plans are adequate. The York EOP adequately addresses the training of law enforcement, security, and fire-fighting personnel are trained by the York County EMA, initially followed by annual refresher training. Training topics will include: responsibilities, notification and alert procedures, sector assignments, and familiarizations with their service SOP.

State of North Carolina: Plans are adequate. NCRERP, Section VII.C.3.iv includes the section for Law Enforcement and Firefighting training. The State Highway Patrol, Alcohol Law Enforcement Division, Motor Vehicles License and Theft Section, Wildlife Resources Commission, and Forest Services have instructors and are responsible for training their personnel. State and local governments will conduct radiation emergency response training for personnel scheduled to operate within the plume and ingestion exposure pathway EPZs. Refresher training will be offered on an annual basis commencing with individual training and culminating with a field exercise.

Cleveland County: Plans are adequate. The Cleveland County Plan will train police, fire, rescue and medical support personnel annually. Training will include notification procedures, basic radiation protection, the fundamentals course for radiological monitors, and expected roles in support of radiological emergency response plans.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex B, Section IV
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County

- York EOP, Annex Q, Part S
State of North Carolina
- NCRERP, Section VII.C.3
Cleveland County Plan references:
- CCERP, Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.4.f. Evaluation Criterion: First aid and rescue personnel;

Criterion Statement

State of South Carolina: Plans are adequate. SCEMD has developed the Fundamentals Course for Radiological Monitors and Emergency Workers which fills the training requirement for local responders and focuses on the unique aspects of South Carolina RER plans, procedures, equipment, and standards.

The Bureau of Land and Waste Management encourages the training of other response organizations such as Highway Patrol, local Law Enforcement, Fire Fighters, Rescue Squads, Hospital emergency personnel, Emergency Management, etc. The Bureau of Land and Waste Management has a training unit assigned to give training (upon request), to outside agencies in emergency radiological response.

Cherokee County: Plans are adequate. The Cherokee EOP indicates the Cherokee County Emergency Management Agency will train EMS locally. Annually, these personnel will receive training to cover responsibilities, notification and alert procedures, sector assignments, and familiarization with their service SOP. This will be done by governmental conferences, tabletop exercises, and participation in the biennial radiological emergency response exercise with the facility.

York County: Plans are adequate. York EOP, Annex Q, Part S indicates the York County Emergency Management Agency will train EMS locally. Annually, these personnel will receive training to cover responsibilities, notification and alert procedures, sector assignments, and familiarization with their service SOP. This will be done by governmental conferences, tabletop exercises, and participation in the biennial radiological emergency response exercise with the facility.

State of North Carolina: Plans are adequate. The NCRERP indicates the EMS Section of DHHS is responsible for training State level EMS and rescue personnel. Refresher

training will be offered on an annual basis commencing with individual training and culminating with a field exercise.

Cleveland County: Plans are adequate. The Cleveland County plan indicates initial training and retraining of personnel will be done annually. Duke Power Company and State personnel will provide training assistance. Included in this training will be: notification procedures, basic radiation protection, the fundamentals course for radiological monitors, and expected roles in support of radiological emergency response plans.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex B, Section IVs
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County Plan references:

- York EOP, Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Cleveland County

- CCERP, Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.4.g. Evaluation Criterion: Local support services personnel including Civil Defense/Emergency Service personnel;

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP indicates County emergency preparedness directors/ coordinators are responsible for coordinating the training of local RER personnel and facilitating their attendance at SCEMD sponsored training. Local directors/coordinators participate in applicable Independent Study (IS) Courses, Radiological Courses, and federal/state training workshops and seminars. Courses and workshops offered by the National Emergency Training Center (NETC) are

listed in the current catalog of courses for the National Fire Academy and the Emergency Management Institute (EMI). Training is completed initially and then on an annual basis.

Cherokee County: Plans are adequate. The Cherokee EOP indicates The County Emergency Management Director is responsible for the county training program to include: responsibilities of county government, specific duties of the emergency services. Training is to occur initially followed by annual refresher training.

York County: Plans are adequate. York County Plan, Annex Q, Part S indicates the County Emergency Management Director is responsible for the county training program to include: responsibilities of county government, specific duties of the emergency services. Training is to occur initially followed by annual refresher training.

State of North Carolina: Plans are adequate. The NCRERP indicates training of local emergency management personnel is the responsibility of the local Emergency Management Director. This responsibility is met through conducting the County Training Program; fundamental courses for Radiological Monitors, State-sponsored EMT, Federally sponsored emergency response operation training, and participation in various training exercises and drills. Training is conducted initially and annually.

Cleveland County: Plans are adequate. The Cleveland County plan indicates initial training and retraining of personnel will be done annually. This responsibility is met through conducting the County Training Program; fundamental courses for Radiological Monitors, State-sponsored EMT, Federally sponsored emergency response operation training, and participation in various training exercises and drills. Training is conducted initially and annually.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex B, Section IV
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County

- York EOP, Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Cleveland County

- CCERP, Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate.
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.4.h. Evaluation Criterion: Medical support personnel;

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP indicates training for medical support personnel involved in transport and treatment of radiologically contaminated individuals is conducted by hospital radiation safety officers and health physicists from the utility and SCEMD personnel. Training is conducted initially followed by annual refresher training.

Cherokee County: Plans are adequate. The Cherokee County Proposed Plan indicates Radiological emergency worker training of medical support personnel is conducted by the County Emergency Management Agency initially followed by annual refresher training.

York County: Plans are adequate. The York County Plan indicates Radiological emergency worker training of medical support personnel is conducted by the County Emergency Management Agency initially followed by annual refresher training.

State of North Carolina: Plans are adequate. The NCRERP Section VII.C states that training for medical support personnel is the responsibility of the local Emergency Management Coordinator in conjunction with hospital and ambulance providers concerned. This responsibility can be met through the use State sponsored EMT and special training provided by hospitals or NCEM.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates initial training and retraining of personnel will be done annually for medical support personnel. Duke Power Company and State personnel will provide training assistance. Included in this training will be: notification procedures, basic radiation protection, fundamentals for radiological monitors, and expected roles in support of radiological emergency response plans.

