

<b>ALERT AND NOTIFICATION OF BOATERS ON LAKE WYLIE AND THE CATAWBA RIVER</b>
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**I. PURPOSE AND SCOPE**

- A. This Appendix to Annex G is to establish the organizational responsibilities and procedures for alert and notification of boaters on Lake Wylie and the Catawba River within a ten-mile radius of the Catawba Nuclear Site. These procedures ensure that boaters will be notified that an accident has occurred, that it is necessary to evacuate the lake and river area, and that radio, television and weather radios should be monitored for further instructions.
  
- B. The 10-mile emergency-planning zone (EPZ) surrounding the Catawba Nuclear Station includes Lake Wylie and segments of the Catawba River and tributaries. This Appendix was developed to ensure the safety of persons in these areas in the event of an accident at the Catawba Nuclear Station. It is essential to coordinate alert, notification, monitoring, decontamination, resources and access control procedures between federal, state and local agencies. This Appendix provides for the coordination of response and resources to be allocated between the states of North and South Carolina and local emergency response agencies of Gaston and Mecklenburg Counties (North Carolina) and York County (South Carolina).

**II. ORGANIZATION**

**A. MAJOR COORDINATING AGENCIES:**

**1. NORTH CAROLINA**

- a. NC Department of Crime Control & Public Safety, Division of Emergency Management (NCEM)
- b. Charlotte-Mecklenburg Police Department (CMPD), Lakes Enforcement Section
- c. Charlotte-Mecklenburg Police Department (CMPD), Airborne Division
- d. Wildlife Resources Commission, Enforcement Division (NC WRC)
- e. Gaston County Police Department

**2. SOUTH CAROLINA**

- a. SC Emergency Management Division (SCEMD)
- b. Department of Natural Resources, Law Enforcement Division (SCDNR/LE)
- c. York County Emergency Management Office
- d. York County Sheriff Department

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**B. SUPPORTING AGENCIES:**

1. NORTH CAROLINA

- a. NC Department of Environment & Natural Resources, Radiation Protection (RAD Protection)
- b. Gaston County Emergency Management Agency
- c. Mecklenburg County Emergency Management Agency
- d. Mecklenburg County Medic Communications Center (County Warning Point)

2. SOUTH CAROLINA

- a. SC Department of Health and Environmental Control (DHEC)
- b. York County Emergency Management Office

**C. FEDERAL**

- 1. U.S. Nuclear Regulatory Commission (NRC)
- 2. U.S. Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA)
- 3. U.S. Department of Energy (DOE)

**III. CONCEPT OF OPERATIONS**

**A. GENERAL**

The following procedures will ensure that boaters are notified that an event has occurred at the Catawba Nuclear Station requiring evacuation of the Catawba River, Lake Wylie and surrounding areas, and that radio and television stations should be monitored for further instructions.

**B. PLANNING**

This Appendix provides for the coordination of response and resources to be allocated between the states of North and South Carolina and local emergency response agencies. The agencies concerned have developed separate operational procedures, which are coordinated into a single response effort in the event of an emergency

**C. OPERATIONS**

- 1. The Lake Wylie and Catawba River Alert and Notification Appendix will be activated when a decision is made to institute alert and notification procedures for lakes, rivers, waterways, and tributaries and adjacent recreation areas within the 10 mile EPZ. Precautionary evacuation can be accomplished at any time prior to declaration of Site Area emergency.
- 2. Protective actions within water operational areas and associated shorelines will concentrate on evacuating people from threatened areas and then controlling access to these areas. The alert and notification of the boaters on Lake Wylie and the Catawba River within a ten-mile radius

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of the Catawba Nuclear Station will be accomplished using boats equipped with warning lights, sirens and public address systems and airborne red marine flares. Fixed and rotary wing aircraft (if available and weather permitting) will be used to assist with verification of clearing activity

