



WATERFORD 3 NUCLEAR UNIT

EMERGENCY PUBLIC INFORMATION

Plans To Help you During Emergencies

Please Read This And Keep It In A Handy Place

Put your protective action section number here after you read this brochure:

A Message to Our Neighbors and Friends

Your State and Parish governments have prepared this booklet to tell you what to do if there is an emergency at Waterford 3. That is not likely to happen, but you need to be prepared. You can also use this brochure in other kinds of emergencies, such as hurricanes, tornadoes, or spilled chemicals.

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

Keep this brochure in a handy place. If you want more copies of it, you may get them at one of these offices.

- St. Charles Parish Department of Emergency Preparedness, 15026 River Road (Highway 18), Hahnville, LA.
- St. John the Baptist Parish Emergency Preparedness, Emergency Operations Center, 1801 West Airline Highway, LaPlace, LA.

If there is an emergency, outdoor sirens will warn you. When you hear the sirens, turn on your radio or TV. They will then tell you more about it. Please stay tuned to one of these local stations as long as the emergency lasts.

- Radio- WWL 870 AM
- Radio- WLMG 101.9 FM
- Radio- WWL-FM 105.3 FM
- Radio- 1370- AM (St. Charles)

You can also get information about an emergency at Waterford 3 on New Orleans radio and TV Stations.

- TV Channels 4-WWL, 6-WDSU, 8-WVUE, 26-WGNO
- AT&T UVerse Channel 99
- St. John – Comcast or RTC Cable Channel 15

What is Radiation?

Everything around you is made up of small particles called atoms. The atoms in some matter are “radioactive” and can split to form new matter. When this happens, it gives off energy called “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 into your body every day. But sometimes you must be careful how much of this radiation enters your body. If the amount of radiation in the air is large, you must protect yourself from it. Your house or some other building can often be a good shelter if there is too much radiation in the air.

The amount of radiation you take into your body is measured in “millirems”. Here are some examples of what you receive in one year, and where it comes from.

- **The earth and space- about 80 millirems**
- **Your food – about 24 millirems**

Most persons living in the St. Charles or St. John the Baptist Parishes get about 100 millirems per year in these natural ways. You may also get radiation in other ways.

- **2 or 3 chest x-rays – about 40 millirems**
- **The material in your house – about 34 millirems**
- **A coast-to-coast airline flight – about 2 millirems**
- **A color TV set – about 1 millirem**

Living next to a place like Waterford 3 will add less than one millirem per year.

Here is how Waterford 3 works. Uranium atoms in the “reactor core” split to produce heat. This heat makes water hot enough to produce steam. This steam is then used to make electricity in the same way electricity is made in a plant that burns coal or oil.

When the atoms in the core split, radioactive matter is formed. The plant blocks its release in several ways.

1. **Metal fuel rods seal the uranium and most of the radioactive matter inside the core.**
2. **A container with a steel wall 8 ½ inches thick surrounds the core and seals it in.**
3. **A second container with a steel wall two inches thick is around the first one.**
4. **A concrete wall three feet thick seals in all of the other parts.**

If there is an accident, Waterford 3 can block the release of all or most of the radiation. But in a severe accident, some radioactive matter may be released. If it is, this matter will be carried in the air. If that happens, an emergency will be declared. You may then be asked to do certain things to protect yourself until the wind carries the radioactive matter away.

Radiation Emergencies

There are four kinds of emergencies at nuclear power plants.

1. **Unusual Event.** A minor problem has taken place. No release of radioactive matter is expected. Federal, State and Parish officials will be told of this. You will not have to do anything.
2. **Alert.** This is also a minor problem. Small amounts of radioactive matter could be released at the plant. Federal, State and Parish officials will be told of this and will be asked to stand by. It is not likely that you will have to do anything.

3. **Site Area Emergency.** This is a more serious problem. Small amounts of radioactive matter could be released into the area outside of the plant. Federal, State and Parish officials will prepare to help you if you need to take special action. If such action is needed, the sirens will be turned on. You should then listen to local radio or TV station for advice.
4. **General Emergency.** This is the most severe kind of emergency. Radioactive matter could be released outside the plant. Federal, State and Parish officials will work closely with experts at the plant. You may have to protect yourself. If action is needed, the sirens will be turned on. You should then listen to local radio or TV stations for advice.