Plan Reference

- State of South Carolina
 SCORERP, Basic Plan, Annex B, Section IV
- SCEOP, Section IV, Part G-3
 - STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County Plan references:

- York EOP, Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Cleveland County

- CCERP, Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

O.4.j. Evaluation Criterion: Personnel responsible for transmission of emergency information and instructions.

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP indicates the Governor's Office or its authorized representative and the utility information specialist will assure that state and local PIO(s) are trained on JIC Operations as well as transmissions procedures. Training shall occur initially followed by annual refresher training.

Cherokee County: Plans are adequate. The Cherokee EOP indicates the Emergency Spokesperson will receive initial training by Cherokee County Emergency Management Agency. Training will include responsibilities, RER Plan, dissemination of information, and development of an SOP. Annual refresher training will consist of participation in tabletop exercises, governmental conferences, and the annual RER exercise.

York County: Plans are adequate. The York County Plan indicates the Emergency Spokesperson will receive initial training by York County Office of Emergency Management. Training will include responsibilities, RER Plan, dissemination of information, and development of an SOP. Annual refresher training will consist of participation in tabletop exercises, governmental conferences, and the annual RER exercise.

State of North Carolina: Plans are adequate. NCRERP, Section VII.C states that radiological emergency response training at Federal, State and local levels will be provided to those individuals who may be called upon to assist in an emergency, including participants under mutual aid agreements. Training for communications

personnel is the responsibility of the department or agency to which they are assigned. Training at the integrated response level necessary to implement this plan will be accomplished during drills and annual exercises.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates initial training and retraining of personnel and dispatchers responsible for emergency information and instructions will be done annually. Duke Power Company and State personnel will provide training assistance. Included in this training will be: notification procedures, basic radiation protection, the fundamentals course for radiological monitors, and expected roles in support of radiological emergency response plans.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Annex B, Section IV
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County

- York EOP, Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Cleveland County

- CCERP, Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate.
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- O.5. Evaluation Criterion: Each organization shall provide for the initial and annual retraining of personnel with emergency response responsibilities.*

Criterion Statement

State of South Carolina: Plans are adequate. The SCORERP indicates SCEMD is responsible for ensuring the availability of training and that County Coordinators will ensure personnel attend annual refresher training after the initial training. The plan indicates the types and sources of training courses available, and includes a training matrix.

Cherokee County: Plans are adequate. The Cherokee EOP indicates radiological emergency response training is provided initially followed by annual refresher training for emergency responders. The type of training available for each responder is clearly listed in the plan.

York County: Plans are adequate. The York EOP indicates radiological emergency response training is provided initially followed by annual refresher training for emergency responders. The type of training available for each responder is clearly listed in the plan.

State of North Carolina: Plans are adequate. The NCRERP indicates which personnel will receive annual and refresher training, and the topics necessary to complete retraining. The agency to provide the training is listed and is complete. The plan clearly indicates available training requirements and areas of responsibility.

Cleveland County: Plans are adequate. The Cleveland County Plan indicates Duke Power and State personnel will provide training assistance. Training shall be completed initially and then annually. Included in this training will be: Notification Procedures, Basic radiation protection, The Fundamentals Course for Radiological Monitors, and expected roles in support of radiological emergency response plans

Plan Reference

State of South Carolina

- SCORERP, Annex B, Basic Plan, Section IV
- SCEOP, Section IV, Part G-3
- STRERP, Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Part S

York County

- York EOP, Annex Q, Part S

State of North Carolina

- NCRERP, Section VII.C

Cleveland County

- CCERP, Section VII.B

Criterion Evaluation

State of South Carolina:	Adequate.
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

P. Responsibility for the Planning Effort: Development, Periodic Review and Distribution of Emergency Plans: *Responsibilities for plan development and review and for distribution of emergency plans are established, and planners are properly trained.*

P.1. Evaluation Criterion: Each organization shall provide for the training of individuals responsible for the planning effort.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans contain specific training requirements and frequency of training for all agencies and individuals involved in emergency response to an incident at a nuclear power plant. SCEMD will be responsible for designing a program to enhance the training of state, local, and volunteer personnel on their roles and responsibilities in the five phases of emergency management (prevention, preparedness, response, recovery, and mitigation).

Cherokee County: Plans are adequate. Cherokee County plans state all radiological emergency response personnel, employees, or volunteers, must receive radiological emergency response training as outlined. The County Emergency Management Director will receive initial and follow-up training; training will consist of daily responsibilities, radiological defense, Governmental conferences, management seminars, workshops, and career development courses. Training will include responsibilities, RER Plan, dissemination of information, and development of an SOP. Follow-up training will consist of participation in tabletop exercises, governmental conferences, and the annual RER exercise.

York County: Plans are adequate. York County plans state all radiological emergency response personnel, employees, or volunteers, must receive radiological emergency response training. The County Emergency Management Director will receive initial and follow-up training; training will consist of daily responsibilities, radiological defense, Governmental conferences, management seminars, workshops, and career development courses. Training will include responsibilities, RER Plan, dissemination of information, and development of an SOP. Follow-up training will consist of participation in tabletop exercises, governmental conferences, and the annual RER exercise.

State of North Carolina: Plans are adequate. NCRERP, Section VII.B states the REP Program Manager will provide guidance for individuals responsible for the planning effort. Training at all levels will emphasize practical application and experience. Many types of training programs available are. Topics include: Team Leadership and coordination, Accident Assessment, Radiological monitoring, Law Enforcement and Firefighting, Emergency Medical service and rescue, local emergency response, Medical support and Communications.

Cleveland County: Plans are adequate. CCERP, Section VII.A.2 notes that the Cleveland County Emergency Management Coordinator will be the emergency planning coordinator for the County. The Emergency Management Coordinator will participate in training personnel for emergency planning, when available.