3. When directed, boats/vessels will patrol assigned areas covering all navigable river, creek, lake and cove areas making contact with boaters and other individuals in the area, informing them of potential dangers to health/safety and instructing them to evacuate the area. Boats will cover pre-assigned areas at an appropriate speed for current weather and safety conditions while displaying warning lights, using sirens and public address systems and launching red flares. See Tab 1 for Patrol Areas and assigned patrol organization.
4. Signs informing boaters of the meaning of the red flares and siren signals are to be placed in advance by the Catawba NS at boat access points on the lake. See Attachments 2 and 3 for content of the signs and their locations.
5. The Charlotte-Mecklenburg Police Department helicopter and North Carolina Wildlife Resources Commission fixed wing aircraft will act as observers for lake operations. Both aircraft will report to command and control any problems they observe. In addition, both aircraft can communicate with each other via air-to-air communication.
6. Air support is needed for coverage of the Catawba River below the Wylie Dam south to Manchester Creek (Patrol Area 8). Due to numerous rocks and low water levels access is restricted to shallow draft (canoe or kayak) boats only.
7. Personnel operating boats or aircraft assigned to accomplish Lake Warning & Notification will be provided with personal dosimeters and TLD's. Dosimeters and TLD's will be obtained from the closest risk county (York, Gaston or Mecklenburg) emergency management agency at the time of Appendix execution. Exposure limits will be IAW the applicable State Plan.

**IV. COMMAND AND CONTROL**

- A. Primary command and control for the Lake Alert & Notification Team will be the responsibility of a Command and Control Team (Lake C&C) composed of representatives from the following organizations:
  1. South Carolina Department of Natural Resources, Law Enforcement Division (SCDNR/LE)
  2. York County Sheriff Department
  3. Charlotte-Mecklenburg Police Department, Lakes Enforcement Division
  4. North Carolina Wildlife Resources Commission
- B. The SCDNR/LE representative will act as the Lake C&C Team Leader. The primary functions and mission of the C&C Team are as follows:
- C. To direct and control alert and notification activity on Lake Wylie and the Catawba River and ensure timely evacuation or restrict access to the area, as conditions

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warrant.

D. The C&C team will operate from the following locations:

1. Primary: SCDNR Law Enforcement office, York, SC
2. Alternate:
  - a. CMPD Steel Creek Division, Lake Enforcement Office
  - b. CMPD Mobile Command Post

(Command and control site will be confirmed at the time of Appendix execution.)

E. Radio communication for lake warning and notification is as follows:

1. Radio communication will be via a combination of UHF, VHF and 800 Mhz radios.
2. All boats will report via radio to the C&C team at the control center location.
3. Any problems or request for assistance will be handled through the C&C team.

F. The C&C Team will activate the control facility for 24-hour operations when alert and notification activities are activated or directed. At this time the C&C Team will verify individual organization resources are available to conduct warning operations in their assigned zone.

G. Execution of safety zones will commence when alert and notification activities are activated or by direction.

H. All units associated with Lake Alert & Notification will use VHF radios (frequencies assigned the SC DNR Repeater) for radio communication for alert and notification activity

I. The North Carolina C&C team members will maintain communications with the Charlotte-Mecklenburg and Gaston County Emergency Operations Center's (EOC) via commercial telephone and to advise on the status of lake operations. If telephones are unavailable, information will be relayed via NC WRC or CMPD radios.

## **V. RESPONSIBILITIES**

### **A. MAJOR COORDINATING ORGANIZATIONS**

#### **1. NORTH CAROLINA**

- a. NORTH CAROLINA EMERGENCY MANAGEMENT DIVISION (NCEM)
  - (i) Coordinate with SCEMD to develop and maintain procedures for alert and notification on Lake Wylie and the Catawba River.
  - (ii) Act as the main agency for coordination activity between North and South Carolina.

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- (iii) Ensure North Carolina resources and manpower are available and trained for alert and notification operations.
  - (iv) Coordinate assignment of additional North Carolina state resources if requested to support lake alert operations.
  - (v) Activate the Emergency Alert System (EAS) and the National Weather Service Radio Broadcast System to support operations in the marine area.
  - (vi) After assuming direction and control, serve as the primary point of coordination between all State, Federal and local agencies.
  - (vii) Provide support as needed to any Federal Teams dispatched to assist with lake warning operations.
- b. **CHARLOTTE-MECKLENBURG EMERGENCY MANAGEMENT OFFICE (EMO)**
  - (i) Develop and maintain procedures for warning and notification on Lake Wylie and the Catawba River.
  - (ii) Ensure resources and manpower are available and trained for warning and notification operations.
  - (iii) Arrange for available local resources, as requested, to support water operations.
  - (iv) If the EOC is fully activated the EMO will coordinate with Gaston Co EOC to initiate lake and river warning operations as necessary. EMO will advise York and Gaston County EOC of initiation actions, if SCDNR has not initiated alert and notification operations.
  - (v) Assist training of CMPD personnel in radiological exposure control procedures annually.
  - (vi) The EMO will maintain communications with the NCEM Western Branch Office (WBO) via commercial telephone and to advise on the status of lake operations
- c. **CHARLOTTE-MECKLENBURG COUNTY MEDIC COMMUNICATION CENTER (COUNTY WARNING POINT)**
  - (i) Receive messages from the Catawba Nuclear Site concerning emergency conditions.
  - (ii) Transmit information to the Charlotte-Mecklenburg Emergency Management Office (EMO) concerning emergency conditions or impending emergency conditions.
  - (iii) Activate lake alert and notification procedures in the absence of EOC representative or based on need for immediate response action.
- d. **CHARLOTTE-MECKLENBURG POLICE DEPARTMENT - LAKES ENFORCEMENT SECTION**
  - (i) Provide boats for the timely warning and notification operation on Lake Wylie and the Catawba River.
  - (ii) Provide personnel to staff Lake C&C operations center.
  - (iii) Senior Law Enforcement officer will act as the North Carolina C&C Team Leader for on-site operations

