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Vogle Project

April 22, 1986

Director of Nuclear Reactor Regulation
Attention: Mr. B. J. Youngblood
PWR Project Directorate #4
Division of PWR Licensing A
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

File: X6BB06
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NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
EMERGENCY PUBLIC INFORMATION/EDUCATION MATERIALS

Dear Mr. Denton:

Enclosed for your staff's review and comment are five (5) copies of the updated text of the Emergency Public Information/Education Materials for the Vogtle Plume Exposure Pathway Emergency Planning Zone (EPZ). The information for both the state of Georgia and the state of South Carolina is included.

If your staff requires any additional information, please do not hesitate to contact me.

Sincerely,

J. A. Bailey
Project Licensing Manager

JAB/sm
Enclosure

xc: R. E. Conway
R. A. Thomas
J. E. Joiner, Esquire
B. W. Churchill, Esquire
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SAFETY

INFORMATION

**Alvin W. Vogtle
Electric Generating Plant**

**Plans To Help You
During Emergencies**

**Please Read Through This Booklet NOW
And Keep It In A Handy Place**

**Put the letter and number of
your zone in the box after
you read this booklet**

A Message To Our Neighbors and Friends

Your county and state governments have worked with Georgia Power Company to prepare these emergency plans. They will help you to be safe if there is an accident at Plant Vogtle. An accident is not likely, but you need to be prepared for one if you live within about ten miles from the plant. This booklet will tell you what to do in case of an emergency.

Please read through the booklet now. Make sure that you and all members of your family understand what it says. Talk it over with your neighbors and other friends. Some of them may need your help, or you may need theirs. If you know of someone who is blind or does not read well, please read the booklet to them. The best way to be safe if there is an emergency is to know what to do ahead of time and to help each other.

Keep this booklet in a handy place. If you want more copies of it or have any questions about it, ask one of these offices for help now.

o **Burke County Emergency Management Agency**

Route 2, Box 51B

Waynesboro, Georgia 30830

Phone number 554-6666

o **Georgia Emergency Management Agency**

P. O. Box 18055

Atlanta, Georgia 30316

Phone number (404) 656-6177

o **Plant Vogtle Visitors Center**

P. O. Box 282

Waynesboro, Georgia 30830

Phone number 724-5197

If there is an emergency, do not listen to rumors. Listen to one of the radio or TV stations listed in this booklet for correct information.

SUMMARY

What To Do If You Are Warned Of An Emergency At Plant Vogtle

- o Stay calm. You will have time to take the needed steps.
- o Turn on your radio or TV. Stay tuned to one of these stations as long as the emergency lasts.
 - Radio WBRO-AM 1310 Waynesboro
 - Radio WJGA-FM 100.9 Waynesboro
 - TV Channels 6, 12, and 26 Augusta
- o Do not use the phone except for a personal emergency. The phone lines will be needed for official calls.
- o CHECK TO SEE IF AN ORDER FOR ACTION APPLIES TO YOUR ZONE.
 - 1. My zone is _____. (Look inside this booklet to find the letter and number of your zone if you have not already done this.)
- o Take these steps to protect yourself if your zone is told to TAKE SHELTER.
 - Keep in mind that children who are in school during an emergency will be cared for. Children at Girard Elementary School will take shelter there. The other schools are far enough from Plant Vogtle so that the children will not need to take shelter. Do NOT try to meet your school children during an emergency. All school children will be cared for until you are able to meet them. You can meet with them as you do on other days when the emergency is over.
 - Go inside your house or some nearby building. Close all windows and outside doors.
 - Turn off heating or cooling systems. Put out fires in fireplaces or stoves. Close the flues.
 - Shelter your livestock if you can do that easily. Place them on stored feed. Keep your pets inside.
 - Place a damp and folded handkerchief or towel over your nose and mouth if you must go outside.
 - Stay inside until the radio or TV says you can leave safely.
- o Take these steps to protect yourself if your zone is told to EVACUATE.
 - Do NOT try to meet your children who are in school during an emergency. Children at Girard Elementary School will be moved to the Reception Center if they need to evacuate. The other schools are far enough from Plant Vogtle so that the children will not need to evacuate. All school children will be cared for until you are able to

- meet them. You will be told how to meet them when you sign in at the Reception Center.
- Pack only what you will need for a few days. Take this booklet, glasses, dentures, prescription drugs and important medicines, clothing, bedding, baby supplies, portable radio, flashlight, checkbook, credit cards, and important papers.
 - Shelter your livestock if you can do that easily.
 - Leave them enough water and stored feed for several days. Leave your pets inside with enough food and water for several days. You may take your pets with you only if you do not plan to stay at the Reception Center after you sign in.
 - Turn off all appliances except your refrigerator and freezer. Turn off the lights. Lock all windows and outside doors.
 - Tie a white cloth to the front doorknob or the mailbox of your house as you leave. Security will be provided for your area while you are gone.
 - Remind nearby friends and neighbors to evacuate. Do not use the phone lines for this, since they are needed for official calls.
 - Use your own car if you can. If you have room, check to see if any neighbors need a ride. If you know someone who is handicapped or an invalid, give them a ride if you can. If you need a ride yourself, try to get one with a friend. If you cannot do that and have not sent in the Special Needs Card, stay tuned to the radio or TV. Listen for the phone number to call to be picked up.
 - Follow the route below to the Reception Center in Waynesboro. Traffic control officials will guide you on the trip.

2. My evacuation route is _____

(Look inside this booklet to find your route on the map if you have not already done this.)

- Close car windows and vents.
- Tune your car radio to WBRO-AM, 1310, or WWGA-FM, 100.9, as you drive. Follow the directions given on these stations even if they are not the same as those in this booklet.
- Sign in at your Reception Center. The Center is Burke County Comprehensive High School, on Perimeter Road in Waynesboro.

— Ask at the Center where to meet your school children and other family members who did not evacuate with you. You can also get other help at the Center if you need it.

o Please read through the rest of this booklet for more details if you have not already done so. If you want to keep some other notes on hand in case of an emergency, write them here.

3. _____

Emergency Response Plans

If there is an accident at Plant Vogtle, experts will decide how severe it is. Your State and County officials will tell you if you need to do anything, based on the plans described here. Be sure these plans are clear to you. If you have any questions while reading this booklet, ask one of the offices listed earlier for help now. That way you will be prepared before an emergency can come up.

When Will An Emergency Affect You?

The Nuclear Regulatory Commission and the Environmental Protection Agency have studied this question. They have found that most likely you will not have to do anything. However, if you live or work as close as 10 miles from Plant Vogtle, you will need to be prepared in case there is an emergency.

You may or may not be affected if your home or the place you work is in one of the zones on the map inside this booklet. An accident could affect some parts of the map and not others. That will depend on where the wind is coming from, how strong it is, and on how bad the accident is. To help you know if you will have to take some action or not, the map has 11 zones marked on it. It also has 4 boat landings marked on the Savannah River. The distances of the zones and boat landings from Plant Vogtle are shown here.

Zones on the Map	Boat Landings on the River	Distance from Plant Vogtle
A	R-2	About 0 to 2 miles
B-5 C-5 D-5 E-5 F-5	R-3	About 2 to 5 miles
B-10 C-10 D-10 E-10 F-10	R-1 R-4	About 5 to 10 miles

Radio and TV stations will broadcast during an emergency to tell you which zones and boat landings may be affected. Unfold this booklet now and pick out the zone where you live or work. Put that letter and number in the box on the front of the booklet to make it easy to find later if you need it. Also write the letter and number in the blank with the number 1 in the Summary section. Then come back to this page and read on.

How Will You Be Told About An Emergency?

You will find out about an emergency in one or more of these ways.