Plan Reference

State of South Carolina

- SCORERP, Section V.A.4.a; Appendix B, Section III, IV and V
- SCEOP, Section I.D.3; III.C.1.b and IV.G.3.a
- STRERP, Section B.XIII and Appendix IX

Cherokee County

- Cherokee EOP, Annex Q, Section IV.S and IV.T.4

York County

- York EOP, Annex Q, Section IV.S and IV.T.4

State of North Carolina

- NCRERP, Section VII.B.2.i and VII.C

Cleveland County

- CCERP, Section VII.A.2

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- P.2. *Evaluation Criterion: Each organization shall identify by title the individual with the overall authority and responsibility for radiological emergency response planning.*

Criterion Statement

State of South Carolina: Plans are adequate. South Carolina plans indicate SCEMD will be the lead agency for coordinating the preparation and maintenance of the State Operational RER plans and procedures for state areas that can be affected by an FNF located in South Carolina, Georgia, and North Carolina. SCEMD will also assist local governments in preparing and maintaining local RER plans. The SCEMD Director is also responsible for providing technical and planning assistance to state agencies and local governments upon request.

Cherokee County: Plans are adequate. As noted in Annex Q, Appendix 1 and Appendix 2.S, the County Emergency Management Director, supported by SCEMD, is responsible for radiological emergency response planning for the county.

York County: Plans are adequate. As noted in Annex Q, Appendix 1 and Appendix 2.S, the County Emergency Management Director, supported by SCEMD, is responsible for radiological emergency response planning for the county.

State of North Carolina: Plans are adequate. For the State of North Carolina, the Director, NCEM as the designated Emergency Planning Coordinator is responsible for the development, updating, and distribution of emergency plans and for the coordination of these plans with other response agencies at Federal, State, and local levels. The REP Program Manager will have overall authority and responsibility for radiological emergency response planning.

Cleveland County: Plans are adequate. For Cleveland County, the Cleveland County Emergency Management Coordinator is the emergency planning coordinator for the County.

Plan Reference

State of South Carolina

- SCORERP, Section V.A and Appendix 2
- SCEOP, Section III.F

Cherokee County

- Cherokee EOP, Annex Q, Appendix 1 and 2

York County

- York EOP, Annex Q, Appendix 1 and Appendix 2

State of North Carolina

- NCRERP, Sections III.B.3.i.a.(1) and VII.B.2.ii

Cleveland County

- CCERP, Section VII.A.1

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- P.3. Evaluation Criterion: Each organization shall designate an Emergency Planning Coordinator with responsibility for the development and updating of emergency plans and coordination of these plans with other response organizations.*

Criterion Statement

State of South Carolina: Plans are adequate. South Carolina plans indicate SCEMD will be the lead agency for coordinating the preparation and maintenance of the State Operational RER plans and procedures for state areas that can be affected by an FNF located in South Carolina, Georgia, and North Carolina. Overall coordination of this process will be performed by the Director of SCEMD. Designated departments and agencies of state government have the responsibility for developing and maintaining a portion of this plan. SCEMD will assist local governments in preparing and maintaining local RER plans. Reviews will be administered by SCEMD in cooperation with relevant federal, state, volunteer and private sector organizations. The plans also state that the Director of SCEMD will be responsible for providing technical and planning assistance to state agencies and local governments upon request.

Cherokee County: Plans are adequate. Cherokee County plans state the County Emergency Management Director is responsible for the revision and update of the plan. The plan will be reviewed and revised as necessary on an annual basis, after each exercise or actual emergency.

York County: Plans are adequate. York County plans state the County Emergency Management Director is responsible for the revision and update of the plan. The plan will be reviewed and revised as necessary on an annual basis, after each exercise or actual emergency.

State of North Carolina: Plans are adequate. NCRERP, Section VII.B.1 states the NCEM Director, as the designated Emergency Planning Coordinator, is responsible for the development, updating, and distribution of emergency plans and for the coordination of these plans with other response agencies at Federal, State, and local levels.

Cleveland County: Plans are adequate. CCERP, Section VII.A states that the Emergency Management Coordinator will ensure this plan and supporting agreements are reviewed and updated on an annual basis and ensure that proper distribution of identified changes will be made. The Emergency Management Coordinator will coordinate plan reviews and updates with all local agencies and organizations that are assigned responsibilities in this plan.

Plan Reference

State of South Carolina

- SCORERP, Section V.A.4.a
- SCEOP, Section IV.G.1
- STRERP, Section A.I

Cherokee County

- Annex Q, Section V.C

York County

- Annex Q, Section V.C

State of North Carolina

- NCRERP, Section VII.B.1
- NCEOP, Section III.B.2

Cleveland County

- CCERP, Section VII.A

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- P.4. *Evaluation Criterion: Each organization shall update its plan and agreements as needed, review and certify it to be current on an annual basis. The update shall take into account changes identified by drills and exercises.*

Criterion Statement

State of South Carolina: Plans are adequate. South Carolina Emergency Management Division will coordinate the development and revision of RER plans with state and local agencies and with each FNF. RER plans will be reviewed annually and updated as required. If major changes could affect state or local disaster operations prior to the date of the annual revision, RER plans will be immediately changed to reflect current capabilities.

Cherokee County: Plans are adequate. The Cherokee County Emergency Management Director will ensure that this RER Plan will be reviewed and updated annually. The County Emergency Management Director will also ensure that supporting RER SOPs will be reviewed and or updated by responsible agencies at the time of the RERP update and Copies will be distributed to all appropriate organizations and individuals.

York County: Plans are adequate. The York County Emergency Management Director will ensure that this RER Plan will be reviewed and updated annually. The County Emergency Management Director will also ensure that supporting RER SOPs will be reviewed and or updated by responsible agencies at the time of the RERP update and Copies will be distributed to all appropriate organizations and individuals.

