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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
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 DENTON, H. R. Office of Nuclear Reactor Regulation, Director

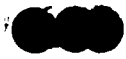
SUBJECT: Forwards addl pages of emergency planning public info brochure, alert/notification sys rept & evaluation & analysis of siren prompt notification sys in response to SER (NUREG-1038) Open Item 12.

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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In addition, it is crucial to review the records regularly to identify any discrepancies or errors. This proactive approach helps in resolving issues before they become significant problems. The document also mentions the need for secure storage of these records to prevent unauthorized access or loss.

Furthermore, the document highlights the role of technology in streamlining record-keeping processes. Modern accounting software can automate many tasks, reducing the risk of human error and saving valuable time. However, it is essential to choose a reliable and secure system that meets the organization's specific needs.

Finally, the document concludes by stating that consistent and accurate record-keeping is the foundation of sound financial management. It provides a clear path for organizations to follow, ensuring they can make informed decisions based on reliable data. The overall goal is to foster a culture of accountability and precision in all financial activities.



Carolina Power & Light Company
APR 30 1985

SERIAL: NLS-85-142

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
EMERGENCY PREPAREDNESS

- REFERENCES: (1) Letter dated July 16, 1984 (NLS-84-323) from S. R. Zimmerman (CP&L) to H. R. Denton (NRC).
- (2) Letter dated July 27, 1984 (NLS-84-350) from S. R. Zimmerman (CP&L) to H. R. Denton (NRC).
- (3) Letter dated February 11, 1985 from D. E. Hollar (CP&L) to Administrative Judges Kelley, Bright, and Carpenter (ASLB).
- (4) Letter dated April 16, 1985 from D. E. Hollar (CP&L) to Administrative Judges Kelley, Bright, and Carpenter (ASLB).

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) provides the following information for your review:

- 1) Additional pages of the Shearon Harris Nuclear Power Plant (SHNPP) Emergency Planning Public Information Brochure (Attachment 1);
- 2) The SHNPP Alert/Notification System Report (Attachment 2); and
- 3) The Evaluation and Analysis of the Siren Prompt Notification System for SHNPP (Attachment 3).

This information is provided in response to SHNPP Safety Evaluation Report (NUREG-1038) Open Item No. 12.

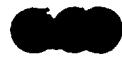
References 1 and 2 transmitted portions of the Emergency Planning Public Information Brochure. Reference 4 transmitted additional pages of the brochure to the parties in the Atomic Safety and Licensing Board (ASLB) proceedings. Please insert the additional pages, the EPZ map and evacuation route chart, as pages 6 through 11 of the brochure. Current pages 8 through 13 of the brochure will be renumbered as pages 12 through 17. The additional pages to the brochure are not being redistributed to those who received copies via Reference 4.

The page of the brochure which provides the chart of schools in the 10-mile radius of SHNPP and the shelters to which they evacuate will be provided in the near future. The Company will submit this remaining page with the final draft of the brochure in May 1985. A print-ready blue line of the brochure will be submitted for final FEMA and NRC review in June 1985.

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Reference 3 transmitted copies of Attachments 2 and 3 to the parties in the ASLB proceedings. Therefore, Attachments 2 and 3 are being sent only to Mr. G. E. Simonds of the NRC. These reports are being provided based upon his request.

If you have any questions please contact Mr. Gregg A. Sindors at (919) 836-8168.

Yours very truly,



S. R. Zimmerman
Manager
Nuclear Licensing Section

GAS/ccc (1405GAS)

cc:	Mr. B. C. Buckley (NRC)	Mr. Wells Eddleman*
	Mr. G. F. Maxwell (NRC-SHNPP)	Mr. John D. Runkle*
	Mr. G. E. Simonds (NRC-EPB)	Dr. Richard D. Wilson*
	Dr. J. Nelson Grace (NRC-RII)	Mr. G. O. Bright (ASLB)*
	Mr. Travis Payne (KUDZU)*	Dr. J. H. Carpenter (ASLB)*
	Mr. Daniel F. Read (CHANGE/ELP)*	Mr. J. L. Kelley (ASLB)*
	Wake County Public Library*	