1. Outdoor sirens in your area will warn you.
 - o A long blast of three to five minutes will sound.
 - o You may hear more than one blast from the siren.
2. Your weather radio will warn you.
 - o A loud tone will sound.
 - o A short message will come on.
 - o The red light on the front will go on.
3. These radio stations will broadcast a warning.
 - o WBRO-AM 1370 Waynesboro
 - o WJGA-FM 100.9 Waynesboro
4. These TV stations will broadcast a warning.
 - o Channel 6 Augusta
 - o Channel 12 Augusta
 - o Channel 26 Augusta
5. Vehicles will sound their sirens or loudspeakers. Boats with sirens or loudspeakers will warn persons on and near the Savannah River.
6. Emergency workers and local officials will contact persons as needed.

Check your weather radio now to be prepared for possible warnings.

- o Keep it in your bedroom.
- o Keep it plugged in.
- o Keep the power switch on.
- o Read through the booklet called "Questions and Answers About Your NOAA Weather Radio."

If you do not have that booklet or if your weather radio does not work, call the Georgia Power Company's District Office in Waynesboro, 554-2116. Your weather radio will be replaced free.

The outdoor sirens can come on for these reasons.

- o To test the system. These tests may be made as often as every _____ (weeks/months). You will be able to tell a siren test by _____.
- o To warn of an emergency at Plant Vogtle.

Your weather radio can come on for these reasons.

- o To test the system. These tests will be made around noon on Wednesdays unless there is a chance of severe weather at that time. The system may also be tested

- at other times during drills.
- o To warn of severe weather.
- o To warn of an emergency at Plant Vogtle.

When you get a warning, tune in to one of these radio or TV stations for more news. Do not listen to rumors. These stations will give you the correct information.

- o Radio--1310 AM and 100.9 FM
- o TV--Channels 6, 12, and 26

If there is an emergency at Plant Vogtle, these stations will tell you which zones are affected. They will also say what actions to take for protection. Stay tuned to one of these stations as long as the emergency lasts.

What Are The Actions You Might Need To Take?

You need to be prepared if a serious accident happens at Plant Vogtle. A large dose of radiation is harmful to your health and might threaten your life. The two actions you might be asked to take to protect yourself are called **Take Shelter** and **Evacuate**. They are described in the next two sections. Be sure you are clear about them.

If you have neighbors who are hard of hearing or who do not see or read well, please help them. Be sure they know what they might need to do in an emergency. Fill out the **Special Needs Card** that came with this booklet and mail it for them if they cannot do this themselves. Use this card also if you, or if someone you know, needs a wheelchair, a ride, or special help of some other kind in an emergency.

What If You Are Told To TAKE SHELTER?

This means to protect yourself by going inside a building and keeping out as much outside air as you can. The building could be your house, the place you work, or some other nearby building. Taking shelter is a good thing to do if there is a small amount of radiation in the air.

Do NOT try to meet your children who are in school during an emergency. Children at Girard Elementary School will take shelter at their school. The other schools are far enough from Plant Vogtle so that children will not need to take shelter during an emergency at the Plant. All school children will be cared for as long as there is a need for you to take shelter. You can meet with them as you do on other days when the emergency is over.

Follow these steps to protect yourself if there is a need to take shelter.

- o Go inside a nearby building if you are outside. Stay inside until the radio or TV says you can leave safely.
 - o Close all windows and doors to the outside.
 - o Turn off all fans, air conditioners, heaters, and furnace.
 - o Put out fires in fireplaces or stoves. Close the flues to keep out the outside air.
 - o Shelter your livestock if you can do that easily and place them on stored feed. Keep your pets inside.
 - o Put a damp and folded handkerchief or towel over your nose and mouth if you must go outside. Stay out as short a time as you can.
 - o Stay tuned to one of these stations as long as the emergency lasts.
- | | | | |
|----------|----------|---------------|------------|
| -- Radio | WBRO-AM | 1310 | Waynesboro |
| -- Radio | WJGA-FM | 100.9 | Waynesboro |
| -- TV | Channels | 6, 12, and 26 | Augusta |

What If You Are Told To EVACUATE?

This means that you and all family members who are with you should move to a place more than 5 miles outside the emergency area. Go first to the Reception Center, which is Burke County Comprehensive High School on Perimeter Road in Waynesboro. Sign in when you get there. That will make it possible to keep track of all persons during an emergency.

Do NOT try to meet your children who are in school during an emergency. Teachers and other adults will move the children from Girard Elementary School to the Reception Center at Burke County Comprehensive High School if they need to evacuate. The other schools are far enough from Plant Vogtle so that the children will not need to evacuate. All school children will be cared for until you are able to meet them. Do NOT try to meet your school children until you have signed in at the Reception Center. You will be told how to meet them at that time.

Plans have been made to give you housing if you need it. You may also need to be checked for radiation, which can be done at the Reception Center. The Center is shown on the map inside this booklet. Unfold the booklet and follow the steps to find the Center and how to get there. You can also find out what to take with you as you go.

WHAT TO DO IF YOU ARE TOLD TO EVACUATE

The map and the chart on this page show you how to move out of your zone if you are told to evacuate. Steps are also given to help you get ready for the trip.

Follow These Steps To Be Prepared For An Emergency

1. Keep your important papers together. That way you can gather them quickly when you need them.
2. Keep together other things you might use on a trip. Examples are a flashlight, a tool kit, and a portable radio.
3. Keep enough gas in your car for a short drive.
4. Fill out and mail the Special Needs Card NOW if you have not already done so. Use it if you or someone you know would need special help at the time of an emergency. Workers would then be sent during an emergency to help you or anyone who has special needs at that time.
5. Keep your NOAA weather radio in your bedroom. Be sure it is PLUGGED IN with the power switch ON. Read through the booklet called "Questions and Answers About Your NOAA Weather Radio" if you have not already done so.
6. Keep feed on hand for a week if you own livestock. If you have a livestock shelter, keep it in good shape. Be prepared to be away for several days.

Follow These Steps For Using The Map And The Chart

1. Find the zone on the map where you live or work. Look on the map to get the letter and number of that zone. Be sure to put that letter and number in the box on the front of the booklet if you have not already done so. Also be sure to put it in the blank with the number 1 in the Summary section.
2. Find that same letter and number in the column on the chart headed "Zone." To help you, the color will be the same as the color of your zone on the map. Circle the letter and number of your zone on the chart.
3. Find the evacuation route for your zone. Look across the chart to the next column headed "Evacuation Routes." This column tells you the number of the route to take to the Reception Center. There are four routes to the Center, which is Burke County Comprehensive High School, on Perimeter Road in Waynesboro. Each numbered route is described below. If more than one route number is listed in the second column for your zone, choose the one that is easiest for you to follow.
 - o **Evacuation Route 1.** West on Georgia 80 to Georgia 56. South on Georgia 56 to Perimeter Road. South on Perimeter Road to Reception Center.
 - o **Evacuation Route 2.** West on Rouse Store Road to Seven Oaks - Shell Bluff Road. North on Seven Oaks - Shell Bluff Road to Sam Mead and Cates Mead Roads. West on Sam Mead and Cates Mead Roads to Georgia 56. South on Georgia 56 to Perimeter Road. South on Perimeter Road to Reception Center.
 - o **Evacuation Route 3.** South on CC Road to Georgia 23. East on Georgia 23 to County Road 457. West on County Road 457 to Georgia 24. West on Georgia 24 to Perimeter Road. North on Perimeter Road to Reception Center.
 - o **Evacuation Route 4.** West and south on Georgia 23 to Parker Bonnell Road. West on Parker Bonnell Road to Georgia 24. West on Georgia 24 to Perimeter Road. North on Perimeter Road to Reception Center.