State of North Carolina: Plans are adequate. NCRERP, Section VII.B assigns responsibility to the REP program manager to ensure that the plans and supporting plans are reviewed updated and certified current on an annual basis.

Cleveland County: Plans are adequate. CCERP, Section VII.A states that the Emergency Management Coordinator is responsible to ensure that the plan and supporting agreements are reviewed and updated on an annual basis and ensure that proper distribution of identified changes will be made. The Emergency Management Coordinator will coordinate plan reviews and updates with all local agencies and organizations that are assigned responsibilities in this plan.

Plan Reference

State of South Carolina

- SCORERP, Section V.A.4.(a).18; V.F.9 and VII
- SCEOP, Section IV.G.4

State of South Carolina Technical Radiological Emergency Response Plan references:

- STRERP Section B.XIII

Cherokee County

- Cherokee EOP, Annex Q, Section IV.T

York County

- York EOP, Annex Q, Section IV.T

State of North Carolina

- NCRERP, Section VII.B.2.iii

Cleveland County

- VIII.A.2.c

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

- P.5. *Evaluation Criterion: The emergency response plans and approved changes to the plans shall be forwarded to all organizations and appropriate individuals with responsibility for implementation of the plans. Revised pages shall be dated and marked to show where changes have been made.*

Criterion Statement

State of South Carolina: Plans are adequate. The State of South Carolina maintains a separate change document with documentation of the date of change, change notation via strikethrough and underline will be provided. A record of changes detailing the change number, pages changed, date of change, date entered and signature is provided. Plans

and approved changes shall be forwarded via the distribution list. The SCEMD Director is responsible for the distribution of the plan.

Cherokee County: Plans are adequate. The Cherokee County Emergency Management Coordinator is responsible for ensuring that this RER Plan will be reviewed and updated and distributed to all appropriate organizations and individuals. WSLS site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. The York County Emergency Management Coordinator is responsible for ensuring that this RER Plan will be reviewed and updated and distributed to all appropriate organizations and individuals. WSLS site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. NCRERP, Section VII.B states that the REP Program Manager has overall authority and responsibility for radiological emergency response planning. Updates and/or revisions to the plan will be marked where changes have been made and the revised pages will be dated

Cleveland County: Plans are adequate. CCERP, Section VII.A gives responsibility for ensuring that the plan and supporting agreements are updated and/or revised. The revised material will be marked and the revised pages will be dated.

Plan Reference

State of South Carolina

- SCORERP, Section VII
- SCEOP, Section IV.G.1
- STRERP Section B XIII

Cherokee County

- Cherokee EOP, Annex Q, Section IV.T

York County

- York EOP, Annex Q, Section IV.T

State of North Carolina

- NCRERP, Section VII.B

Cleveland County

- CCERP, Section, VII.A

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

P.6. Evaluation Criterion: Each plan shall contain a detailed listing of supporting plans and their source.

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina plans submitted for review all contain detailed listings of supporting plans and their sources.

Cherokee County: Plans are adequate. Cherokee County plans submitted for review all contain detailed listings of supporting plans and their sources.

York County: Plans are adequate. York County plans submitted for review all contain detailed listings of supporting plans and their sources.

State of North Carolina: Plans are adequate. For the State of North Carolina, the supporting plans for the North Carolina Radiological Emergency Response Plan are referenced in Attachments 1 and 2. Copies of these required documents are maintained on file in the NC Division of Emergency Management

Cleveland County: Plans are adequate. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Section IX.A, B and C
- SCEOP, Basic Plan, Section IX.A, B and C
- STRERP, Section A.II

Cherokee County

- Cherokee EOP, Annex Q, Section I.B

York County

- York EOP, Annex Q Section I.B

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate

Cleveland County:

Adequate

- P.7. *Evaluation Criterion: Each plan shall contain as an appendix listing, by title, procedures required to implement the plan. The listing shall include the section(s) of the plan to be implemented by each procedure.*

Criterion Statement

State of South Carolina: Plans are adequate. WSLS site specific information is to be included in the revisions to the SCORERP scheduled to be completed by January 2014.

Cherokee County: Plans are adequate. WSLS site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. WSLS site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. The NCRERP, Attachment 2 lists supporting plans and implementing procedures associated with the plan and what sections of the plans are implemented by each procedure.

Cleveland County: Plans are adequate. CCERP, Attachment 2 lists plans that support Cleveland County Procedures by sections.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Appendix 2

Cherokee County

- None

York County

- None

State of North Carolina

- NCRERP, Attachment 2

Cleveland County

- CCERP, Attachment 2

Criterion Evaluation

State of South Carolina:

Adequate

Cherokee County:

Adequate

York County:

Adequate

State of North Carolina:
Cleveland County:

Adequate
Adequate

- P.8. *Evaluation Criterion: Each plan shall contain a specific table of contents. Plans submitted for review should be cross-referenced to these criteria.*

Criterion Statement

State of South Carolina: Plans are adequate. The South Carolina Operational Radiological Emergency Response Plan contains a specific table of contents and a cross-reference to NUREG-0654.

Cherokee County: Plans are adequate. WSLs site specific information is to be included in the revisions to the Cherokee County EOP scheduled to be completed by January 2014.

York County: Plans are adequate. WSLs site specific information is to be included in the revisions to the York County EOP scheduled to be completed by January 2014.

State of North Carolina: Plans are adequate. The current North Carolina Radiological Emergency Response Plan for the State of North Carolina contains a Table of Contents and a cross reference to NUREG-0654 criterion.

Cleveland County: Plans are adequate. The current North Carolina Radiological Emergency Response Plan for the State of North Carolina, which contains the Cleveland County plan under Part 2 Section 4, contains a Table of Contents and a cross reference to NUREG-0654 criterion.