Remember that a nuclear plant is not like a bomb. It CANNOT explode. You will have time to do what is needed if you have to protect yourself. Please read the rest of this brochure. It will tell you how to prepare for an emergency.

What to Do If You Hear the Outdoor Sirens

- **STAY CALM.** You will have time to take the needed steps
- **TURN ON YOUR RADIO OR TV.** You will be told what to do.
 - **Radio WWL 870 AM**
 - **Radio WLMG 101.9 FM**
 - **Radio WWL FM 105.3 FM**
 - **Radio 1370 AM (St. Charles)**
 - **TV Channels 4 WWL, 6 WDSU, 8 WVUE, 26 WGNO, AT&T UVerse Channel 99**
 - **St. Charles – Cox 6**
 - **St. John – Comcast or RTC Cable Channel 15**
- **DO NOT USE THE PHONE.** The lines are needed for official business
- If you are told to **PROTECT YOUR BREATHING:**
 - Cover your nose and mouth with a handkerchief or other cloth.
 - Close the windows and doors if you are in a building or car. Turn vent or A/C to “recirc” or “max” if you are in a car.
 - Turn off window and attic fans.
 - Turn heating or cooling systems to “recirc” or “vent closed” if available. If not, turn off heating or cooling systems.
- If you are told to **MONITOR AND PREPARE:**
 - Make sure family members are together.
 - Listen to radio and TV.
 - Prepare for the possibility of evacuation or sheltering-in-place.
 - Keep off the road.
- If you are told to **SHELTER IN PLACE:**
 - Go inside your house or some other building.
 - Stay inside until your radio or TV says you can leave safely.
 - Close all doors and windows.
 - Turn off window and attic fans.
 - Turn heating or cooling systems to “recirc” or “vent closed” if available. If not, turn off heating or cooling systems.
 - Keep your pets inside.
 - Listen to the radio or TV for further advice.

- If you are told to **EVACUATE**:
 - Be sure that this order applies to your section of the map inside this brochure. If it does, follow the next steps.
 - Get ready to leave your home for a few days. If you have children in school, they will be taken to the reception center for their school. Meet them there.
 - Pack only what you will need most. Take this brochure, clothes, medicine, baby supplies, portable radio (if you have one), cell phone and batteries, checkbook and credit cards.
 - Turn off the lights and your household appliances.
 - Lock your house. The section where you live will be guarded while you are away.
 - Use your own car if you can. Take neighbors who need a ride, if you have room. If you have no ride, ask one of your neighbors for a ride. If you cannot do that, go to one of the pickup points listed on the chart inside this brochure. You can get a ride there.
 - Turn on the car radio for information.
 - Go to the reception center for your section of the map. The chart inside this brochure and the radio or TV will tell you where to go.

Emergency Action Plans

If an accident occurs at Waterford 3, experts at the plant will help your State and Parish agencies decide how serious it is. You will be told what actions to take, based on the plans described here. Be sure you understand them. If you have any questions while reading this brochure, ask one of these offices for help **now**. That way you will be prepared before an emergency can come up.

- **St. Charles Parish Department of Emergency Preparedness**, 15026 River Road (Highway 18), Hahnville, La., Phone number (985)- 783-5050
- **St. John the Baptist Parish Emergency Preparedness**, Emergency Operations Center, 1801 West Airline Highway, LaPlace, La., Phone Number (985) 652-2222

When Will An Emergency Affect You?

The Nuclear Regulatory Commission (NRC) and the Environmental Protection Agency (EPA) have studied this question. They have learned that you most likely will not have to do anything. If you live as close as ten miles from Waterford 3, though, you should be prepared.

If your home or the place you work is on the map inside this brochure, an emergency may or may not affect you. 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 severe the accident is. To help you know if you will have to take some action or not, the map has these 16 sections.

- A1, A2, A3, A4
- B1, B2, B3, B4
- C1, C2, C3, C4
- D1, D2, D3, D4

In an emergency, radio and TV stations will tell which sections on the map will be affected. Read this brochure and pick out the section of the map where you live. Put that number in the blank on the front of this brochure to make it easy to find later if you need it. Then come back to this page and read on.

How Will You Be Told About The Emergency?