Residents of B-10: South on Brigham's Landing Road to Georgia 23, or south on Royal Road to County Road 453 and west on County

Road 453 to Georgia 23. West and south on Georgia 23 to Parker Bonnell Road. West on Parker Bonnell Road to Georgia 24. West on Georgia 24 to Perimeter Road. North on Perimeter Road to Reception Center.

Trace your route on the map. Also write it in the blanks with the number 2 in the Summary section. That will help you in an emergency.

4. Try this example. It will show you if you are using the chart in the right way. Suppose you live or work in zone E-5. You would drive from the place you live or work to either Evacuation Route 1 or Evacuation Route 2, whichever is easier to follow. If Evacuation Route 1 is easier, you would drive first to Georgia Highway 80. You would go west on Georgia Highway 80 to Georgia Highway 56. You would next go south on Georgia Highway 56 to Perimeter Road. You would then take Perimeter Road south to the Reception Center.

OR

Suppose Evacuation Route 2 is easier to follow. You would drive first to Rouse Store Road. You would go west on Rouse Store Road to Seven Oaks - Shell Bluff Road. You would go north on Seven Oaks - Shell Bluff Road to Sam Mead and Cates Mead Roads. You would go west on Sam Mead and Cates Mead Roads to Georgia Highway 56. You would then go south on Georgia Highway 56 to Perimeter Road, and follow it south to the Reception Center.

5. Write or call one of the offices below NOW if you have any questions about your route or the Reception Center.

o Burke County Emergency Management Agency
Route 2, Box 51B
Waynesboro, Georgia 30830

Phone number 554-6686

o Georgia Emergency Management Agency
P. O. Box 18055
Atlanta, Georgia 30316

Phone number (404) 656-6177

6. Read through the steps below. They will tell you how to get ready and what to take if you are told to evacuate.

CHART OF THE 11 ZONES AROUND PLANT VOGTLE

Zone	Evacuation Routes
A	Evacuation Route 2 OR Evacuation Route 3
B-5	Evacuation Route 3 OR Evacuation Route 4
C-5	Evacuation Route 2 OR Evacuation Route 3
D-5	Evacuation Route 2
E-5	Evacuation Route 1 OR Evacuation Route 2
F-5	Evacuation Route 1 OR Evacuation Route 2

Zone	Evacuation Routes
B-10	Evacuation Route 4
C-10	Evacuation Route 3 OR Evacuation Route 4
D-10	Evacuation Route 2 OR Evacuation Route 3 OR Evacuation Route 4
E-10	Evacuation Route 1 OR Evacuation Route 2 OR Evacuation Route 3
F-10	Evacuation Route 1

Follow These Steps To Get Ready For The Trip

1. Stay as calm as you can. If you already know where to go and what to take, that will help. You will have time to do what you need to do. Remember that nuclear power plants do NOT explode.
2. Stay tuned to one of these stations for news about the emergency.

o Radio	WBRO-AM	1310	Waynesboro
o Radio	WWGA-FM	100.9	Waynesboro
o TV	Channels	6, 12, and 26	Augusta
3. Keep in mind that children who are in school during an emergency will be cared for. Do NOT try to meet your school children until you have signed in at the Reception Center. You will be told how to meet them at that time.
4. Gather what you and your family will need. You will likely have to be away from home for a few days. Take these things along if you can.
 - This booklet
 - Glasses, dentures, prescription drugs, other important medicines, and first aid kit
 - Extra clothing and shoes for each person in your family
 - Baby supplies; include a favorite sleep toy
 - Two blankets for each person; or a sleeping bag, cot, or air mattress for each person
 - Portable radio and batteries
 - Flashlight and batteries
 - Some way to identify yourself, such as a driver's license; other important papers
 - Cash, checkbook, and credit cards
 - Magazines or books to read
5. Remember as you leave to do the following.
 - Shelter your livestock if you can do that easily. Leave them enough water and stored feed for several days. Leave your pets inside with enough water and food for several days. You may take your pets with you only if you do not plan to stay at the Reception Center.
 - Turn off all appliances except your refrigerator and freezer. Turn off the lights.
 - Lock all windows and outside doors. There will be security for the evacuated area.
 - Tie a white cloth to the front doorknob of your house or to your mailbox. The white cloth will tell emergency workers that you have left safely.
 - Remind nearby friends and neighbors about the

need to evacuate. Do NOT use the phone for this since the lines will be needed for official calls.

- Use your own car if you can. If you have room, check to see if any of your neighbors need a ride with you. If you know someone who is handicapped or an invalid, give them a ride if you can. You may need a ride yourself and cannot get one with a friend. If you have already sent in the Special Needs Card, an emergency worker will pick you up. If you have not sent in the Card, stay tuned to the radio or TV for information. Listen for the phone number to call to be picked up.
- Follow the route you have marked on the map in this booklet as you drive away. Traffic control officials will help guide you on the trip.
- Close car windows and vents. Keep the air conditioner and heater off.
- Listen to one of these radio stations for reports about your route and other news.
 - o WBRO-AM 1310 Waynesboro
 - o WWGA-FM 100.9 Waynesboro

6. Drive carefully to the Reception Center in Waynesboro and sign in. Ask these kinds of questions when you get to the Center.

- Where school children and other members of your family are, if they are not with you.
- How to get checked for radiation.
- How to get medical or other help.
- When it is safe to go back home.
- How to get housing if you need it. You do not have to stay at the Reception Center after you sign in. You may instead wish to stay with friends or relatives who live more than 15 miles from Plant Vogtle. Or you may wish to stay at a motel or hotel.

Classes Of Accidents

Four classes of accidents could happen in nuclear power plants.

1. **Notification of Unusual Event.** This is the least serious kind of problem. It might lower the safety of the plant. State and county officials would be told of it. You would not have to do anything.

2. **Alert.** This means a more serious kind of problem. It might lower plant safety still more. State and county officials would be told about it. It is not likely that you would have to do anything.

3. **Site Area Emergency.** This means something serious has happened at the plant and it could lead to worse problems. Some radioactive matter could be released very close to the plant, but this does not always happen. State and county officials would be told and would prepare to help. They might have to act to protect people near the plant. You should listen to one of the Waynesboro radio or Augusta TV stations to find out what to do.

4. **General Emergency.** This is the most severe kind of problem. There is a threat from radiation to the people near the plant. State and county officials would tell people what to do for their safety. They would use the Waynesboro radio and Augusta TV stations to tell you what to do. They would ask you to listen as long as the emergency lasts.

Where To Get More Information Or Other Help

Be sure that you, the members of your family, and your friends understand the information in this booklet. Help each other if you can. All of you will then know what to do if there is an emergency. You can be prepared ahead of time and will not have to try to use the phone when the lines are needed for official business. Call or write to one of the offices below NOW if you have questions about this booklet.

o **Burke County Emergency Management Agency**

Route 2, Box 51B

Waynesboro, Georgia 30830

Phone number 554-6666

o **Georgia Emergency Management Agency**

P. O. Box 18055

Atlanta, Georgia 30316

Phone number (404) 656-6177

o **Plant Vogtle Visitors Center**

P. O. Box 282

Waynesboro, Georgia 30830

Phone number 724-5197

If you get a warning from your weather radio or some other way of an emergency at Plant Vogtle, tune to one of these stations. Stay tuned as long as the emergency lasts.

Follow the directions given on these stations even if they are not the same as those in this booklet.

- | | | | |
|---------|----------|---------------|------------|
| o Radio | WBRO-AM | 1310 | Waynesboro |
| o Radio | WWGA-FM | 100.9 | Waynesboro |
| o TV | Channels | 6, 12, and 26 | Augusta |

What Radiation Is

Everything around you, called "matter," is made up of small particles called "atoms." Some matter is "radioactive." This means the atoms can break apart and give off energy in the form of "radiation." This energy can be used to make electricity, to treat cancer, and in other helpful ways.