Plan Reference

State of South Carolina

- SCORERP, Table of Contents and NUREG-0654 Cross Reference

Cherokee County Plan references:

- Table of Contents

York County Plan references:

- Table of Contents

State of North Carolina

- NCRERP, Annex J NUREG Cross reference
- NCRERP, Table of Contents

Cleveland County Plan references:

- NCRERP, Table of Contents

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate
York County:	Adequate
State of North Carolina:	Adequate
Cleveland County:	Adequate

Criterion Statement

State of South Carolina: Plans are adequate. The State of South Carolina plans are reviewed annually and updated as required. If major changes occur that could affect operations prior to the annual review, the plans will be immediately updated to reflect changes. Communications systems shall be identified, maintained, and tested quarterly.

Cherokee County: Plans are adequate. All telephone numbers are updated quarterly by the Cherokee County Office of Emergency Management.

York County: Plans are adequate. All telephone numbers are updated quarterly by the York County Office of Emergency Management.

State of North Carolina: Plans are adequate. For the State of North Carolina, NCRERP section VIII.B.3 requires that each organization will update the telephone numbers associated with this plan and supporting internal procedures at least quarterly.

Cleveland County: Plans are adequate. CCERP, Section VII.A.2.e states that emergency telephone numbers are maintained in a current status.

Plan Reference

State of South Carolina

- SCORERP, Basic Plan, Section VI
- SCEOP, Annex 2

Cherokee County

- Cherokee EOP, Annex Q, Section IV.T.5

York County

- York County EOP, Annex Q, Section IV.T.5

State of North Carolina

- NCRERP, Section VII.B.3

Cleveland County

- CCERP, Section VII.A.2.e

Criterion Evaluation

State of South Carolina:	Adequate
Cherokee County:	Adequate

York County:
State of North Carolina:
Cleveland County:

Adequate
Adequate
Adequate

III. Schedule of Pending Actions

The States of South Carolina and North Carolina and affected local governments have established a planning framework for WSLs and committed to completing the plans once the construction decision is made by Duke Energy. When the construction schedule is known the states will be able to develop a schedule to complete their radiological emergency response plans and conduct the Qualifying Exercise.

IV. Post COL Reasonable Assurance Tracking Form

Time Frame ⁶	Evaluation Criterion ⁷	Action Needed and Applicable Exercise Evaluation Methodology ⁸	Resolution Description and Date
E-24	A.3 Lee SC-07 Lees SC-08 Lee NC-02	<p>Lee SC -07 - For Cherokee and York Counties, please provide other letters of agreements with intergovernmental or private sector providers (e.g., Duke Energy) that address agreed roles of response functions that relate to the Lee III Nuclear Station.</p> <p>Lee SC-08 - For the State of South Carolina, please provide letters of agreements and memorandums of understanding in Appendices 6, 7, 10 that relate to the Lee III Nuclear</p> <p>For Cleveland County, provide the signed agreements listed in the Cleveland County Emergency Response Plan (ERP) for the Lee Nuclear Stations Attachment 1 Authorities, References and Agreements: Cleveland County Mutual Aid Agreement with the American Red Cross and the NC Statewide Mutual Aid Agreement. Also, include other letters of agreements with intergovernmental or private sector providers (e.g., Duke Energy) that address agreed roles of response functions that relate to the Lee Nuclear Station.</p>	
	C.4 Lee SC-12	Please provide the following information and clarifications: For South Carolina and Cherokee and York Counties, provide a copy of all Letters of Agreement with all nongovernmental organizations that can be relied upon in an emergency to provide assistance.	

⁶ E - x = Months prior to qualifying exercise

⁷ NUREG 0654 FEMA-REP-1 Rev 1

⁸ Federal Register Vol. 67 No. 80, April 25, 2002

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
E-18	Lee NC-06	For Cleveland County, provide a copy of the Emergency Management Ordinance for Cleveland County, the Cleveland County Mutual Aid Agreement with the American Red Cross, and the NC State Wide Mutual Aid Agreement. Also provide a copy of any other Letters of Agreement with nongovernmental organizations that can be relied upon in an emergency to provide assistance.	
	E.6 Lee SC-88	Please provide the following information and clarifications: The plan for the prompt alert and notification system is for sirens to be installed in the EPZ and that EAS messages will be broadcast over the NWS. Provide information on the construction of the system and agreements with the NWS concerning WSLS	
	Lee NC-46	Please provide the following information and clarifications: The plan for the prompt alert and notification system is for sirens to be installed in the EPZ and that EAS messages will be broadcast over the NWS. Provide information on the construction of the system (Install and Test) and agreements with the NWS concerning WSLS	
	G.1 Lee NC-10	Please provide the following information and clarifications: Provide copies of the methods to provide educational information on radiation health effects, protective measures, evacuation routes and relocation center, sheltering, respiratory precautions and special needs of the handicapped such as information in telephone books, emergency planning annual calendars, comprehensive brochures, and postings in public areas	
	G.2 Lee NC-11	Please provide the following information and clarifications:	

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
		Provide the following additional information: Procedures for determining whether any of the notices require update and if so procedures for replacing old information exists; provision for annual audits of locations where information is posted to determine whether it is still there, legible or in need of replacement; provide copies or small-scale reproductions of all postings.	
	H.10 Lee NC-14	Please provide the following information and clarifications: For the Cleveland County EOC, provide a complete inventory of dosimetry, portal monitors, radiological survey equipment, air sampling pumps, and laboratory equipment, including models, quantities required/available, location, and backup equipment; procedures for operational checks and their frequency; and what organization is responsible for which equipment.	
	H.11 Lee NC-15	Please provide the following information and clarifications: For Cleveland County, provide the number and contents of emergency kits by location and general category, and the quantity of each individual item per kit, formatted for inclusion in a separate appendix.	
	J.10.h Lee SC-30	Please provide the following information and clarifications: For Cherokee County, provide in the Cherokee County EOP Annex Q, Section II.D.5 a listing of the counties in North Carolina that will provide sheltering and mass care services that are currently listed as: "To Be Determined."	
	Lee SC-31	Lee SC-31 - Please provide the following information and clarifications: For the State of South Carolina and Cherokee and York Counties, provide a listing of relocation centers, their	

