

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

v
BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
)
CAROLINA POWER & LIGHT COMPANY)
and NORTH CAROLINA EASTERN) Docket No. 50-400 OL
MUNICIPAL POWER AGENCY)
)
(Shearon Harris Nuclear Power)
Plant))

AFFIDAVIT OF THOMAS I. HAWKINS IN SUPPORT
OF APPLICANTS' SUPPLEMENT TO MOTION FOR
SUMMARY DISPOSITION OF EDDLEMAN 213

County of Fulton)
) ss.
State of Georgia)

Thomas I. Hawkins, being duly sworn, deposes and says:

1. My present position is Emergency Management Program Specialist for the Federal Emergency Management Agency. Included among my responsibilities is the radiological emergency planning liaison function between FEMA Region IV and the States of North and South Carolina. In this position, I am responsible for the review of radiological plans and preparedness for the State of North Carolina and the State of South Carolina and for the local governments within those States.

I have held this position since December 1981. I have been employed by FEMA since July 1973. A current statement of my professional qualifications is attached hereto. My business address is

8505070347 850502
PDR ADOCK 05000400
G PDR

1371 Peachtree Street, NE - Suite 736 - Atlanta, Georgia - 30309.

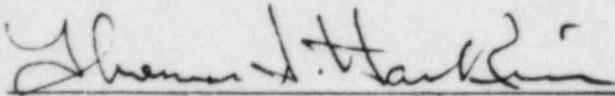
I have personal knowledge of the matters discussed herein and believe them to be true and correct. I make this affidavit in response to Eddleman Contention 213.

2. FEMA staff stated in the "FEMA Response to Interrogatories Propounded by Intervenor Wells Eddleman", dated September 25, 1984: "We agree that a plan for Harris Lake, similar to the plan for Jordan Lake (Annex G) should be included in the radiological emergency planning for Plant Harris".

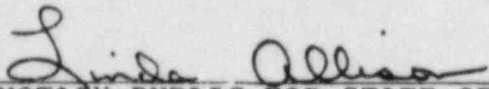
In October 1984, FEMA Region IV staff received a revised copy of the Harris plan entitled "North Carolina Emergency Response Plan in Support of the Shearon Harris Nuclear Power Plant, Feb. 1984, Rev. 1, Sept. 1984." This revised plan contains, in Annex J, a plan similar to the plan for Jordan Lake entitled "Warning and Notification of Boaters on Harris Lake and the Surrounding Recreation Areas".

In addition, FEMA staff understands, from the "Supplemental Affidavit of Robert G. Black, Jr. on Eddleman 213", that a study entitled "Analysis and Evaluation of Siren Notification for Boaters, Waterskiers, and Swimmers on Harris Lake" has been completed. On the basis of that study, FEMA staff understands that ten additional sirens would provide notification to people on Harris Lake, and that CP&L has committed to install these additional sirens. Also, FEMA understands that 15 instructional billboards are being erected around Harris Lake to advise the public on emergency procedures.

FEMA staff is of the opinion that the revised Harris Plan and applicants' actions have satisfactorily responded to the issue of Eddleman's Contention 213.


Thomas I. Hawkins

Sworn to and subscribed before me
this 16th day of April, 1985


NOTARY PUBLIC FOR STATE OF GEORGIA

My Commission Expires: Notary Public, Georgia, State at Large
My Commission Expires Nov. 12, 1986

Thomas I. Hawkins

Professional Qualifications

My present position is Emergency Management Program Specialist for the Federal Emergency Management Agency. I am assigned to the Radiological Emergency Planning liaison position between FEMA Region IV and the States of North and South Carolina. In this position, I am responsible for the review of radiological emergency plans and preparedness for the State of North Carolina and the State of South Carolina and for the local governments within these States.

I have held the position of Emergency Management Program Specialist (or its equivalent) since December 1981. I have been employed by FEMA since July 1978.

From April 1964 to January 1977 I was employed as Planning Director of Clayton County, Georgia.

My formal education is as follows:

- AB Degree, Emory University, Atlanta, GA, 1958
- Master of City Planning Degree, Georgia Tech., Atlanta, GA, 1963
- Completed Radiological Emergency Response Course at the U.S. Department of Energy's Nevada Test Site, April 1982
- Completed Radiological Defense Officer and Radiological Defense Instructor Course, Georgia Emergency Management Agency, Atlanta, GA, March 1982
- Completed Basic Management Seminar for Emergency Management Personnel, Valdosta State College, Thomasville, GA, Winter Quarter, 1980
- Completed Radiological Emergency Planning Seminar, National Emergency Training Center, Emmitsburg, Maryland, October 1982
- Completed Radiological Accident Assessment Course, National Emergency Training Center, Emmitsburg, Maryland, August 1984