You live with radiation all the time, and take some of it into your body each day. The amount is measured in "millirems." You get some of the following amounts in a year from these sources.

- o Cosmic rays--about 45 millirems
- o The earth--about 15 millirems
- o Your water, food, and air--about 25 millirems
- o The material in your house--about 30 millirems in a wooden house and about 50 millirems in a brick house
- o One chest X-ray--about 20 millirems
- o One round-trip airline flight from New York to London and back--about 4 millirems
- o A color TV set--about 1 millirem

Living next to a plant like Plant Vogtle will add about 1 millirem each year.

At times you must be careful how much radiation enters your body. If there is an accident at Plant Vogtle, some radioactive matter may escape and be carried in the air. If the amount is large, an emergency warning will be broadcast. You may then be asked to protect yourself from it. Your house or some other building can often be a good shelter until the wind scatters and carries the matter away. In some cases, though, you could be asked to leave the area.

Sign Warning A (for sportsmen)

EMERGENCY INFORMATION ABOUT PLANT VOGTLE

You are near Plant Vogtle, a nuclear power plant. An emergency at Plant Vogtle is not likely. But if there is a serious emergency, you will be warned in one or more of these ways.

- o Outdoor sirens
- o Vehicles with a siren or loudspeaker
- o Boats with a siren or loudspeaker

What To Do If You Are Warned Of An Emergency

- o Stay calm. You will have time to take the needed steps.
- o Listen to one of these radio stations. Stay tuned to find out what to do.
 - WBRO-AM 1310 Waynesboro
 - WWGA-FM 100.9 Waynesboro
- o Tell others who are nearby of the emergency.
- o Look in the last two White Pages of a Waynesboro/Sardis phone book under "Emergency Notification Service." There you will find more details on what to do in an emergency.

Sign Warning B (for hotels, motels, etc.)

EMERGENCY INFORMATION ABOUT PLANT VOGTLE

You are near Plant Vogtle, a nuclear power plant. An emergency at Plant Vogtle is not likely. But if there is a serious emergency, you may need to be warned of it. You will be warned in one or more of these ways.

- o Outdoor sirens in your area
- o NOAA weather radio
- o Waynesboro radio stations WBRO-AM, 1310, and WWGA-FM, 100.9
- o Augusta TV stations, Channels 6, 12, and 26
- o Vehicles with sirens or loudspeakers
- o Door-to-door warnings by emergency workers

What To Do If You Are Warned Of An Emergency

- o Stay calm. You will have time to take the needed steps.
- o Listen to one of these radio stations. Stay tuned to find out what to do.
 - WBRO-AM 1310 Waynesboro
 - WWGA-FM 100.9 Waynesboro
- o Tell others who are nearby of the emergency.
- o Look in the last two White Pages of a Waynesboro/Sardis phone book under "Emergency Notification Service." There you will find more details on what to do in an emergency.

Special Needs Card

Some people may need special help if there is an emergency at Plant Vogtle. Please fill out and mail the Special Needs Card if you, or someone you know,
o needs help to travel,
o has a physical or mental problem.

Fill out a separate card for each person who needs special help in an emergency. Please type or print as clearly as you can. If you want more of these cards, check that space below and tell how many you need and where they should be sent.

Name of person who needs help: _____

Home address (street or rural route): _____

City and State: _____

Phone number: Home _____ Work _____

Please check the reason or reasons that special help would be needed in an emergency. This person:

- has no way to travel.
- is deaf or hard of hearing.
- is blind or does not see well.
- does not read well.
- uses a wheelchair.
- must stay in bed.
- uses a kidney machine or other support machine.
- needs help for another reason. Please say why below.

Please send me:

more of these cards. Number needed: _____

more booklets. Number needed: _____

some other information. Please say what it is below.

My name is: _____

Address (street or rural route): _____

City: _____ Phone number: _____

SAFETY

INFORMATION <SC>

**Alvin W. Vogtle
Electric Generating Plant**

**Plans To Help You
During Emergencies**

**Please Read Through This Booklet NOW
And Keep It In A Handy Place**

**Put the letter and number of
your zone in the box after
you read this booklet**

A Message To Our Neighbors and Friends (SC)

Your county and state governments have worked with Georgia Power Company to prepare these emergency plans. They will help you to be safe if there is an accident at Plant Vogtle. An accident is not likely, but you need to be prepared for one if you live within about ten miles from the plant. This booklet will tell you what to do in case of an emergency.

Please read through the booklet now. Make sure that you and all members of your family understand what it says. Talk it over with your neighbors and other friends. Some of them may need your help, or you may need theirs. If you know of someone who is blind or does not read well, please read the booklet to them. The best way to be safe if there is an emergency is to know what to do ahead of time and to help each other.

Keep this booklet in a handy place. If you want more copies of it or have any questions about it, ask one of these offices for help now.

- o **Aiken County Emergency Services**
828 Richland Avenue West
Aiken, South Carolina 29801
Phone number (803) 642-1623

- o **Allendale County Disaster Preparedness Agency**
Allendale County Courthouse
P.O. Box 507
Allendale, South Carolina 29810
Phone number (803) 584-4081

- o **Barnwell County Disaster Preparedness Agency**
Barnwell County Detention Center
Calhoun Street
Barnwell, South Carolina 29812
Phone number (803) 259-7013

- o **South Carolina Emergency Preparedness Division**
1429 Senate Street
Columbia, South Carolina 29201
Phone number (803) 758-2826
(until July 3, 1986)
Phone number (803) 734-8020
(effective July 4, 1986)

- o **Plant Vogtle Visitors Center**
P. O. Box 282
Waynesboro, Georgia 30830
Phone number (404) 724-5197

If there is an emergency, do not listen to rumors. Listen to one of the radio or TV stations listed in this booklet for correct information.

SUMMARY (SC)

What To Do If You Are Warned Of An Emergency At Plant Vogtle

o Stay calm. You will have time to take the needed steps.

o Turn on your radio or TV. Stay tuned to one of these stations as long as the emergency lasts.

- WBBQ-FM	104.3	Augusta	- WBBQ-AM	1340	Augusta
- WGUS-FM	102.2	Augusta	- WGUS-AM	1380	Augusta
- WNEZ-FM	99.3	Aiken	- WAKN-AM	990	Aiken
- WTCB-FM	106.7	Orangeburg	- WBAW-AM	740	Barnwell
- WWLT-FM	92.1	Bamberg	- TV Channels 6, 12, and 26		Augusta

o Do not use the phone except for a personal emergency.
The phone lines will be needed for official calls.

o CHECK TO SEE IF AN ORDER FOR ACTION APPLIES TO YOUR ZONE.

1. My zone is _____. (Look inside this booklet to find the letter and number of your zone if you have not already done this.)

o Take these steps to protect yourself if your zone is told to TAKE SHELTER.

- Keep in mind that children who are in school during an emergency will be cared for. The schools are far enough from Plant Vogtle so that the children will not need to take shelter. Do NOT try to meet your school children during an emergency. All school children will be cared for until you are able to meet them. You can meet with them as you do on other days when the emergency is over.
- Go inside your house or some nearby building. Close all windows and outside doors.
- Turn off heating or cooling systems. Put out fires in fireplaces or stoves. Close the flues.
- Shelter your livestock if you can do that easily. Place them on stored feed. Keep your pets inside.
- Place a damp and folded handkerchief or towel over your nose and mouth if you must go outside.
- Stay inside until the radio or TV says you can leave safely.

o Take these steps to protect yourself if your zone is told to EVACUATE.

- Do NOT try to meet your children who are in school during an emergency. The schools are far enough from Plant Vogtle so that the children will not need to evacuate. All school children will be cared for until you are able to meet them. You will be told how to meet them when you sign in at your Shelter.