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
	Lee NC-24	<p>capacities, the organizations responsible for managing the centers, staffing requirements and provisions for the radiological monitoring of evacuees. Also, provide Letters of Agreement or references to Letters of Agreement for resources and facilities.</p> <p>Please provide the following information and clarifications: For Cleveland County, provide a listing of relocation centers, their capacities, the organizations responsible for managing the centers, staffing requirements and provisions for the radiological monitoring of evacuees. Clarify that all relocation centers are located at least 5 miles and preferably 10 miles outside the EPZ. Provide Letters of Agreement for resources and facilities.</p>	
	J.10.j Lee SC-36	<p>Please provide the following information and clarifications: For South Carolina, provide in the SCORERP a discussion pertaining to controlling access of other transportation modes such as boats, rail and air for WLS. Also, complete SCORERP Part 7 Table to Figure 1 which is currently blank containing the statement "Additional Detailed Planning Required."</p>	
	J.12 Lee SC-91 Lee NC-30	<p>Please provide the following information and clarifications: For Cherokee and York Counties: Provide a description of the process for registering and monitoring evacuees.</p> <p>Please provide the following information and clarifications: For Cleveland County, provide an updated SOG that includes: a description of adequate resources, including trained personnel, equipment, and detailed procedures, for the radiological monitoring of a minimum of 20% of the total EPZ population in a 12-hour period at host areas such as reception (relocation) centers; the action level (as displayed by the instrument) for requiring decontamination; the means that would be used for</p>	

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
		<p>registration of evacuees at reception (relocation) centers; description of how monitoring data will be documented; description of the physical layout of the monitoring and decontamination center, including the flow of individuals and vehicles through the facility; description of contamination control methods (e.g., floor coverings, personal protective equipment worn by workers for each facility; description of re- monitoring of individuals, vehicles, and equipment after decontamination, description of procedures and facilities for handling of evacuees' contaminated possessions, including storage, security, and owner identification; identification of the agency or organization responsible for handling contaminated waste (e.g., contaminated clothing, personal articles) at reception centers; identification of medical facilities that will receive individuals with fixed contamination; and a description of procedures for addressing equipment and vehicles that cannot be decontaminated.</p>	
	K.3.a Lee NC-31	<p>Please provide the following information and clarifications: For Cleveland County, provide an updated SOG that includes:</p> <ul style="list-style-type: none"> • a description of the provisions made for 24- hour capability to determine radiation doses and access to and distribution of personal monitoring equipment, (i.e., dosimetry) to any worker who may be potentially exposed to ionizing radiation as a result of an accident; • a description of a specific contact, time, and location for the return of all dosimeters or indicate the dosimetry storage locations and quantities of available dosimetry; • a description of how dosimetry shortages during an emergency will be overcome; and • a description of the processor for the permanent record dosimeters and procedures for requiring early reading of permanent record dosimeters. 	
	K.5.b Lee SC-46	<p>Please provide the following information and clarifications: For Cherokee County, the Cherokee County Emergency Operations</p>	

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
	Lee NC-35	<p>Plan identify the locations for monitoring and decontamination of emergency workers and their equipment and vehicles</p> <p>Please provide the following information and clarifications: For Cleveland, provide an updated SOG that includes: as appropriate, shall establish the means for radiological decontamination of emergency personnel wounds, supplies, instruments and equipment, and for waste disposal.</p>	
	L.1 Lee SC-47	<p>Please provide the following information and clarifications: For Cherokee and York Counties, provide in the EOP Section IV.O.1 a list of the alternate hospital(s) when they are identified.</p>	
	L.1 Lee SC – 48	<p>Please provide the following information and clarifications: For the State of South Carolina, provide details in the SCORERP Part 7, Annex C of the Piedmont Medical Center (primary hospital) and the alternate hospital(s) when identified. For both primary and alternate hospital(s), provide copies of the Letters of Agreement referenced in Annex E Section III.b. And any other organization or individuals who will assist in the response.</p>	

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
	L.4 Lee SC-50	Please provide the following information and clarifications: For Cherokee and York Counties, provide plans and procedures that include specific information and Letters of Agreement detailing the arrangements for transporting victims of radiological accidents to medical support facilities. The plans and/or procedures must include provisions for contamination control.	
	Lee NC-38	Please provide the following information and clarifications: For Cleveland County, provide an updated SOG that includes specific information and Letters of Agreement detailing the arrangements for transporting victims of radiological accidents to medical support facilities. The plans and/or procedures must, as a minimum, include the following: The method for determining an appropriate hospital/medical facility, including the title of the person who is responsible for such determination; means for transporting individuals including requests for additional emergency medical services and Letters of Agreement for all transportation providers; Procedures for communications between the transport crew and the hospital/medical facility staff; specifics of radiological monitoring; contamination control measures during transport; decontamination techniques, including action levels; and dosimetry procedures for the transport crew.	
E-12	G.1 Lee SC-89	Provide copies of the methods to provide educational information on radiation health effects, protective measures, evacuation routes and relocation center, sheltering, respiratory precautions and special needs of the handicapped such as information in telephone books, emergency planning annual calendars, comprehensive brochures, and postings in public areas. This information is currently under development as it applies to the William States Lee III Nuclear Power Station.	
	G.2 Lee SC-90	Provide the following additional information: Procedures for determining whether any of the notices require update and if so procedures for replacing old information exists; provision for	

Time Frame6	Evaluation Criterion7	Action Needed and Applicable Exercise Evaluation Methodology8	Resolution Description and Date
		annual audits of locations where information is posted to determine whether it is still there, legible or in need of replacement; provide copies or small-scale reproductions of all postings	
E-6			
E-2	P.6 Lee NC-43	Provide an updated list of supporting plans for the Cleveland County ERP. This listing should include local or municipal plans, school district plans and hospital plans.	
	P.7 Lee SC-73	Please provide the following information and clarifications: For Cherokee and York Counties, provide the implementing procedures associated with the County Plans and indicate which sections of the plan are implemented by each procedure.	
	P.8 Lee SC-75 Lee NC-44	<p>Please provide the following information and clarifications: For Cherokee County, please provide NUREG-0654 updated cross reference tables for the Cherokee County Plan.</p> <p>Please provide the following information and clarifications: Annex J for the NCRERP needs to have Cross Reference information added for Cleveland County.</p>	
E-0	N.1.a (State/Local)	A successful qualifying exercise is conducted.	