* without enclosure - received copies via previous submittals









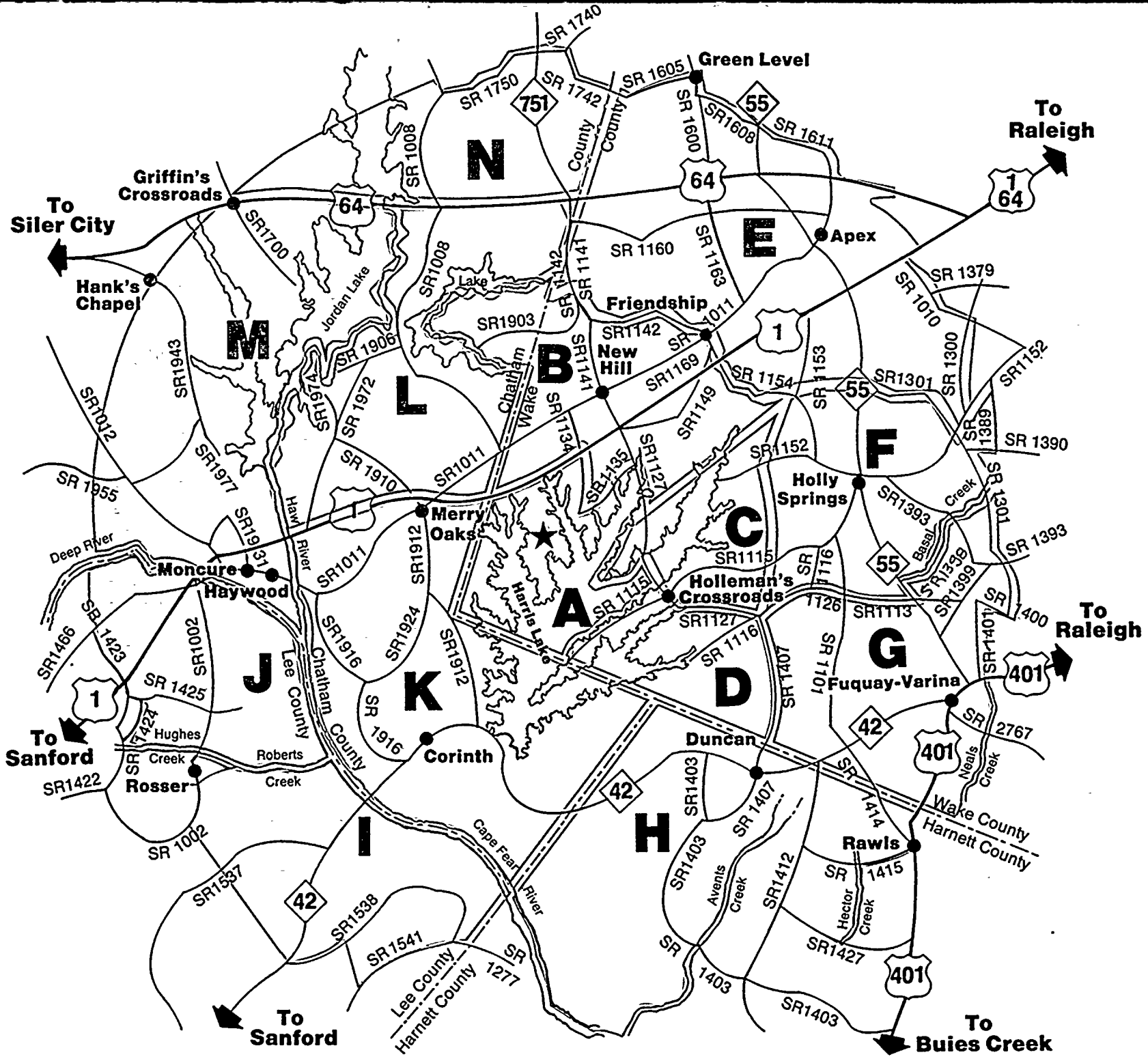
HOW WILL YOU KNOW IF YOU WILL BE SAFE?

Map of the 10-mile Area Around the Harris Plant

The map is divided into sub-zones. Each sub-zone is marked with a different letter. Locate which sub-zone you are in. Mark this letter in space number 2 in the box on page 1.

If your TV or radio station tells you to evacuate, the next pages tell you where to go to be safe. Look at the evacuation route for your sub-zone. Mark the route on the map now so you can have it when you need it. Mark the route in space number 3 in the box on page 1. And list your evacuation shelter in space number 4 in the box on page 1.

- | | |
|---|-------------------------|
|  | SUB-ZONE BOUNDARIES |
|  | COUNTY BOUNDARIES |
|  | STATE EVACUATION ROUTES |
|  | U.S. HIGHWAYS |
|  | N.C. PRIMARY HIGHWAYS |
| SR | N.C. SECONDARY HIGHWAYS |
|  | HARRIS PLANT |





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How Will You Know Where To Go To Be Safe ?