- Pack only what you will need for a few days. Take this booklet, glasses, dentures, prescription drugs and important medicines, clothing, bedding, baby supplies, portable radio, flashlight, checkbook, credit cards, and important papers.
- Shelter your livestock if you can do that easily. Leave them enough water and stored feed for several days. Leave your pets inside with enough food and water for several days. You may take your pets with you only if you do not plan to stay at your Shelter after you sign in.
- Turn off all appliances except your refrigerator and freezer. Turn off the lights. Lock all windows and outside doors.
- Tie a white cloth to the front doorknob or the mailbox of your house as you leave. Security will be provided for your area while you are gone.
- Remind nearby friends and neighbors to evacuate. Do not use the phone lines for this, since they are needed for official calls.
- Use your own car if you can. If you have room, check to see if any neighbors need a ride. If you know someone who is handicapped or an invalid, give them a ride if you can. If you need a ride yourself, try to get one with a friend. If you cannot do that and have not sent in the Special Needs Card, stay tuned to the radio or TV. Listen for the phone number to call to be picked up.
- Follow the route below to your Shelter. The Shelter for Aiken County is South Aiken High School on Pine Log Road. The Shelter for Allendale and Barnwell Counties is Allendale Elementary School on U.S. Highway 278
- Traffic control officials will guide you on the trip.

2. My evacuation route is _____

(Look inside this booklet to find your route on the map if you have not already done this.)

- Close car windows and vents.
- Tune your car radio to one of these stations as you drive.

WBBQ-FM	104.3	Augusta	WBBQ-AM	1340	Augusta
WGUS-FM	102.2	Augusta	WGUS-AM	1380	Augusta
WNEZ-FM	99.3	Aiken	WAKN-AM	990	Aiken

WTCB-FM 106.7 Orangeburg WBAW-AM 740 Barnwell
WWLT-FM 92.1 Bamberg

Follow the directions given on these stations even if they are not the same as those in this booklet.

- Sign in at your Shelter listed above.
- Ask at the Shelter where to meet your school children and other family members who did not evacuate with you. You can also get other help at the Shelter if you need it.

o Please read through the rest of this booklet for more details if you have not already done so. If you want to keep some other notes on hand in case of an emergency, write them here.

3. _____

Emergency Response Plans (SC)

If there is an accident at Plant Vogtle, experts will decide how severe it is. Your State and County officials will tell you if you need to do anything, based on the plans described here. Be sure these plans are clear to you. If you have any questions while reading this booklet, ask one of the offices listed earlier for help now. That way you will be prepared before an emergency can come up.

When Will An Emergency Affect You? (SC)

The Nuclear Regulatory Commission and the Environmental Protection Agency have studied this question. They have found that most likely you will not have to do anything. However, if you live or work as close as 10 miles from Plant Vogtle, you will need to be prepared in case there is an emergency.

You may or may not be affected if your home or the place you work is in one of the zones on the map inside this booklet. An accident could affect some parts of the map and not others. That will depend on where the wind is coming from, how strong it is, and on how bad the accident is. To help you know if you will have to take some action or not, the map has 2 zones marked on it. It also has 2 boat landings marked on the Savannah River. The distances of the zones and boat landings from Plant Vogtle are shown here.

Zones on the Map	Boat Landings on the River	Distance from Plant Vogtle
G-10	R-5	About 8 to 10 miles
H-10	R-6	About 9 to 10 miles

Radio and TV stations will broadcast during an emergency to tell you which zones and boat landings may be affected. Unfold this booklet now and pick out the zone where you live or work. Put that letter and number in the box on the front of the booklet to make it easy to find later if you need it. Also write the letter and number in the blank with the number 1 in the Summary section.

Radio and TV stations will also tell you if the area of the Savannah River Plant will be affected. Savannah River Plant officials will tell you what to do if you are at work at the Plant during an emergency.

How Will You Be Told About An Emergency? (SC)

You will find out about an emergency in one or more of these ways.

1. Outdoor sirens in your area will warn you.
 - o A long blast of three to five minutes will sound.
 - o You may hear more than one blast from the siren.
2. Your weather radio will warn you.
 - o A loud tone will sound for about 20 seconds.
 - o A red light on the top near the front will flash.
 - o A short message will come on.
3. These radio stations will broadcast a warning.

o WBBQ-FM	104.3	Augusta	o WBBQ-AM	1340	Augusta
o WGUS-FM	102.2	Augusta	o WGUS-AM	1380	Augusta
o WNEZ-FM	99.3	Aiken	o WAKN-AM	990	Aiken
o WTCB-FM	106.7	Orangeburg	o WBAW-AM	740	Barnwell
o WWLT-FM	92.1	Samberg			
4. These TV stations will broadcast a warning.

o Channel 6	Augusta
o Channel 12	Augusta
o Channel 26	Augusta
5. Vehicles will sound their sirens or loudspeakers. Boats with sirens or loudspeakers will warn persons on and near the Savannah River.
6. Emergency workers and local officials will contact persons as needed.

Check your weather radio now to be prepared for possible warnings.

- o Keep it in your bedroom.
- o Keep it plugged in.
- o Keep the power switch on.
- o Read through the booklet called "Questions and Answers About Your NOAA Weather Radio."

If you do not have that booklet or if your weather radio does not work, call the Georgia Power Company's District Office in Waynesboro, Georgia, phone number (404) 554-2116. Your weather radio will be replaced free.

The outdoor sirens can come on for these reasons.

- o To test the system. These tests may be made as often as every _____ (weeks/months). You will be able to tell a siren test by _____.
- o To warn of an emergency at Plant Vogtle.

Your weather radio can come on for these reasons.

- o To test the system. These tests will be made around noon on Wednesdays unless there is a chance of severe weather at that time. The system may also be tested at other times during drills.
- o To warn of severe weather.
- o To warn of an emergency at Plant Vogtle.

When you get a warning, tune in to one of these radio or TV stations for more news. Do not listen to rumors. These stations will give you the correct information.

- o Radio--FM 92.1, 99.3, 102.2, 104.3, and 106.7
- o Radio--AM 740, 990, 1340, and 1380
- o TV--Channels 6, 12, and 26

If there is an emergency at Plant Vogtle, these stations will tell you which zones are affected. They will also say what actions to take for protection. Stay tuned to one of these stations as long as the emergency lasts.

What Are The Actions You Might Need To Take? (SC)

You need to be prepared if a serious accident happens at Plant Vogtle. A large dose of radiation is harmful to your health and might threaten your life. The two actions you might be asked to take to protect yourself are called **Take Shelter** and **Evacuate**. They are described in the next two sections. Be sure you are clear about them.

If you have neighbors who are hard of hearing or who do not see or read well, please help them. Be sure they know what they might need to do in an emergency. Fill out the **Special Needs Card** that came with this booklet and mail it for them if they cannot do this themselves. Use this card also if you, or if someone you know, needs a wheelchair, a ride, or special help of some other kind in an emergency.

What If You Are Told To TAKE SHELTER? (SC)

This means to protect yourself by going inside a building and keeping out as much outside air as you can. The building could be your house, the place you work, or some other nearby building. Taking shelter is a good thing to do if there is a small amount of radiation in the air.

Do NOT try to meet your children who are in school during an emergency. The schools are far enough from Plant Vogtle so that the children will not need to take shelter. All school children will be cared for until you are able to meet them. You can meet them as you do on other days when the emergency is over.

Follow these steps to protect yourself if there is a need to take shelter.

- o Go inside a nearby building if you are outside. Stay inside until the radio or TV says you can leave safely.
- o Close all windows and doors to the outside.
- o Turn off all fans, air conditioners, heaters, and furnace.
- o Put out fires in fireplaces or stoves. Close the flues to keep out the outside air.
- o Shelter your livestock if you can do that easily and place them on stored feed. Keep your pets inside.
- o Put a damp and folded handkerchief or towel over your nose and mouth if you must go outside. Stay out as short a time as you can.
- o Stay tuned to one of these stations as long as the emergency lasts.