V. REVIEW COMPOSITE SUMMARY

South Carolina Ratings Summary for the Proposed William States Lee Nuclear Station Site

Element	Rating			Element	Rating			Element	Rating		
	South Carolina	Cherokee County	York County		South Carolina	Cherokee County	York County		South Carolina	Cherokee County	York County
A.1.a	A	A	A	H.3	A	A	A	M.1	A	A	A
A.1.b	A	A	A	H.4	A	A	A	M.3	A	N/A	N/A
A.1.c	A	A ²	A	H.7	A	A	A	M.4	A	N/A	N/A
A.1.d	A	A	A	H.10	A	A	A	N.1.a	A	A	A
A.1.e	A	A	A	H.11	A	A	A	N.1.b	A	A	A
A.2.a	A	A	A	H.12	A	A	A	N.2.a	A	A	A
A.2.b	A	A	A	I.7	A	N/A	N/A	N.2.c	N/A	A	A
A.3	A	A	A	I.8	A	N/A	N/A	N.2.d	A	A	A
A.4	A	A	A	I.9	A	N/A	N/A	N.2.e(1)	A	N/A	N/A
C.1.a	A	N/A	N/A	I.10	A	N/A	N/A	N.3.a	A	A	A
C.1.b	A	N/A	N/A	I.11	A	N/A	N/A	N.3.b	A	A	A
C.1.c	A	A	A	J.2	A	A	N/A	N.3.c	A	A	A
C.2.a	A	A	A	J.9	A	A	A	N.3.d	A	A	A
C.3	A	N/A	N/A	J.10.a	A	A	A	N.3.e	A	A	A
C.4	A	A	A	J.10.b	A	A	A	N.3.f	A	A	A
D.3	A	A	A	J.10.c	A	A	A	N.4	A	A	A
D.4	A	A	A	J.10.d	A	A	A	N.5	A	A	A
E.1	A	A	A	J.10.e	A	A	A	O.1	A	A	A
E.2	A	A	A	J.10.f	A	A	A	O.1.b	A	A	A
E.5	A	A	A	J.10.g	A	A	A	O.4.a	A	A	A
E.6	A	A	A	J.10.h	A	A	A	O.4.b	A	N/A	N/A
E.7	A	A	A	J.10.i	A	A	A	O.4.c	A	A	A
F.1.a	A	A	A	J.10.j	A	A	A	O.4.d	A	A	A

F.1.b	A	A	A	J.10.k	A	A	A	O.4.f	A	A	A
F.1.c	A	A	A	J.10.l	A	A	A	O.4.g	A	A	A
F.1.d	A	A	A	J.10.m	A	N/A	N/A	O.4.h	A	A	A
F.1.e	A	A	A	J.11	A	N/A	N/A	O.4.j	A	A	A
F.2	A	A	A	J.12	A	A	A	O.5	A	A	A
F.3	A	A	A	K.3.a	A	A	A	P.1	A	A	A
G.1	A	A	A	K.3.b	A	A	A	P.2	A	A	A
G.2	A	A	A	K.4	A	A	A	P.3	A	A	A
G.3.a	A	A	A	K.5.a	A	A	A	P.4	A	A	A
G.4.a	A	A	A	K.5.b	A	A	A	P.5	A	A	A
G.4.b	A	A	A	L.1	A	A	A	P.6	A	A	A
G.4.c	A	A	A	L.3	A	N/A	N/A	P.7	A	A	A
G.5	A	A	A	L.4	A	A	A	P.8	A	A	A
								P.10	A	A	A

A = Adequate

A² = Adequate - Corrections Must Be Made

I = Inadequate

North Carolina Ratings Summary for the Proposed William States Lee Nuclear Station Site

Element	Rating		Element	Rating		Element	Rating	
	North Carolina	Cleveland County		North Carolina	Cleveland County		North Carolina	Cleveland County
A.1.a	A	A	H.3	A	A	M.1	A	A
A.1.b	A	A	H.4	A	A	M.3	A	N/A
A.1.c	A	A	H.7	A	A	M.4	A	N/A
A.1.d	A	A	H.10	A	A	N.1.a	A	A
A.1.e	A	A ²	H.11	A	A	N.1.b	A	A
A.2.a	A	A	H.12	A	A	N.2.a	A	A
A.2.b	A	A	I.7	A	N/A	N.2.c	N/A	A
A.3	A	A	I.8	A	N/A	N.2.d	A	A
A.4	A	A	I.9	A	N/A	N.2.e	A	N/A
C.1.a	A	N/A	I.10	A	N/A	N.3.a	A	A
C.1.b	A	N/A	I.11	A	N/A	N.3.b	A	A
C.1.c	A	A	J.2	N/A	N/A	N.3.c	A	A
C.2.a	A	N/A	J.9	A	A	N.3.d	A	A
C.3	A	N/A	J.10.a	A	A	N.3.e	A	A
C.4	A	A	J.10.b	A	A	N.3.f	A	A
D.3	A	A	J.10.c	A	A	N.4	A	A
D.4	A	A	J.10.d	A	A	N.5	A	A
E.1	A	A	J.10.e	A	A	O.1	A	A
E.2	A	A	J.10.f	A	A	O.1.b	A	A
E.5	A	A	J.10.g	A	A	O.4.a	A	A
E.6	A	A	J.10.h	A	A	O.4.b	A	N/A
E.7	A	A	J.10.i	A	A	O.4.c	A	N/A
F.1.a	A	A	J.10.j	A	A	O.4.d	A	A