Outdoor sirens will be turned on if there is an emergency in your Parish. These sirens have been put in the best places in St. Charles and St. John the Baptist Parishes for you to hear them. Firemen and deputies may drive through the area to warn you, too. If you are in a marsh or swamp, you will be warned by State or Parish Officials. If you are in a boat on the River, the sirens on shore will warn you. The Coast Guard may also warn you.

The sirens will sound only during testing and during emergencies.

- **Tests-** Local governments will test outdoor sirens at noon on the first Thursday of each month. These are just tests. You do not need to do anything.
- **Emergencies-** If there is an emergency, you will hear a wavering sound that stays on for 3-5 minutes. This means that you should turn on your radio or TV. These stations will tell you which sections of the map are affected by the emergency. They will also tell you what actions to take if you are one of the affected sections

Should You Use The Phone?

If there is an emergency, the phone lines will be needed for official business. **DO NOT** use your phone unless you or someone you know is injured or too sick to do what is needed. If you must use the phone, keep your call very short. This brochure and your radio and TV will tell you what actions you might need to take. Read it through and be sure you understand it. Clear up all questions you have **now**, not later.

Do not listen to rumors. Turn on your radio or TV for up-to-date information during an emergency.

What Are The ACTIONS You Might Need To Take?

The three actions you might be asked to take are called **Protect your Breathing, Shelter In Place, or Evacuate**. They are described at right. Be sure you are clear about them. If you have neighbors who are hard of hearing or do not see well, please help them. Be sure they know what they are supposed to do in an emergency. Fill out the **Special Needs Card** in this brochure and mail it for them if they cannot do this themselves or you can fill out the online form via the mobile app or website. Use this card also if you or someone you know needs a wheelchair or needs special help for some other reason. That way you can be sure to get the special help needed.

What If You Are Told To PROTECT YOUR BREATHING?

This means you should take these steps.

- Cover your nose and mouth with a handkerchief or other cloth
- Close the windows and doors if you are in a building or a car. Turn vent or A/C to “recirc” or “max” if you are in a car.
- Turn off window and attic fans
- Turn heating or cooling systems to “recirc” or “vent closed”, if available. If not, turn off heating or cooling systems.

What If You Are Told To SHELTER IN PLACE?

This means you should protect yourself inside your house or some other building. This is a good action to take if there is a short release or small amount of radiation in the air. If your children are in school, they will be protected by school officials. Take these steps to protect yourself.

- Go inside if you are outside. When inside, stay there until your radio or TV says you can leave safely. This is most likely to be after a few hours, rather than a day or more.
- Close all doors and windows.
- Turn off window and attic fans.
- Turn heating or cooling systems to “recirc” or “vent closed” if available. If not, turn off heating or cooling systems.
- Keep your pets inside.

- Listen to one of these radio or TV stations for further instructions.
 - o **Radio WWL 870 AM**
 - o **Radio WLMG 101.9 FM**
 - o **Radio WWL FM 105.3 FM**
 - o **Radio 1370 AM (St. Charles)**
 - o **TV Channels 4 WWL, 6 WDSU, 8 WVUE, 26 WGNO, AT&T UVerse Channel 99**
 - o **St. Charles – Cox 6**
 - o **St. John – Comcast or RTC Cable Channel 15**

What If You Are Told To EVACUATE?

This means that you should move to a place more than ten miles from Waterford 3. Plans have been made to give you housing at special Reception Centers if you need it. Be sure all members of your family know where to meet in an emergency. That way you will not have to call them on the phone at that time.

The Reception Centers are listed on the chart inside this brochure. Follow the steps to locate your Reception Center and how to get there.

What If You Are Told To MONITOR AND PREPARE?

- Make sure family members are together.
- Listen to radio and TV.
- Prepare for the possibility of evacuation or sheltering-in-place.
- Keep off the road.

Where To Get More Information Or Other Help

Be sure you, the members of your family, and your friends understand the information in this brochure. All of you will then know what to do in an emergency. You can be prepared ahead of time and will not have to try to use the phone when the lines are busy. Call or write to one of the offices below **NOW** if you have questions about this brochure.

- **St. Charles Parish Department of Emergency Preparedness** 15026 River Road (Highway 18), Hahnville, La., Phone Number (985) 783-5050
- **St. John the Baptist Parish Emergency Preparedness**, Emergency Operations Center, 1801 West Airline Highway, LaPlace, La., Phone Number (985) 652-2222

Do NOT Listen to Rumors.
Turn on your Radio or TV for up-to-date information during an emergency.