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- regarding alert and notification.
  - (iv) Act as coordinating department for North Carolina lake operations within the ten-mile EPZ.
  - (v) Provide primary communication link with the county warning point and EOC operations. Maintain communications with the Charlotte-Mecklenburg and Gaston County Emergency Operations Center's (EOC) and advised on the status of lake operations.
  - (vi) Ensure County Police personnel are trained for lake operations and radiological exposure control annually.
  - (vii) Area of responsibility for lake operations are detailed in Attachment 1 - Patrol Areas.
- e. CHARLOTTE-MECKLENBURG POLICE DEPARTMENT, AIRBORNE DIVISION
  - (i) Dispatch a helicopter to Lake Wylie and make radio contact with fixed wing aircraft from Wildlife Resources Commission in the area.
  - (ii) Using public address system, assist with notification of boaters in the area to evacuate.
  - (iii) Maintain radio communication with C&C team using frequencies assigned the SC DNR Repeater.
  - (iv) Observe lake operations and make periodic reports to C&C Team.
  - (v) Provide air support for coverage of the Catawba River below the Dam south to Manchester Creek (Patrol Area 8).
  - (vi) Maintain radio contact with the Mecklenburg County Warning Point, the command and control function, and transfer messages to and from the Wildlife Resources Commission aircraft as necessary.
  - (vii) Provide air support for coverage of the Catawba River below the Wylie Dam south to Manchester Creek (Patrol Area 8).
- f. MECKLENBURG COUNTY PARKS AND RECREATION
  - (i) Develop procedures to evacuate park areas within Mecklenburg County along the lake affected by Catawba Nuclear Station.
  - (ii) Assist boaters with orderly evacuations from lake access areas within park areas.
  - (iii) Assist with warning and notification and evacuation within park boundaries.
  - (iv) Secure park areas after evacuations are complete.
- g. GASTON COUNTY EMERGENCY MANAGEMENT OFFICE (EMO)
  - (i) Develop and maintain procedures for warning and notification on Lake Wylie and the Catawba River.
  - (ii) Ensure resources and manpower are available and trained for warning and notification operations.

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- (iii) Arrange for available local resources, as requested, to support water operations.
  - (iv) If the EOC is fully activated the EMO will coordinate with Gaston Co EOC to initiate lake and river warning operations as necessary. EMO will advise York and Mecklenburg County EOC of initiation actions, if SCDNR has not initiated lake and river warning operations.
  - (v) Assist training of County Police personnel in radiological exposure control procedures annually.
  - (vi) EMO will maintain communications with the NCEM Western Branch Office (WBO) via commercial telephone and to advise on the status of lake operations
- h. **GASTON COUNTY POLICE DEPARTMENT**
  - (i) Provide boats for the timely warning and notification operation on Lake Wyle and the Catawba River.
  - (ii) Ensure personnel are trained for lake operations and radiological exposure control annually.
  - (iii) Area of responsibility for lake operations are detailed in Attachment 1 - Patrol Areas.
- i. **NORTH CAROLINA WILDLIFE RESOURCES COMMISSION (NCWRC)**
  - (i) Provide boats and fixed-wing aircraft for the timely warning and notification operation on Lake Wyle and the Catawba River.
  - (ii) Provide personnel to staff Lake C&C operations center.
  - (iii) Area of responsibility for lake operations are detailed in Attachment 1 - Patrol Areas.
  - (iv) Ensure personnel are trained for lake operations and radiological exposure control annually. Maintain radio communication with C&C team.
  - (v) Dispatch an aircraft to Lake Wylie and make radio contact with helicopter from CMPD in the area.
  - (vi) Observe lake operations and make periodic reports to C&C Team member.