Sub-Zone	Description of Sub-Zone	Evacuation Route	Evacuation Shelter
A	The zone is bordered on the north by US Hwy 1, SR 1134 and SR 1135; on the east by SR 1127 and the eastern shore of Harris Lake, on the south and west by Chatham/Wake Co. line.	SR 1134 north to SR 1011. SR 1011 through Apex to US 64. US 64 to US 1-64 north. US 1-64 north to Raleigh to shelter. <u>Or</u> , SR.1135 to SR 1127 north to US 1-64 north. US 1-64 north to Raleigh to shelter.	Martin Middle School
B	The zone is bordered on the north by SR 1143, SR 1141, SR 1142, SR 1011, SR 1149, SR 1169, and SR 1154; on the east by the Old Dixie Pipeline; on the south by SR 1127, SR 1135, SR 1134, and US 1; on the west by the Chatham/Wake Co. line which includes all of SR 1903 area up to Jordan Lake in Chatham Co.	SR 1127 north and south to US 1-64 north. US 1-64 north to Raleigh to shelters. <u>Or</u> , SR 1903 and SR 1142 to SR 1141 south to SR 1011 through Apex to US 64 to US 1-64 north to Raleigh to shelter.	Martin Middle School
C	The zone is bordered on the north by the Old Dixie Pipeline, up to SR 1154, on the east by an arc from SR 1152, crossing SR 1115 to SR 1127 at its origin; on the south by SR 1127 through Holleman's Crossroads on the west by SR 1127 crossing Harris Lake and follow the eastern shore of Harris Lake to the Old Dixie Pipeline.	From bridge on SR 1127 south to SR 1115. SR 1115 to NC 55 to SR 1152. SR 1152 (Macedonia) to I-40 to US 64. US 64 to New Bern Ave. to Clarendon Crescent to shelter.	Enloe Senior High School (East and West Campuses)
D	The zone is bordered on the north by SR 1127, north of Holleman's Crossroads, south to SR 1116; on the east by SR 1119, on the south by the Wake/Harnett and Wake/Chatham Co. line, on the west by the eastern shore of Harris Lake to SR 1127.	SR 1116 to SR 1113 to SR 1399 to SR 1393 to US 401. US 401 north to SR 1006 (Old Stage Rd.) to Grovemount Rd. to Garner to shelter.	Garner Senior High School
E	The zone is bordered on the north by SR 1605, at the Chatham/Wake Co. line, to Green Level, south on SR 1600 to SR 1601, SR 1611, US Hwy 64 at Apex, east town limits; on the east by an arc from Apex crossing SR 1435 to US Hwy 1, to SR 1010, east along SR 1010 to SR 1152; on the south by SR 1301, SR 1172, across a line to SR 1154, crossing US Hwy 1 to SR 1169 and SR 1011, Friendship, SR 1142, SR 1141 and SR 1143, to Chatham/Wake Co. line; on the west by the Chatham/Wake Co. line north to SR 1605. Zone includes the town of Apex.	SR 1160 to SR 1163 to US 64 or SR 1011 to Apex and NC 55 through Apex to US 64 to US 1-64 north to Raleigh to shelters. <u>Or</u> , NC 55 to US 1 north to US 1-64 north to Raleigh to shelters.	Martin Middle School, Daniels Middle School, Sanderson Senior High School, Carroll Middle School, Enloe Senior High School (East & West Campuses)