What To Do If You Are Told To Evacuate

The map and the chart below will show you how to move out of your area if you are asked to evacuate. You are also told below how to get ready for the trip.

Follow These Steps For Using The Map and The Chart

1. **Locate the section in which you live.** Look on the map and the chart for your section number. This is the number you are asked to put on the front of the brochure. If you are not sure about this number, check the map again. **Circle your number on the chart.** Write it on the front of this booklet.
2. **Locate the evacuation routes for your sections.** Look across the chart to the third column. This is the one with the heading "Evacuation Routes" marked at the top of the chart. There you will find the routes to take when you drive to your reception center. **Mark the route on the map that is easiest for you to follow.** This will help you in an emergency.
3. **Locate your Reception Center.** Now look alongside the route you have chosen, in the next column (with the heading "Reception Centers for Adults and School Children"). There you will find the name of your Reception Center and its address. **Put a circle around it.** Each member of your family should know the location of your Reception Center.

When you arrive at the Reception Center, you will meet any family members who did not travel with you. After you register, you may leave and stay with friends and relatives. If you choose to stay at a hotel or motel, or with family or friends, be sure the place is more than ten miles from Waterford 3. If you need a place to stay, shelter space will be made available at the Reception Center.

4. **Locate your pickup point.** If you need a ride to a Reception Center, try to go with a neighbor, a friend, or a relative. If you cannot do that, you can be picked up from special points near you. Each pickup point in the chart has a number. To locate a pickup point the map, look for the triangle with that number on it. Choose the pickup point closest to you home. **Put a circle around it.**
5. **Locate your children's Reception Center.** If the children have to leave their schools for a safe place, they will be the first to move. Their teacher and other adults will take them to the Reception Center for the section in which they go to school. **Locate that center on the chart and circle it.** You will also be told by radio or TV where to pick up your children.

Do not go to your children's school to pick them up. That could delay their move to a safe place. School officials will take special care of your children.

Your children may live within ten miles of Waterford 3, but got to a school father away. If they do, plan to pick them up at the school yourself.

Do not try to call your children's school. The phone lines will be needed for official business.

6. **Try this example.** This will show you if you are using the chart correctly. Suppose you live in Section A4 on the map. In the first column you see the section number and the name of the Parish, St. John. In the second column you see the names of the towns in that section, Reserve and Garyville. The third column lists the evacuation routes for section A4. It tells you that you can use U.S. 61 North or go West on Route 44 (River Road). You would choose the easiest road for you to follow. Look at the fourth column. The Reception Center for section A4 would be the River Center, at 275 South River Road in Baton Rouge. The last column lists the pickup points in section A4 where you could go to get a ride.

If you have questions about your route, reception center or pick up point, write or call of these offices as **soon as you can.**

- **St. Charles Parish Department of Emergency Preparedness, 15026 River Road (Highway 18), Hahnville, La., Phone Number (985) 783-5050**
- **St. John the Baptist Parish Emergency Preparedness, Emergency Operations Center, 1801 West Airline Highway, LaPlace, La., Phone Number (985) 652-2222**

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 plants do NOT explode.**
2. **Gather what you and your family will need.** You will probably have to be away from home for a few days. Take these things along if you can.
 - This brochure
 - Extra clothing
 - Eyeglasses, dentures, prescription drugs, other important medicines, and a first aid kit
 - Some way to identify yourself
 - Baby supplies
 - Portable radio and flashlight (if you have them)
 - Checkbook and credit cards
 - Cell phone and batteries
3. **Remember as you leave to do the following.**
 - Turn off the lights and your household appliances.
 - Leave your refrigerator and freezer on.
 - Lock your house.
 - **Use only one car (or other vehicle) for your family.** If you have room, please check to see if any of your neighbors need a ride.
 - Follow the route you have marked on the map in this brochure. Keep your car windows and air vents closed. Listen to one of the following radio stations for reports about your route and other information.
 - WWL 870 AM
 - WLMG 101.9 FM
 - WWL FM 105.3
 - 1370 AM (St Charles)
 - Drive Safely; traffic will be heavy. Deputies along your route will help with the traffic.
4. **Do not worry about your property while you are away.**
 - Law officers will protect it.
 - National Guard troops will be called if they need help.
 - Roadblocks will keep people out of the area you have left.
5. **Ask about these kinds of information when you get to you Reception Center.**
 - How to register.
 - Where members of your family are, if they are not with you.
 - How to get other housing if you need it.
 - How to get medical or other special help.
 - How to get checked for radiation.
 - When it is safe to go back home.