WBBQ-FM	104.3	Augusta	WBBQ-AM	1340	Augusta
WGUS-FM	102.2	Augusta	WGUS-AM	1380	Augusta
WNEZ-FM	99.3	Aiken	WAKN-AM	990	Aiken
WTCB-FM	106.7	Orangeburg	WBAW-AM	740	Barnwell
WWLT-FM	92.1	Bamberg	TV Channels 6, 12, and 26		Augusta

What If You Are Told To EVACUATE? (SC)

This means that you and all family members who are with you should move to a place more than 5 miles outside the emergency area. Go first to your Shelter, which is shown in this booklet. Sign in when you get there. That will make it possible to keep track of all persons during an emergency.

Do NOT try to meet your children who are in school during an emergency. The schools are far enough from Plant Vogtle so that the children will not need to evacuate. All school children will be cared for until you are able to meet them. Do NOT try to meet your school children until you have signed in at your Shelter. You will be told how to meet them at that time.

Plans have been made to give you housing if you need it. You may also need to be checked for radiation, which can be done at your Shelter. The Shelters are shown on the map inside this booklet. Unfold the booklet and follow the steps to find your Shelter and how to get there. You can also find out what to take with you as you go.

WHAT TO DO IF YOU ARE TOLD TO EVACUATE (SC)

The map and the chart on this page show you how to move out of your zone if you are told to evacuate. Steps are also given to help you get ready for the trip.

Follow These Steps To Be Prepared For An Emergency (SC)

1. Keep your important papers together. That way you can gather them quickly when you need them.
2. Keep together other things you might use on a trip. Examples are a flashlight, a tool kit, a portable radio, medical needs and personal items.
3. Keep enough gas in your car for a short drive.
4. Fill out and mail the Special Needs Card NOW if you have not already done so. Use it if you or someone you know would need special help at the time of an emergency. Workers would then be sent during an emergency to help you or anyone who has special needs at that time.
5. Keep your NOAA weather radio in your bedroom. Be sure it is PLUGGED IN and has the power switch ON. Read through the booklet called "Questions and Answers About Your NOAA Weather Radio" if you have not already done so.
6. Keep feed on hand for a week if you own livestock. If you have a livestock shelter, keep it in good shape. Be prepared to be away for several days.

Follow These Steps For Using The Map And The Chart (SC)

1. Find the zone on the map where you live or work. Look on the map to get the letter and number of that zone. Be sure to put that letter and number in the box on the front of the booklet if you have not already done so. Also be sure to put it in the blank with the number 1 in the Summary section.
2. Find that same letter and number in the column on the chart headed "Zone." To help you, the color will be the same as the color of your zone on the map. Circle the letter and number of your zone on the chart.
3. Find the evacuation route for your zone. Look across the chart to the next column headed "Evacuation Routes." This column tells you the number of the route to take to your Shelter. The two numbered routes to the Shelters are described below. If you are working at the Savannah River Plant during an emergency, officials will direct you to the route to take, as shown on the chart.

o Evacuation Route 5. East and then north on the road from Gray's Landing to Highway 5. Northwest on Highway 5 to Highway 63. North on Highway 63 to Highway 57. North on Highway 57 to South Carolina 302. South Carolina 302 to Pine Log Road in Aiken. Right on Pine Log Road to the Shelter at South Aiken High School.

o Evacuation Route 6. North on the road from Steel Creek Landing (Highway 493) to South Carolina 125. Southeast on South Carolina 125 to U.S. 278 in Allendale. East on U.S. 278 to the Shelter at Allendale Elementary School.

Trace your route on the map. Also write it in the blanks with the number 2 in the Summary section. That will help you in an emergency.

4. Try this example. It will show you if you are using the chart in the right way. Suppose you live or work in zone H-10. You would go north on the road from Steel Creek Landing (Highway 493) to South Carolina Highway 125. You would then go east on South Carolina 125 to U.S. Highway 278 in Allendale. You would go east on U.S. 278 for five blocks to Allendale Elementary School.
5. Write or call one of the offices below NOW if you

have any questions about your route or the Shelter.

- o **Aiken County Emergency Services**
828 Richland Avenue West
Aiken, South Carolina 29801
Phone number (803) 642-1623

- o **Allendale County Disaster Preparedness Agency**
Allendale County Courthouse
P.O. Box 507
Allendale, South Carolina 29810
Phone number (803) 584-4081

- o **Barnwell County Disaster Preparedness Agency**
Barnwell County Detention Center
Calhoun Street
Barnwell, South Carolina 29812
Phone number (803) 259-7013

- o **South Carolina Emergency Preparedness Division**
1429 Senate Street
Columbia, South Carolina 29201
Phone number (803) 758-2826
(until July 3, 1986)
Phone number (803) 734-8020
(effective July 4, 1986)

6. Read through the steps below. They will tell you how to get ready and what to take if you are told to evacuate.

CHART OF THE ZONES AROUND PLANT VOGTLE (SC)

Zone	Evacuation Routes
G-10	Evacuation Route 5
H-10	Evacuation Route 6
Savannah River Plant	If directed north on South Carolina 125 to Highway 63, take Evacuation Route 5 OR If directed south on South Carolina 125, take Evacuation Route 6 instead

Follow These Steps To Get Ready For The Trip (SC)

1. Stay as calm as you can. If you already know where to go and what to take, that will help. You will have time to do what you need to do. Remember that nuclear power plants do NOT explode.

2. Stay tuned to one of these stations for news about the emergency.

o WBBQ-FM	104.3	Augusta	o WBBQ-AM	1340	Augusta
o WGUS-FM	102.2	Augusta	o WGUS-AM	1380	Augusta
o WNEZ-FM	99.3	Aiken	o WAKN-AM	990	Aiken
o WTCB-FM	106.7	Orangeburg	o WBAW-AM	740	Barnwell
o WWLT-FM	92.1	Bamberg	o TV Channels 6,		
			12, and 26		Augusta

3. Keep in mind that children who are in school during an emergency will be cared for. Do NOT try to meet your school children until you have signed in at your Shelter. You will be told how to meet them at that time.

4. Gather what you and your family will need. You will likely have to be away from home for a few days. Take these things along if you can.
 - This booklet
 - Glasses, dentures, prescription drugs, other important medicines, and first aid kit
 - Extra clothing and shoes for each person in your family
 - Baby supplies; include a favorite sleep toy
 - Two blankets for each person; or a sleeping bag, cot, or air mattress for each person
 - Portable radio and batteries
 - Flashlight and batteries
 - Some way to identify yourself, such as a driver's license; other important papers
 - Cash, checkbook, and credit cards
 - Magazines or books to read

5. Remember as you leave to do the following.
 - Shelter your livestock if you can do that easily. Leave them enough water and stored feed for several days. Leave your pets inside with enough water and food for several days. You may take your pets with you only if you do not plan to stay at your Shelter.
 - Turn off all appliances except your refrigerator and freezer. Turn off the lights.
 - Lock all windows and outside doors. There will be security for the evacuated area.
 - Tie a white cloth to the front doorknob of your house or to your mailbox. The white cloth will

tell emergency workers that you have left safely.

- Remind nearby friends and neighbors about the need to evacuate. Do NOT use the phone for this since the lines will be needed for official calls.
- Use your own car if you can. If you have room, check to see if any of your neighbors need a ride with you. If you know someone who is handicapped or an invalid, give them a ride if you can. You may need a ride yourself and cannot get one with a friend. If you have already sent in the Special Needs Card, an emergency worker will pick you up. If you have not sent in the Card, stay tuned to the radio or TV for information. Listen for the phone number to call to be picked up.
- Follow the route you have marked on the map in this booklet as you drive away. Traffic control officials will help guide you on the trip.
- Close car windows and vents. Keep the air conditioner and heater off.
- Listen to one of these radio stations for reports about your route and other news.