ANNEX J
WARNING AND NOTIFICATION OF BOATERS ON HARRIS LAKE
AND THE SURROUNDING RECREATION AREAS

- I. **PURPOSE AND SCOPE.** Annex J establishes the organizational responsibilities and procedures for emergency warning and notification of boaters on Harris Lake and recreation areas around the lake within a 10-mile radius of the Shearon Harris Plant. These procedures ensure that boaters and recreation areas around the lake will be warned to evacuate and to monitor radio or television for further instructions.
- II. **ORGANIZATION.** The organizations involved in notification and warning of boaters are:
 - A. Wake County Emergency Management Office.
 - B. Wake County Sheriff's Department.
 - C. North Carolina Wildlife Resources Commission, Enforcement Division.
 - D. Division of Forest Resources, Department of Natural Resources and Community Development (NRCD).
 - E. North Carolina National Guard (Office of the Adjutant General).
- III. **CONCEPT OF OPERATIONS.**
 - A. Actions will be based on the recommendations of Carolina Power and Light Company, as verified (to the extent possible) by Wake County or North Carolina Radiation Protection Section.
 - B. Wake County will activate warning procedures when conditions at the plant warrant such action.
 1. Prior to the assumption of direction and control by the State, Wake County has the authority to make the decision to initiate warning and notification on Harris Lake and surrounding areas.
 2. After the establishment of SERT, the State will request the Wake County Emergency Management Office to initiate warning procedures.
 3. These actions may include a precautionary evacuation of Harris Lake, associated recreation sites, surrounding areas and other facilities where persons may congregate.
 - C. The Wake County warning point or the Emergency Management Agency will initiate and direct and control warning procedures.

- D. The warning and notification of boaters on the lake within a 10-mile radius of the Shearon Harris Plant will be accomplished using fixed sirens, a boat and one emergency vehicle equipped with siren and PA system, red smoke signals, a fixed-wing aircraft, and a helicopter.
1. In the event that inclement weather prevents the use of aircraft, one boat and one emergency vehicle will be used to conduct warning.
 2. If the weather prohibits the use of the boat and aircraft, warning and notification procedures will be conducted if and when the weather permits timely action. (NOTE: The fixed-siren system will be activated regardless of weather conditions.)
 3. When ordered to do so, the boat will cover pre-assigned areas of the lake, sound the siren continuously, and release red smoke or flares.
 4. The aircraft will act as observers and as a communications link to Wake County government and other response personnel.
 5. Signs informing boaters of the meaning of red smoke flares and siren signals are to be placed at boat access points on the lake. (See Appendixes 1 and 2.)
 6. Annex J is to be activated when a decision is made to institute notification and warning procedures for Wake County EPZ areas.

IV. RESPONSIBILITIES.

A. Wake County Emergency Management Office.

1. Initiate notification and warning procedures for boaters on Harris Lake and recreation areas around the lake.
2. Direct and control notification and warning procedures for boaters on the lake and surrounding recreation areas.

B. Wake County Sheriff's Department, Communications Division (County Warning Point).

1. Receive messages from the Shearon Harris Plant about an emergency or impending emergency.
2. Transmit information to the Wake County Emergency Management Coordinator and other officials.

3. When directed by the Emergency Management Coordinator or other appropriate authority, instruct the following organizations immediately to begin notification and warning procedures on Harris Lake and recreation areas around the lake:

a. Wake County Sheriff's Department.

<u>NAME</u>	<u>OFFICE HOURS</u>	<u>NON-OFFICE HOURS</u>
County Communications Center Dispatcher	Dial: 911 on a 24-Hour basis	
Sheriff John Baker	919/755-6924	
Danny Bellamy	919/755-6924	

b. Enforcement Division, N.C. Wildlife Resources Commission.

1. Instructions - Call all persons listed below; if they cannot be reached at the first number listed, call the Raleigh Wildlife Communications Center toll-free number 1/800/662-7137.

Sterling Baker	919/584-9437
Julian Alman	919/663-3048
John Hall	919/776-8874
Ricki D. Goode	919/542-5907

c. Division of Forest Resources, NRCD.

<u>NAME</u>	<u>OFFICE HOURS</u>	<u>NON-OFFICE HOURS</u>
Dane Roten	919/733-2162	919/787-2318
Gil Green	919/733-2162	919/772-7615

d. North Carolina National Guard.

<u>NAME</u>	<u>OFFICE HOURS</u>	<u>NON-OFFICE HOURS</u>
CW4 Wiley B. Jackson	919/733-3770	919/876-3400
SGM Jaylon P. Jones	919/733-3770	919/894-4620
Staff Duty Officer		919/733-3770

C. Wake County Sheriff's Department.

1. Direct and control on-site operations at Harris Lake.
2. Act as coordinating department for warning and notification of boaters on Harris Lake and recreation and forest areas around the lake.