Map of the 16 Sections around Waterford 3

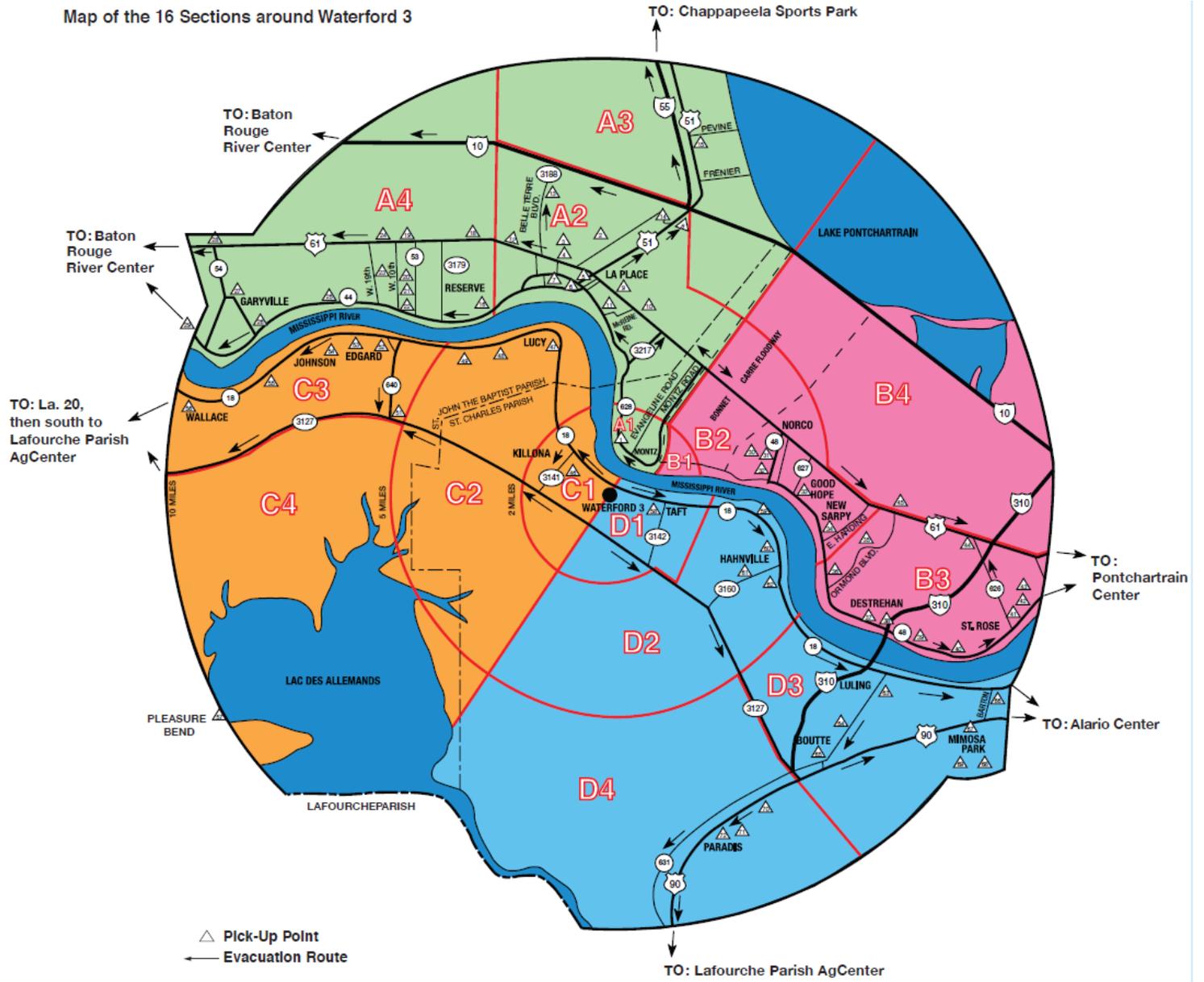


Chart for the 16 Sections around Waterford 3

| Section and Parish | Communities | Evacuation Routes | Reception Centers for Adults & School Children | Pickup Points |
|--------------------------------------|---------------------------------|--|--|--|
| A1 St. Charles | Montz | Go North on La. 628 (River Road), to U.S. 51 North, to either I-55 North or I-10 West. OR Go North on Evangeline or Montz Road, to U.S. 61 North, to U.S. 51 North, to either I-55 North or I-10 West. | Chappapeela Sports Park 19325 Hipark Blvd Hammond, La. Tangipahoa Parish OR The River Center 275 South River Rd., Baton Rouge, La. East Baton Rouge Parish | △ Parking Lot of Little Gypsy Steam Electric Generating System |
| A2 St. John St. Charles | LaPlace | If you live East of U.S. 51, take U.S. 51 North, to either I-55 North or I-10 West. If you live West of U.S. 51 and South of U.S. 61, either go West on La. 44 (River Road) or take U.S. 61 North. If you live West of U.S. 51 and north of U.S. 61, take U.S. 61 North. | Chappapeela Sports Park 19325 Hipark Blvd Hammond, La. Tangipahoa Parish OR The River Center 275 South River Rd., Baton Rouge, La. East Baton Rouge Parish | △ Ascension of Our Lord School △ LaPlace Elementary School △ St. Charles Catholic High School △ John L. Ory School (W. 5th) △ Intersection Main Street & West 5th △ St. Joan of Arc Elementary School △ Intersection US 51 and Woodland Dr. △ Airline Motors Parking Lot △ River Forest Apartment Complex △ Emily C. Watkins Elementary School △ LaPlace Park Entrance △ Intersection of LA 3188 and St. Andrews Blvd. △ Parking Lot - Woodland and Cambridge Drives |
| A3 St. John | | Take I-55 North. OR Take I-10 West. | Chappapeela Sports Park 19325 Hipark Blvd Hammond, La. Tangipahoa Parish OR The River Center 275 South River Rd., Baton Rouge, La. East Baton Rouge Parish | △ Intersection U.S. 51 and Pevine Road |