WBBQ-FM	104.3	Augusta	WBBQ-AM	1340	Augusta
WGUS-FM	102.2	Augusta	WGUS-AM	1380	Augusta
WNEZ-FM	99.3	Aiken	WAKN-AM	990	Aiken
WTCB-FM	106.7	Orangeburg	WBAW-AM	740	Barnwell
WWLT-FM	92.1	Bamberg			

6. Drive carefully to your Shelter and sign in. Ask these kinds of questions when you get to your Shelter.

- Where school children and other members of your family are, if they are not with you.
- How to get checked for radiation.
- How to get medical or other help.
- When it is safe to go back home.
- How to get housing if you need it. You do not have to stay at your Shelter after you sign in. You may instead wish to stay with friends or relatives who live more than 15 miles from Plant Vogtle. Or you may wish to stay at a motel or hotel.

Classes Of Accidents (SC)

Four classes of accidents could happen in nuclear power plants.

1. **Notification of Unusual Event.** This is the least serious kind of problem. It might lower the safety of the plant. State and county officials would be told of it. You would not have to do anything.

2. **Alert.** This means a more serious kind of problem. It might lower plant safety still more. State and county officials would be told about it. It is not likely that you would have to do anything.

3. **Site Area Emergency.** This means something serious has happened at the plant and it could lead to worse problems. Some radioactive matter could be released very close to the plant, but this does not always happen. State and county officials would be told and would prepare to help. They might have to act to protect people near the plant. You should listen to one of the radio or TV stations listed in this booklet to find out what to do.

4. **General Emergency.** This is the most severe kind of problem. There is a threat from radiation to the people near the plant. State and county officials would tell people what to do for their safety. They would use the radio and TV stations listed in this booklet to tell you what to do. They would ask you to listen as long as the emergency lasts.

Where To Get More Information Or Other Help (SC)

Be sure that you, the members of your family, and your friends understand the information in this booklet. Help each other if you can. All of you will then know what to do if there is an emergency. You can be prepared ahead of time and will not have to try to use the phone when the lines are needed for official business. Call or write to one of the offices below NOW if you have questions about this booklet.

- o **Aiken County Emergency Services**
828 Richland Avenue West
Aiken, South Carolina 29801
Phone number (803) 642-1623
- o **Allendale County Disaster Preparedness Agency**
Allendale County Courthouse
P.O. Box 507
Allendale, South Carolina 29810
Phone number (803) 584-4081
- o **Barnwell County Disaster Preparedness Agency**
Barnwell County Detention Center
Calhoun Street
Barnwell, South Carolina 29812
Phone number (803) 259-7013
- o **South Carolina Emergency Preparedness Division**
1429 Senate Street
Columbia, South Carolina 29201
Phone number (803) 758-2826
(until July 3, 1986)
Phone number (803) 734-8020
(effective July 4, 1986)
- o **Plant Vogtle Visitors Center**
P. O. Box 282
Waynesboro, Georgia 30830
Phone number (404) 1724-5197

If you get a warning from your weather radio or some other way of an emergency at Plant Vogtle, tune to one of these stations. Stay tuned as long as the emergency lasts.

Follow the directions given on these stations even if they are not the same as those in this booklet.

- | | | | | | |
|-----------|-------|------------|--------------------------------|------|----------|
| o WBBQ-FM | 104.3 | Augusta | o WBBQ-AM | 1340 | Augusta |
| o WGUS-FM | 102.2 | Augusta | o WGUS-AM | 1380 | Augusta |
| o WNEZ-FM | 99.3 | Aiken | o WAKN-AM | 990 | Aiken |
| o WTCB-FM | 106.7 | Orangeburg | o WBAW-AM | 740 | Barnwell |
| o WWLT-FM | 92.1 | Bamberg | o TV Channels 6,
12, and 26 | | |
-

What Radiation Is (SC)

Everything around you, called "matter," is made up of small particles called "atoms." Some matter is "radioactive." This means the atoms can break apart and give off energy in the form of "radiation." This energy can be used to make electricity, to treat cancer, and in other helpful ways.

You live with radiation all the time, and take some of it into your body each day. The amount is measured in "millirems." You get some of the following amounts in a year from these sources.

- o Cosmic rays--about 45 millirems
- o The earth--about 15 millirems
- o Your water, food, and air--about 25 millirems
- o The material in your house--about 30 millirems in a wooden house and about 50 millirems in a brick house
- o One chest X-ray--about 20 millirems
- o One round-trip airline flight from New York to London and back--about 4 millirems
- o A color TV set--about 1 millirem

Living next to a plant like Plant Vogtle will add about 1 millirem each year.

At times you must be careful how much radiation enters your body. If there is an accident at Plant Vogtle, some radioactive matter may escape and be carried in the air. If the amount is large, an emergency warning will be broadcast. You may then be asked to protect yourself from it. Your house or some other building can often be a good shelter until the wind scatters and carries the matter away. In some cases, though, you could be asked to leave the area.

Special Needs Card (SC)

Some people may need special help if there is an emergency at Plant Vogtle. Please fill out and mail the Special Needs Card if you, or someone you know,
o needs help to travel.
o has a physical or mental problem.

Fill out a separate card for each person who needs special help in an emergency. Please type or print as clearly as you can. If you want more of these cards, check that space below and tell how many you need and where they should be sent.

Name of person who needs help: _____

Home address (street or rural route): _____

City and State: _____

Phone number: Home _____ Work _____

Please check the reason or reasons that special help would be needed in an emergency. This person:

- has no way to travel.
- is deaf or hard of hearing.
- is blind or does not see well.
- does not read well.
- uses a wheelchair.
- must stay in bed.
- uses a kidney machine or other support machine.
- needs help for another reason. Please say why below.

Please send me:

more of these cards. Number needed: _____

more booklets. Number needed: _____

some other information. Please say what it is below.

My name is: _____

Address (street or rural route): _____

City: _____ Phone number: _____

EMERGENCY INFORMATION ABOUT PLANT VOGTLE

You are near Plant Vogtle, a nuclear power plant. An emergency at Plant Vogtle is not likely. But if there is a serious emergency, you will be warned in one or more of these ways.

- o Outdoor sirens
- o Vehicles with a siren or loudspeaker
- o Boats with a siren or loudspeaker

What To Do If You Are Warned Of An Emergency

- o Stay calm. You will have time to take the needed steps.
- o Listen to one of these radio stations. Stay tuned to find out what to do.

-- WBBQ-FM	104.3	Augusta	-- WBBQ-AM	1340	Augusta
-- WGUS-FM	102.2	Augusta	-- WGUS-AM	1380	Augusta
-- WNEZ-FM	99.3	Aiken	-- WAKN-AM	990	Aiken
-- WTCB-FM	106.7	Orangeburg	-- WBAW-AM	740	Barnwell
-- WWLT-FM	92.1	Bamberg			

- o Tell others who are nearby of the emergency.
- o Look in the last two White Pages of one of these phone books for more details on what to do in an emergency.
 - Aiken County Directory, Bell South
 - Allendale County Directory, Bell South
 - Barnwell County Directory, Bell South

Sign Warning B (for hotels, motels, etc.) (SC)

EMERGENCY INFORMATION ABOUT PLANT VOGTLE

You are near Plant Vogtle, a nuclear power plant. An emergency at Plant Vogtle is not likely. But if there is a serious emergency, you may need to be warned of it. You will be warned in one or more of these ways.