2. **SOUTH CAROLINA**

- a. **SOUTH CAROLINA EMERGENCY MANAGEMENT DIVISION (SCEMD)**
  - (i) Coordinate with SCDNR to develop and maintain procedures for alert and notification on Lake Wylie and the Catawba River.
  - (ii) Act as the main agency for coordination activity between North and South Carolina.
  - (iii) Ensure South Carolina resources and manpower are available and trained for alert and notification operations.
  - (iv) Coordinate assignment of additional South Carolina state resources if requested to support lake alert operations.

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- (v) Activate the Emergency Alert System (EAS) and the National Weather Service Radio Broadcast System to support operations in the marine area.
  - (vi) Serve as the primary point of coordination between all State, Federal and local agencies.
  - (vii) Provide support as needed to any Federal Teams dispatched to assist with lake warning operations.
- b. SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES, LAW ENFORCEMENT DIVISION (SCDNR/LE)
- (i) Coordinate with SCEMD to develop and maintain procedures for warning and notification on Lake Wylie and the Catawba River.
  - (ii) Provide boats for the timely warning and notification operation on Lake Wyle and the Catawba River.
  - (iii) Provide personnel to staff Lake Warning C&C operations center and representative for York Co EOC.
  - (iv) Senior Law Enforcement Officer will act as the C&C Team Leader for on-site operations regarding lake and river warning and notification.
  - (v) Provide primary communication link with the lake warning units and York Co EOC operations via commercial telephone. If telephones are unavailable, information will be relayed via SCDNR radios.
  - (vi) Ensure resources and personnel are trained for lake operations and radiological exposure control annually.
  - (vii) Area of responsibility for lake operations are detailed in Attachment 1 - Patrol Areas.
- c. YORK COUNTY SHERIFF DEPARTMENT
- (i) Provide boats for the timely warning and notification operation on Lake Wyle and the Catawba River.
  - (ii) Provide personnel to staff Lake Warning C&C operations center.
  - (iii) Ensure personnel are trained for lake operations and radiological exposure control annually.
  - (iv) Area of responsibility for lake operations are detailed in Attachment 1 – Patrol Areas.

**B. MAJOR SUPPORT ORGANIZATIONS**

1. N.C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES, RADIATION PROTECTION (DENR) AND SC DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (DHEC)

Make recommendations concerning radiation protection measures to be taken as a result of an accident at the Catawba Nuclear Station.



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2. U.S. DEPARTMENT OF ENERGY (DOE)

- a. Provide assistance through the Radiological Assistance Program (RAP). RAP is usually the first responding DOE resource to assist in assessing a radiological emergency, and advise on further actions to minimize hazards. RAP teams arrive at the scene within four to six hours after notification of an emergency to conduct the initial radiological assessment of an affected area.
- b. Provide Aerial Measuring System (AMS) using fixed-wing aircraft, helicopters to assess the radiation accident.
- c. Provide Atmospheric Release Advisory Capability (ARAC) to predict the probable spread of contamination into the atmosphere.
- d. Deploy the Federal Radiological and Assessment Center (FRMAC) to provide radiological monitoring, assessment, and evaluation of data. Can be fully operational within 24-36 hours after assistance is requested. FRMAC gathers information on plume and deposition predictions, air and ground concentrations, exposure rates and dose projections. FRMAC will continue monitoring until all potentially contaminated areas are fully evaluated.
- e. Establish a Radiation Emergency Assistance Center (REAC) to provide prognosis of radiation induced injuries, conduct medical and radiological triage, perform decontamination procedures and therapies for external and internal contamination, and calculate internal radiation doses from medically induced procedures.

3. U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Provide expert advice to all agencies involved with protective actions to the public.