F	<p>The zone is bordered on the north by a line from SR 1154 up to SR 1301, SR 1152 to SR 1389; on the east by SR 1390, SR 1301, Sunset Lake, Bass Lake and Basal Creek to NC Hwy 55; on the south by SR 1113 to SR 1101, SR 1126 and west to SR 1116 to SR 1127, on the west by an arc from SR 1127 across SR 1115, to SR 1152, to SR 1154. Zone includes the town of Holly Springs.</p>	<p>SR 1115 and NC 55 to SR 1152 through Holly Springs to SR 1152 (Macedonia) to I-40 to US 64. US 64 to New Bern Ave. to Clarendon Crescent to shelter.</p>	<p>Enloe Senior High School (East and West Campuses)</p>
G	<p>The zone is bordered on the north by SR 1116, SR 1126, SR 1113, and includes the area south of Bass Lake and Sunset Lake; on the east by SR 1301, SR 1400, SR 1401 and the eastern town limits of Fuquay-Varina crossing US Hwy 401 at the intersection of NC Hwy 55 and continues south along the eastern town limits to Neals Creek to the Harnett Co. line; on the south by the Wake/Harnett Co. line, northwest to SR 1119; on the west by SR 1119 from the county line north to SR 1116. Zone includes the town of Fuquay-Varina.</p>	<p>SR 1116 to SR 1126 to SR 1113 to SR 1398 to SR 1399 to SR 1393 to US 401 north. US 401 north to US 70 east to Garner to shelters. <u>Or</u>, SR 1116 to SR 1101 (Wilbon Rd.) to NC 55. NC 55 to US 401 north to US 70 east to Old Garner Rd. to Peterson St. to shelter. <u>Or</u>, NC 42 to US 401 north and SR 2767 to NC 55 to US 401 north. US 401 north to US 70 east to Old Garner Rd. to Peterson St. to shelter.</p>	<p>Garner Senior High North Garner Middle East Garner Middle Carnage Middle School</p>
H	<p>The zone is bordered on the north by the Wake/Harnett Co. line from the Chatham Co. line east to US Hwy 401. On the east, the zone is bordered by US Hwy 401 S to the Community of Rawls. On the south, the zone is bordered by SR 1415 to Hector Creek, follow Hector Creek south to SR 1427, from SR 1427 to SR 1412, from SR 1412 to SR 1403 to Avents Creek, go south on Avents Creek across SR 1418 to the Cape Fear River, follow the Cape Fear River west to the Chatham/Harnett Co. line; on the west, the zone is bordered by the Chatham/Harnett Co. line to the Wake/Chatham Co. line.</p>	<p>SR 1403, SR 1415 and SR 1427 east to US 401. US 401 south to SR 1403. SR 1403 east to shelter.</p> <p><u>Or</u>, SR 1403, SR 1412, SR 1415 and SR 1427 east to US 401. US 401 south to NC 210. NC 210 south to Johnson St. to Eleventh St. to shelter.</p> <p><u>Or</u>, SR 1403, SR 1412, SR 1415, and SR 1427 east to US 401. US 401 south to NC 210. NC 210 south to shelter.</p> <p><u>Or</u>, SR 1403, SR 1412, SR 1415 and SR 1427 east to US 401. US 401 south to NC 210. NC 210 south to NC 27. NC 27 west to shelter.</p>	<p>Harnett Central High School</p> <p>Lillington Middle School</p> <p>Shawtown Primary School</p> <p>Western Harnett High School</p>



Sub-Zone	Description of Sub-Zone	Evacuation Route	Evacuation Shelter
I	The zone is bordered on the north by Roberts Creek, Hughes Creek and the Cape Fear River; on the east by the Cape Fear River (which is the Lee/Chatham Co. line); on the south by the Lee/Harnett Co. line at SR 1541 to SR 1538, crosses Fall Creek to loop of SR 1538 to NC Hwy 42. The zone is bordered on the west by a line from NC Hwy 42 northwest across SR 1537 to SR 1002, follows SR 1002 to Roberts Creek.	<p>Poplar Springs Church Rd. (SR 1537) to NC 42 and SR 1538 to NC 42. NC 42 west to shelter.</p> <p><u>Or</u>, Poplar Springs Church Rd. (SR 1537) to NC 42 and SR 1538 to NC 42. NC 42 west to NC 78 to US 15-501. US 15-501 south to SR 1157. SR 1157 to SR 1149 to SR 1160 to shelter.</p>	<p>East Lee Co. Junior High School</p> <p>Greenwood Elementary School</p>
J	The zone is bordered on the north and east by the Deep River and Cape Fear River, on the south by Hughes Creek, Roberts Creek to SR 1002 back to Hughes Creek, on the west by SR 1424, SR 1425, SR 1423 and on an arc to Deep River.	<p>Lower Moncure Rd. (SR 1002) north from Hughes Creek Bridge to SR 1466. SR 1466 south to US 15-501. US 15-501 south to US 1. US 1 south to NC 42 west to shelter. <u>Or</u>, Lower Moncure Rd. (SR 1002) south from Hughes Creek Bridge to SR 1423 to SR 1422 to Colon Rd. (SR 1415) Colon Rd. to US 1 south to NC 42 west to shelter.</p> <p><u>Or</u>, US 1 south to SR 1157 to SR 1149 to SR 1160 to shelter.</p>	<p>West Lee County Junior High School</p> <p>Greenwood Elementary School</p>
K	The zone is bordered on the north by US Hwy 1 North from the Haw River to the Wake Co. line, on the east by the Chatham/Wake Co. line to Chatham/Harnett Co. line southwest to the Cape Fear River, on the south by the Cape Fear River and the Chatham/Lee Co. line, on the west by the Haw River to US Hwy 1.	<p>SR 1912 north from intersection of SR 1924 and SR 1912 to SR 1011 Haywood. SR 1011 and SR 1931 to SR 1012 (Moncure Rd.). SR 1012 to NC 87 north to US 64 and US 15-501. US 15-501 north to shelter.</p> <p><u>Or</u>, SR 1011 through Haywood to SR 1012. SR 1012 north to NC 87 to US 64. US 64 west to shelter in Siler City.</p> <p><u>Or</u>, SR 1912 north from intersection of SR 1924 and SR 1912 to SR 1011 through Haywood to SR 1012. SR 1012 north to NC 87 to US 64 west to Siler City to Old US 421 to Bear Creek right onto NC 902 to shelter.</p> <p><u>Or</u>, from intersection of SR 1924 and SR 1912, SR 1924 south to SR 1916 south to NC 42, or SR 1912 south to NC 42. NC 42 west to shelter.</p>	<p>Northwood High School</p> <p>Jordan Matthews School</p> <p>Chatham Central High School</p> <p>East Lee County Junior High School</p>