- o Outdoor sirens in your area
- o NOAA weather radio
- o Radio stations: WBBQ-FM, 104.3; WGUS-FM, 102.2;
WNEZ-FM, 99.3; WTCB-FM, 106.7; WWLT-FM, 92.1;
WBBQ-AM, 1340; WGUS-AM, 1380; WAKN-AM, 990;
WBAW-AM, 740
- o TV stations: Channels 6, 12, and 26, Augusta
- o Vehicles with sirens or loudspeakers
- o Door-to-door warnings by emergency workers

What To Do If You Are Warned Of An Emergency

- o Stay calm. You will have time to take the needed steps.
- o Listen to one of these radio stations. Stay tuned to find out what to do.

-- WBBQ-FM	104.3	Augusta	-- WBBQ-AM	1340	Augusta
-- WGUS-FM	102.2	Augusta	-- WGUS-AM	1380	Augusta
-- WNEZ-FM	99.3	Aiken	-- WAKN-AM	990	Aiken
-- WTCB-FM	106.7	Orangeburg	-- WBAW-AM	740	Barnwell
-- WWLT-FM	92.1	Bamberg	-- TV Channels 6, 12, and 26		Augusta

- o Tell others who are nearby of the emergency.
- o Look in the last two White Pages of one of these phone books for more details on what to do in an emergency.
 - Aiken County Directory, Bell South
 - Allendale County Directory, Bell South
 - Barnwell County Directory, Bell South

VOGTLE EMERGENCY COMMUNICATION PLAN
 IMPLEMENTING PROCEDURES
 DISTRIBUTION LIST

Georgia Power

<u>Name</u>	<u>Plan #</u>	<u>Name</u>	<u>Plan #</u>
Gordon Van Mol	1 & 2	Cherry Umberger	49 & 50
David Altman	3 & 4	Bill Ollinger	51 & 52
Ben Garrett	5 & 6	George Bockhold	53 & 54
Leslie Lamkin	7 & 8	Tom Beckham	55 & 56
Craig Lesser	9 & 10	Jean DiLuzio	57 & 58
John Varner	11 & 12	Patty Stevens	59 & 60
Chris Hobson	13 & 14	Bob Hughes	61 & 62
Rick Rountree	15 & 16	Tom Greene	63 & 64
Rope Roberts	17 & 18	Harvey Nix	65 & 66
Cindy Theiler	19 & 20	Jeff Prugh	67 & 68
Elmer Harris	21 & 22	Ginger Kaderabek	69 & 70
Jim Griffith	23 & 24	George Foster	71 & 72
Len Gucwa	25 & 26	John Hoerner	73 & 74
Tom Boller	27 & 28	John Cheek	75 & 76
Steve Ewald	29 & 30	Max Fundom	77 & 78
Debbie Tucker	31 & 32	Carol Boatright	79 & 80
Carol Redding	33 & 34	Janice Owens	81 & 82
Art Benson	35 & 36	Wanda Segars	83 & 84
Jerry Kivett	37 & 38	Helen Stacey	85 & 86
Gary Webb	39 & 40	Kathy Mitchell	87 & 88
Bob Cain	41 & 42	Sharon Haworth	89 & 90
Walter White	43 & 44	Dot Beagle	91 & 92
Bobby Jones	45 & 46	Martha Brantley	93 & 94
Glen Kundert	47 & 48	Jim Allen	95 & 96

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Georgia Power
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<u>Name</u>	<u>Plan #</u>	<u>Name</u>	<u>Plan #</u>
Kathy Harber	97 & 98	Jim White	137 & 138
Craig Smith	99 & 100	Lynn Miller	139 & 140
Carol Weary	101 & 102	Rick Maurer	141 & 142
Paul Bemis	103 & 104	Evelyn Bailey	143 & 144
Gary Guntor	105 & 106	Ken Beckworth	145 & 146
Sheila Davenport	107 & 108	Jim Hubbard	147 & 148
Tal Wright	109 & 110	Robert Dixon	149 & 150
Emily Carmain	111 & 112	Chuck Hunt	151 & 152
James Joiner	113 & 114	Roy Judson	153 & 154
Robert Forry	115 & 116	David Seago	155 & 156
Dick Gaither	117 & 118	Jim Lanterman	157 & 158
Rod Drake	119 & 120	William Edwards	159 & 160
Dwayne Tector	121 & 122	Daniel Roebuck	161 & 162
Ray Barrentine	123 & 124	Ralph McCrory	163 & 164
Bob Glisson	125 & 126	Ernestine McNair	165 & 166
Larry Brantley	127 & 128	Charles Gibbs	167 & 168
Rob Minter	129 & 130	Dwight Evans	195 & 196
Lissa Newman	131 & 132	Gale Klappa	197 & 198
Gwen Foster	133 & 134	M. R. McNorrill	199 & 200
Don Kiblinger	135 & 136	J. J. Mitchell	201 & 202

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<u>Name</u>	<u>Plan #</u>		
Del Hightower	203 & 204	David Priester	249 & 250
Sara Stipe	205 & 206	Gary Wilson	251 & 252
Jean Pruitt	207 & 208	Ray Harris	253 & 254
Joel Avera	209 & 210	Virginia Coleman	255 & 256
David Knope	211 & 212	Howard Reid	257 & 258
Jackie Smith	213 & 214	Clinton Chapman	259 & 260
Shirley Fields	215 & 216	Freddie Reeves	261 & 262
Donna Norris	217 & 218	James Marlowe	263 & 264
Becky Blalock	219 & 220	Wendell Smith	265 & 266
Rose Ann Billingsley	221 & 222	Melvin Wynens	267 & 268
LaVander Gates	223 & 224	Harvey Humphries	269 & 270
David Tyler	225 & 226	James Greene	271 & 272
Ron George	227 & 228	Willie Moreland	273 & 274
Barbara Kile	229 & 230	David Grover	275 & 276
Rick Kuester	231 & 232	Shannon New	277 & 278
Carl Jones	233 & 234	Pat Tippett	279 & 280
Tom Arlotto	235 & 236	Lisa Mikell	281 & 282
Willie Johnson	237 & 238	Jack Stroud	283 & 284
Connie Smith	239 & 240	Carlton Chambers	285 & 286
Doyle Lyons	241 & 242	Lynn Dunlap	287 & 288
Bob Herz	243 & 244	Christi Hardin	289 & 290
June Hagan	245 & 246	Sadie Dennard	291 & 292
Lynn Harmon	247 & 248	Barbara Washington	293 & 294

Bill Argendeli	295 & 296
Ralph Parham	297 & 298
J. E. Tam	299 & 300
Carter Haynes	301 & 302
Chris Conway	303 & 304
Barney Putnam	305 & 306
Red Thompson	307 & 308
Sonny English	309 & 310
Tom Dougherty	311 & 312
Cleve Peebles	313 & 314
Wes Whitney	315 & 316
George Davis	317 & 318
Tommy Moon	319 & 320
Chuck Rawlins	321 & 322
Mike Harreld	323 & 324
Rick Pershing	325 & 326

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Partners

<u>Name</u>	<u>Plan #</u>
Mack Secord MEAG	169 & 170
Todd Clay OPC	171 & 172

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Government Agencies

<u>Agency</u>	<u>Plan #</u>
Ken Clark NRC	173 & 174
Joe Gilliland NRC	175 & 176
Harry Heath GEMA	177 & 178
Susan Solomon GA DNR	179 & 180
Gib Johnston GA DNR	181 & 182
Lucy Justus GA EPD	183 & 184
Edith Caudel SC Public Safety	185 & 186
Jim Gaver DOE/SRP	187 & 188
Cliff Webb DOE/SRP	189 & 190
Dave Lassiter DOE/SRP	191 & 192
Jane Brinson Burke County	193 & 194