**VI. COORDINATING INSTRUCTIONS**

- A. In the event that inclement weather prevents the use of aircraft in the alert and notification activity on Lake Wylie and the Catawba River, boats only will be used to conduct warning.
- B. If the weather prohibits the use of boats and aircraft, alert and notification activity will be conducted if and when the weather permits timely action.
- C. The senior law enforcement representative from the South Carolina Department of Natural Resources, Law Enforcement Section, will act as the C&C Team Leader for all Lake Wylie and the Catawba River alert and notification operations. The senior law enforcement representative from the Charlotte-Mecklenburg Police Department, Lakes Enforcement Section, will act as the North Carolina

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C&C team leader.

- D. York County will notify Mecklenburg and Gaston Counties when the South Carolina (or York County) alert and notification procedures are initiated for Lake Wylie and the Catawba River.

**VII. ALERT AND NOTIFICATION**

- A. **EMERGENCY CLASSIFICATION SYSTEM** - See SC Radiological Operations Plan (SCOREP) or NC Radiological Emergency Response Plan (NC REP Plan, Part 1, Figure 8).

B. **WARNING AND NOTIFICATION METHODS AND PROCEDURES**

1. The Catawba Nuclear Station will notify the Warning Points in York, Gaston and Mecklenburg Counties, States of North and South Carolina until the State and County EOC's are activated. Upon EOC activation, Selective Signaling System (SSS) Telephone lines will be utilized for notification purposes. The warning message and follow-up messages from the plant will be in accordance with the procedures and format shown in the SCOREP and NC REP Plan. These messages will include a recommendation for the protective actions to be taken.
2. The Warning Points in York, Gaston and Mecklenburg Counties will make the following initial calls to ensure a timely response for lake alert and notification. The department/agency called will be in order shown and will be contacted via telephone or radio using the most rapid means available based on conditions at the station site.
3. If the situation at the Catawba Nuclear Site (CNS) is a slowly escalating condition and if the EOC is fully or partially activated, the EMO staff in the EOC will make, or will cause to be made, all necessary alert and notification calls for activation of lake alert and notification.
4. If the situation at the CNS is one that requires immediate action (Initial declaration of Site Area Emergency or higher), the individual Warning Points will initiate the following calls in the most rapid manner possible.

a. **NORTH CAROLINA WARNING POINT**

North Carolina Wildlife Resources Commission, District 6 & 8

b. **MECKLENBURG COUNTY WARNING POINT**

(i) Charlotte-Mecklenburg Police Department - Lakes Enforcement Division.

(ii) Charlotte-Mecklenburg Police Department - Airborne Division

(iii) Charlotte-Mecklenburg Emergency Management Office

c. **GASTON COUNTY WARNING POINT**

(i) Gaston County Police Department

(ii) Gaston County Emergency Management Office

d. **SOUTH CAROLINA WARNING POINT**

South Carolina Division of Natural Resources, Law Enforcement

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- e. YORK COUNTY WARNING POINT
  - (i) York County Sheriff Department
  - (ii) York County Emergency Management Agency

**V. EXECUTION**

**A. INITIATING PROCEDURES**

1. The fixed siren system will be the primary system for Alert and Notification of individuals in the marine area around the Catawba Nuclear Station (CNS).
2. The primary concern is to initiate an immediate course of action that starts at the CNS site and works outward. In addition all boating traffic will be stopped at the northern and southern ten-mile EPZ boundary.
3. Boats equipped with warning lights, sirens and public address systems will be used as supplemental alert and notification for boaters. Fixed and/or rotary wing aircraft (if available and weather permitting) will be used to assist with verification of clearing activity.
4. If the weather prohibits the use of boats and aircraft, alert and notification activity will be conducted using boats only if and when the weather permits timely action. (NOTE: The fixed siren system will be activated regardless of weather conditions.)
5. Boats from SCDNR, York County Sheriff Department, Charlotte-Mecklenburg and Gaston County Police Departments and North Carolina Wildlife Resources Commission will conduct alert and notification activity in pairs or as individual units to complete mission objective in a timely manner. (North Carolina Wildlife boats will be available as needed for back-up to the Mecklenburg and Gaston County boats.)
6. The South Carolina DNR boat will act as the control craft on the lake area and will communicate to the C&C Team regarding any problems or request for information or additional assistance. Coordination between York County and Mecklenburg County will be through the C&C Team located at the SCDNR law enforcement center. If the C&C Team has not arrived at the control center, coordination will be through respective EOC's or boat to boat contact.
7. When directed, boats/vessels will patrol assigned areas covering all navigable river, creek, lake and cove areas making contact with boaters and other individuals in the area, informing them of potential dangers to health/safety and instructing them to evacuate the area. Boats will cover pre-assigned areas at an appropriate speed for current weather and safety conditions while displaying warning lights, using sirens and public address systems and launching red flares. All boats with a PA system will broadcast the following message when appropriate:

**ATTENTION!**  
**AN EMERGENCY CONDITION HAS OCCURRED THAT CAN AFFECT YOUR**  
**SAFETY. PLEASE EVACUATE THE AREA AS SOON AS POSSIBLE**

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8. Prior to observing lake operations, the CMPD helicopter will sweep the Catawba River south of the Wylie Dam (Patrol Area 9). Sweep will be from South to North, pausing where necessary to broadcast the above message.
9. All boats not assigned a specific patrol will report by radio to the C&C Team for instructions and/or assignment.
10. See Attachments 1, 2 and 3 for additional information on lake warning.

**B. ACCIDENT ASSESSMENT**

1. The Lake C&C Team will depend on the Catawba Nuclear Station and State and local governments for event assessment.
2. After the initial notification the situation and prior to the establishment of the County EOC's if the situation at the CNS is one that requires immediate action, the Lake C&C Team will rely on the recommendations from the Catawba Nuclear Station provided through the York or Mecklenburg County Warning Point.
3. Once the county EOC's are established, they will coordinate with the Lake C&C Team and advise them of threatened water areas.

**C. PROTECTIVE RESPONSE**

The protective response in the water area will be to evacuate people from the threatened area and thereafter control access to it.

**D. RADIOLOGICAL EXPOSURE CONTROL**

Refer to York County Radiological Response Plan or NC Radiological Emergency Response Plan (NC REP Plan, Part 1, Figure 9) for general exposure guidance concerning State and local Emergency personnel who might be employed in the water area.

**VI. RECOVERY, REENTRY, AND POST- ACCIDENT OPERATIONS**

See SC Radiological Operations Plan (SCOREP) or NC Radiological Emergency Response Plan (NC REP Plan, Part 1, Paragraph IV.H).

**VII. SUPPORT**

- A. Additional Federal agency support and resources for notification, warning and decontamination may be obtained through either SCEMD or NCEM.
- B. State and local resources required to assist with operations in the water area will be requested by the C&C Team from the level of government currently having direction and control responsibilities.
- C. State resources assisting in the water area will remain under the direction and control of the appropriate State authorities. State agencies tasked to assist in the water area will establish direct coordination with the Lake Warning C&C Team.

**VIII. COMMUNICATIONS**

- A. The primary means of communication between the Lake Alert & Notification Team and the counties will be through commercial telephone with messenger back-up.
- B. Initial notification will be from CNS to the Warning Points in York, Gaston and Mecklenburg Counties, States of North and South Carolina until the State and County EOC's are activated. Upon EOC activation, Selective Signaling System (SSS) Telephone lines will be utilized for notification purposes. The warning message and follow-up messages from the plant will be in accordance with the procedures and format shown in the SCOREP and NC REP Plan.
- C. Communication directed to or needed by the Lake Alert & Notification Team, will be made by commercial telephone with messenger back-up to the designated command location.
- D. Other State agencies tasked to provide assistance to the Lake Alert & Notification Team will assign a liaison officer to the Lake Warning C&C Team location. Liaisons will provide radio or satellite communications to assist with coordination of their respective agencies.

**IX. PLANS AND TRAINING**

- A. The SCDNR, York County Sheriff Department, Charlotte-Mecklenburg and Gaston County Police Departments and North Carolina Wildlife Resources Commission will be requested to take part in all Catawba Nuclear Station exercises and in those drills that affect their operational areas.
- B. The SCDNR, York County Sheriff Department, Charlotte-Mecklenburg and Gaston County Police Departments and North Carolina Wildlife Resources Commission personnel involved with Lake Alert & Notification will be invited to attend radiation protection training courses conducted by the State of North Carolina or South Carolina, York, Gaston or Mecklenburg Counties.