L	<p>The zone is bordered on the north by US Hwy 64 E from the Jordan Lake to the Chatham/Wake Co. line, on the east by the Chatham/Wake Co. line (excluding the SR 1903 area) to US Hwy 1, on the South by US Hwy 1 south to the Haw River, from the Wake Co. line; on the west by the Haw River north from US Hwy 1 to the eastern shore of Jordan Lake north to US Hwy 64.</p>	<p>US 1 south to SR 1012 (Moncure Rd.) north to NC 87 to US 64 to US 15-501. US 15-501 north to shelter.</p> <p><u>Or</u>, SR 1972 north to SR 1008. SR 1008 north to US 64. US 64 west to shelter in Siler City.</p> <p><u>Or</u>, US 1 south to SR 1012 (Moncure Rd.) north to NC 87 to US 64. US 64 west to Siler City to Old US 421 to Bear Creek right onto NC 902 to shelter.</p>	<p>Northwood High School</p> <p>Jordan Matthews High School</p> <p>Chatham Central High School</p>
M	<p>Zone includes the main body of the Jordan Lake. Zone bordered on the north by US Hwy 64 E from Griffins Crossroads to the eastern shore of Jordan Lake, on the east by the eastern shore of Jordan Lake south to the Haw River crossing US Hwy 1 to the Cape Fear River, on the south by the Deep River, on the west by an arc from Deep River across SR 1955, SR 1012 and SR 1943 at a point approximately three tenths of a mile east of Hank's Chapel and Haw River to Griffins Crossroads.</p>	<p>SR 1011 through Haywood to SR 1012. SR 1012 north to NC 87 to US 64 west to Siler City to Old US 421 to Bear Creek right onto NC 902 to shelter.</p> <p><u>Or</u>, US 1 south to SR 1012 (Moncure Rd.) north to NC 87 to US 64 west to US 15-501. US 15-501 north to shelter.</p> <p><u>Or</u>, SR 1011 through Haywood. SR 1012 (Moncure Rd.) north to NC 87 to US 64. US 64 west to shelter in Siler City.</p>	<p>Chatham Central High School</p> <p>Northwood High School</p> <p>Jordan Matthews High School</p>
N	<p>Zone bordered on the north by SR 1750, SR 1740, and SR 1742 to the Chatham/Wake Co. line, on the east by the Chatham/Wake Co. line south from SR 1742 to US Hwy 64, on the south by US Hwy 64 W from the Chatham/Wake Co. line to Griffins Crossroads, on the west by an arc from Griffins Crossroads north and east across Jordan Lake to SR 1008 at SR 1750.</p>	<p>NC 751 and SR 1008 south to US 64. US 64 west to US 15-501 north to shelter.</p> <p><u>Or</u>, NC 751 and SR 1008 south to US 64 to Siler City to Old US 421 to Bear Creek right onto NC 902 to shelter.</p> <p><u>Or</u>, NC 751 and SR 1008 south to US 64. US 64 west to shelter in Siler City.</p>	<p>Northwood High School</p> <p>Chatham Central High School</p> <p>Jordan Matthews High School</p>