3. Provide operator for one boat to sound siren and warn preassigned areas of Harris Lake as follows:

- a. The boat will warn the White Oak Creek, Little White Oak Creek, Tom Jack Creek, and Buckhorn Creek arms of the Harris Lake.
- b. While under way, the boat will sound the siren continuously and release red smoke from canisters during the day or display red flares at night.
- c. After covering their assigned area, the boat will go back over the areas covered and inform any boaters remaining on the water to proceed to shore and turn on their radios.
- d. The boat will have communications with Wake County Communications Center to be kept up-to-date on the emergency at the Shearon Harris Plant.

4. Provide emergency vehicle with operator, siren and PA system to travel preassigned roads surrounding Harris Lake as follows:

- a. The emergency vehicle will warn US1, SR1134, SR1127, SR1115, SR1130, SR1116, SR1912, SR1913, SR1914, and NC42.
- b. While traveling the roads, the vehicle will sound the siren and release red smoke from canisters during the day or display red flares at night.
- c. After covering the assigned areas, the vehicle will go back over the areas covered and inform the recreation population remaining in the areas to proceed to shore and turn on their radios.
- d. The vehicle will have communications with Wake County Communications Center to be kept up-to-date on the emergency at the Shearon Harris Plant.

D. Enforcement Division, N.C. Wildlife Resources Commission.

The Wildlife Resources Commission fixed-wing aircraft will maintain radio contact with the boat and the Forest Resources helicopter in addition to serving as a spotter to identify boats remaining on the water.

E. Division of Forest Resources, NRCD.

1. Dispatch helicopter with PA system and siren to Harris Lake to maintain communications with the Wildlife Commission and to act as a spotter for lake evacuation activities.
2. Provide four-wheel vehicles and operators to warn in surrounding forest areas.
3. Provide communications and guides in forest areas.
4. Provide fixed-wing aircraft with PA system to warn in forest and State park areas, if requested.

F. North Carolina National Guard.

1. Dispatch helicopter with PA system to Harris Lake to maintain communications with the Wildlife Commission and to act as a spotter for lake evacuation activities.
2. Provide four-wheel vehicles and operators to warn in surrounding forest areas.
3. Provide communications and guides in forest areas.

V. COORDINATING INSTRUCTIONS.

- A. In the event that inclement weather prevents the use of aircraft in the notification and warning procedures on Harris Lake, one boat and an emergency vehicle will be used to conduct warning.
- B. If the weather prohibits the use of the boat or aircraft, warning and notification procedures will be conducted if and when the weather permits timely action.
- C. The senior law enforcement official of the Wake County Sheriff's Department will assume direction and control of all operations for Annex J. In the event that the Sheriff's Department is unable to direct the lake warning operations, the N.C. Wildlife Resources Commission will assume the responsibility of direction and control.
- D. Wake County will notify Chatham, Harnett, and Lee Counties, and the State when the warning and notification procedures are initiated on the lake.

APPENDIX 1 TO ANNEX J
NOTICE TO ALL BOATERS

In the event of an identified emergency requiring evacuation of the lake, you will be notified by sirens, red smoke, or red flares. If these signals are observed, please:

1. Leave the lake immediately.
2. Turn on radio or television for information and instructions.

APPENDIX 2 TO ANNEX J
LIST OF PLACES WHERE SIGNS ARE DISPLAYED

Picnic Facilities near SR 1135
and Harris Visitors Center

Public boat ramp at SR 1130

Public boat ramp at the end of SR 1914

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

DOCKETED
USNRC

In the Matter of

CAROLINA POWER AND LIGHT COMPANY AND
NORTH CAROLINA EASTERN MUNICIPAL
POWER AGENCY

(Shearon Harris Nuclear Power Plant,
Units 1 and 2)

'85 MAY -6 P12:06

Docket Nos. 50-400 OL OFFICE OF SECRETARY
50-401 OL DOCKETING & SERVICE
BRANCH

I hereby certify that copies of "FEMA STAFF RESPONSE TO APPLICANTS' MOTION FOR SUMMARY DISPOSITION OF EDDLEMAN CONTENTION 213" in the above-captioned proceeding have been served on the following by deposit in the United States mail, first class, or deposit in the Nuclear Regulatory Commission's internal mail system (*), this 2nd day of May, 1985:

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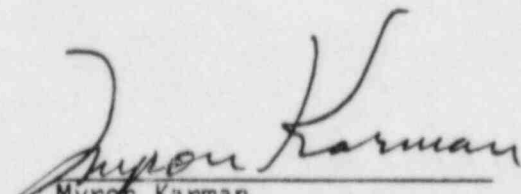
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