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**TAB 1 TO APPENDIX 4 to ANNEX G**

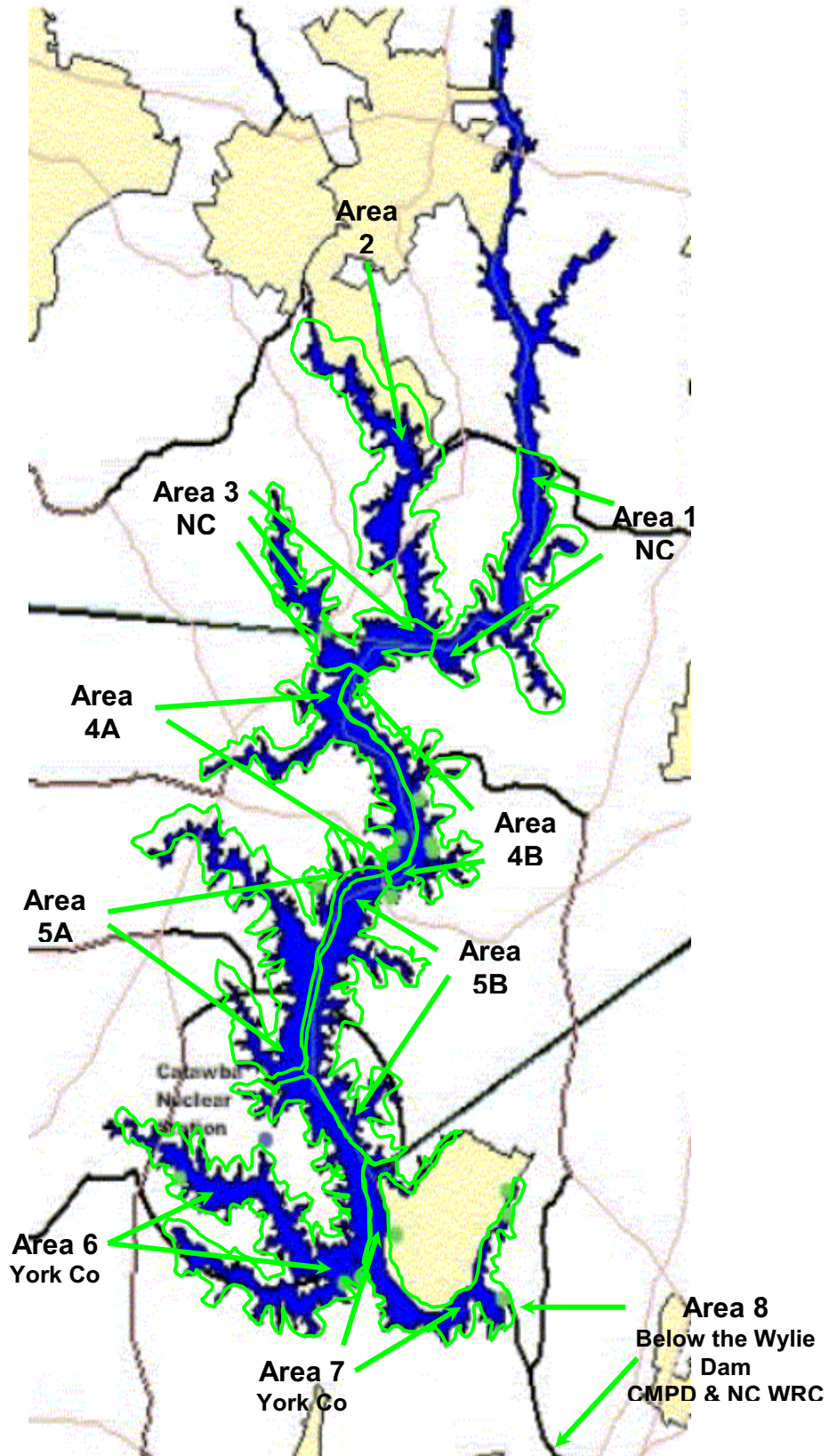
**PATROL ZONE IDENTIFICATION**

<b><u>ZONE ID</u></b>		<b><u>BOAT NO. AND ORGANIZATION</u></b>	<b><u>ZONE DESCRIPTION and PATROL AREA</u></b>
Area 1		Boat # 1 - NC Wildlife Commission	Launch from best location to patrol main Catawba River channel north from Hi-Voltage Power lines crossing the Catawba river (At convergence of Catawba River and the South Fork of Catawba) to Duke Power Plant Allen Station. Once area is cleared station one boat at Plant Allen to stop boats moving south on Catawba River.
Area 2		Boat # 2 - Gaston Co Police Dept	Launch from best location to patrol mouth of South Fork of Catawba River north to the Hi-Voltage Power lines north of Gaither Road.
Area 3		Boat #3 - NC Wildlife Commission	Launch from best location to patrol from Hi-Voltage Power lines crossing the Catawba river (At convergence of Catawba River and the South Fork of Catawba) and the Catawba Creek area.
Area 4	A	Boat #4 – SC Department of Natural Resources	Launch from best location to patrol from mouth of Catawba Creek (Seven Oaks) south to Buster Boyd Bridge on SC side of lake
	B	Boat #5 - Charlotte-Mecklenburg Police Department - Lakes Enforcement Division	Launch from best location to patrol from mouth of Catawba Creek (Seven Oaks) south to Buster Boyd Bridge on NC side of lake
Area 5	A	Boat #6 - SC Department of Natural Resources	Launch from best location to patrol from Buster Boyd Bridge south to mouth of Beaver Dam to include Crowder Creek and Beaver Dam Creek on SC side
	B	Boat #7 - Charlotte-Mecklenburg Police Department - Lakes Enforcement Division	Launch from best location to patrol from Buster Boyd Bridge south to Tega Cay Windjammer Park at State line to include Boyd's Cove on NC side
Area 6		Boat #8 – York County Sheriff	Launch from best location to patrol from Beaver Dam Creek south to Ebenezer Park to include Big Allison and Little Allison Creeks
Area 7		Boat # 9 - York County Sheriff	Launch from best location to patrol from Windjammer Park south to Dam to include Torrence Creek and Niven Creek