F.1.b	A	A	J.10.k	A	A	O.4.f	A	A
F.1.c	A	A	J.10.l	A	A	O.4.g	A	A
F.1.d	A	A	J.10.m	A	N/A	O.4.h	A	A
F.1.e	A	A	J.11**	A	N/A	O.4.j	A	A
F.2	A	A	J.12	A	A	O.5	A	A
F.3	A	A	K.3.a	A	A	P.1	A	A
G.1	A	A	K.3.b	A	A	P.2	A	A
G.2	A	A	K.4	A	A	P.3	A	A
G.3.a	A	A	K.5.a	A	A	P.4	A	A
G.4.a	A	A	K.5.b	A	A	P.5	A	A
G.4.b	A	A	L.1	A	A	P.6	A	A
G.4.c	A	A	L.3	A	N/A	P.7	A	A
G.5	A	A	L.4	A	A	P.8	A	A
						P.10	A	A

A = Adequate

A² = Adequate Corrections Must Be Made

I = Inadequate

** States of North Carolina and South Carolina

VI. Acronyms and Definitions:

Acronym	Definition
ACP	Access Control Point
ARC	American Red Cross
ARESD	Analytical and Radiological Environmental Services Division
BLWM	Bureau of Land and Waste Management
CDE	Committed Dose Equivalent
CFM	Cubic Feet per Minute
CIO	Chief Information Officer
CODO	Central Office Duty Officer
COL	Combined License
DENR	Department of Environment and Natural Resources
DHR	Department of Human Resources
DHS	(U.S.) Department of Homeland Security
DIL	Derived Intervention Level
DOA	Department of Agriculture
DOE	(U.S.) Department of Energy
DOT	Department of Transportation
DRD	Direct Reading Dosimeter
DROC	Disaster Recovery Operations Center
EAL	Emergency Action Level
EAS	Emergency Alert System
ECL	Emergency Classification Level
ECV	Emergency Communications Vehicle
EMA	Emergency Management Agency
EMAC	Emergency Management Assistance Compact
EMI	Emergency Management Institute
EMS	Emergency Medical Services
ENF	Emergency Notification Form
ENN	Emergency Notification Network
ENNF	Emergency Notification Network Form
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
EPA	(U.S.) Environmental Protection Agency
EPZ	Emergency Planning Zone
ERC	Emergency Response Coordinator
ERPA	Emergency Response Planning Area
ERT	Emergency Response Team
ESC	Emergency Services Coordinator
ESF	Emergency Support Function
ETE	Evacuation Time Estimate
EW	Emergency Worker
FD	Field Director
FDA	(U.S.) Food and Drug Administration
FEMA	Federal Emergency Management Agency

Acronym	Definition
FEOC	Forward Emergency Operations Center
FMT	Field Monitoring Team
FNF	Fixed Nuclear Facility
FRERP	Federal Radiological Emergency Response Plan
FRMAC	Federal Radiological Monitoring and Assessment Center
FRMAP	Federal Radiological Monitoring and Assessment Plan
GE	General Emergency
G-M	Geiger-Mueller
HHS	Health and Human Services
IOF	Interim Operating Facility
IPZ	Ingestion Pathway Zone
JIC	Joint Information Center
KI	Potassium Iodide
LGR	Local Government Radio
LNP	Lee Nuclear Plant
LNSEP	Lee Nuclear Station Emergency Plan
LOA	Letter of Agreement
MOC	Mobile Operations Center
MOU	Memorandum of Understanding
mR/hr	milli-Roentgen per hour
MRL	Mobile Radiological Laboratory
MS-1	Medical Services Drill
NAWAS	National Warning Systems
NCEOP	North Carolina Emergency Operations Plan
NCIS	National Crime Information System
NCRERP	North Carolina Radiological Emergency Response Plan
NCRPS	North Carolina Radiation Protection Section
NETC	National Emergency Training Center
NIMS	National Incident Management System
NOUE	Notice of Unusual Event
NPP	Nuclear Power Plant
NRC	(U.S.) Nuclear Regulatory Commission
NREES	Nuclear Response and Emergency Environmental Surveillance
NRP	National Response Plan (now National Response Framework, March 2008)
NUREG	Nuclear Regulatory Commission Publication
NWS	National Weather Service
ORO	Offsite Response Organization
PAD	Protective Action Decision
PAG	Protective Action Guide
PAR	Protective Action Recommendation
PIO	Public Information Officer
PRD	Permanent Record Dosimeter
RACES	Radio Amateur Civil Emergency Services

Acronym	Definition
RAI	Request for Additional Information
RAP	Radiological Assistance Program
REA	Radiological Emergency Area
REM	Roentgen Equivalent Man
REP	Radiological Emergency Preparedness
RRA	Required for Reasonable Assurance
SCDHEC	South Carolina Department of Health and Environmental Control
SCEMD	South Carolina Emergency Management Division
SCEOP	South Carolina Emergency Operations Plan
SCORERP	South Carolina Operational Radiological Emergency Response Plan
SCTRERP	South Carolina Technical Radiological Emergency Response Plan
SCWP	South Carolina Warning Point
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
SERT	State Emergency Response Team
SHP	State Highway Patrol
SLED	South Carolina Law Enforcement Division
SMRAP	Southern Mutual Radiation Assistance Plan
SOP	Standard Operating Procedures
SRD	Self Reading Dosimeter
SRS	Savannah River Site
SSS	Selective Signaling System
STOP	Standard Technical Operating Procedures
TBD	To Be Determined
TCP	Traffic Control Point
TEDE	Total Effective Dose Equivalent
TLD	Thermoluminescent Dosimeter
UHF	Ultra-High Frequency
VHF	Very-High Frequency
WSLS	William States Lee III Nuclear Station
μCi	micro (μ) Curies