Area 8		Charlotte-Mecklenburg Police Department - Aviation Division / NC WRC - Aviation Division	Patrol Catawba River below Wylie Dam south to Manchester Creek (River Walk Park) <sup>1</sup>  Initial sweep will be accomplished by CMPD helicopter pausing where necessary to broadcast alert message. Periodic sweeps of the area may be accomplished by CMPD or WRC aircraft.

<sup>1</sup> Air support from CMPD / NC WRC needed for coverage.

Due to numerous rocks and low water levels, access to this area is restricted to shallow draft (canoe or kayak) boats only.

North Carolina Radiological Emergency Response Plan  
APPENDIX 4 to ANNEX G - LAKE WYLIE AND THE CATAWBA RIVER  
January 2008





TAB 2 TO APPENDIX 4 to ANNEX G

**NOTICE TO BOATERS**

IN THE EVENT OF AN EMERGENCY INVOLVING CATAWBA NUCLEAR STATION, SEVERE WEATHER OR OTHER CONDITIONS REQUIRING EVACUATION OF THE LAKE IN NORTH OR SOUTH CAROLINA, YOU WILL BE NOTIFIED BY:

SIRENS AND/OR RED FLARES

IF THESE SIGNALS ARE OBSERVED, PLEASE:

1. LEAVE THE LAKE IMMEDIATELY
2. TURN ON RADIO OR TELEVISION TO AN EMERGENCY ALERT STATION IN YOUR STATE FOR INFORMATION AND INSTRUCTIONS. STATIONS SERVING YOUR AREA INCLUDE:

**SOUTH CAROLINA**

WRHI - 1340 AM RADIO  
WAGI - 105.3 FM RADIO  
WRHM-107.1 FM RADIO

**NORTH CAROLINA**

WLNK-107.9 FM RADIO  
WSOC- -103.7 FM RADIO

NATIONAL WEATHER SERVICE (NOAA) RADIOS

EMERGENCY PLANNING BROCHURES FOR THE NEARBY CATAWBA NUCLEAR STATION ARE AVAILABLE IN THIS AREA AT THE FOLLOWING: PUBLIC MARINAS, MOTELS & HOTELS, POLICE & FIRE STATIONS, PUBLIC LIBRARIES, POST OFFICES AND DUKE POWER COMPANY OFFICES.

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**TAB 3 TO APPENDIX 4 to ANNEX G**

**EXISTING LAKE NOTIFICATION SIGN LOCATIONS**

Lake Wylie

York Co., SC	Allison Creek Landing (2 Signs) Buster Boyd Landing Commodore Yacht Club Ebenezer Landing Fort Mill Landing Lake Club Marina Nivens Creek Landing River Hills Marina Tega Cay Marina
Mecklenburg Co., NC	Charlotte Yacht Club Copperhead Landing (2 Signs) Lake Wylie Boat & Yacht Club (Pier 49 Marina) Long Cove Marina (2 Signs) Red Fez Club Campground Boat Ramp
Gaston Co., NC	Plant Allen Fishing Area South Point Landing (2 Signs)

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