| A4 St. John | Reserve Garyville | Take U.S. 61 North. OR Go West on La. 44 (River Road). | The River Center 275 South River Rd., Baton Rouge, La. East Baton Rouge Parish | △ Our Lady of Grace Elementary School △ East St. John High School △ Lifehouse Daniel Academy △ Riverside Academy High School △ St. Peters Parochial School △ School Board Offices (Hwy 44) △ Old Reserve Rosenwald School Site △ River Parishes Technical College △ Leon Godchaux Jr. High School △ St. John Child Development Center △ Garyville Elementary School Site △ Radio Station WCKW Parking Lot △ Garyville Fire Station |
| B1 St. Charles | | | | No population in this Section |
| B2 St. Charles | Norco New Sarpy Good Hope | Take U.S. 61 South. OR Go East on La. 48 (River Road). | Pontchartrain Center 4545 Williams Blvd. Kenner, LA Jefferson Parish | △ Norco Elementary School △ Sacred Heart School △ Norco Adult Learning Center △ River Region Performing Arts Center △ Allen Arterbury Building |
| 04/20 | | | | |

| Section and Parish | Communities | Evacuation Routes | Reception Centers for Adults & School Children | Pickup Points |
|--------------------------------------|---------------------------------|---|---|---|
| B3 St. Charles | Destrehan St. Rose | Take U.S. 61 South. OR Go East on La. 48 (River Road). OR Go North on La. 626, then take U.S. 61 South. | Pontchartrain Center 4545 Williams Blvd. Kenner, LA Jefferson Parish | Ethel Schoeffner/New Sarpy Elementary Destrehan High School St. Charles Borromeo School Harry Hurst Middle School Intersection of LA 48 and Amelia St. Mt. Zion Baptist Church Intersection of LA 48 (River Road) and LA 626 St. Rose Elementary School Albert Cammon Middle School Intersection of U.S. 61 (Airline Highway) and LA 626 |
| B4 St. Charles | | Take U.S. 61 South. | Pontchartrain Center 4545 Williams Blvd. Kenner, LA, Jefferson Parish | Intersection of U.S. 61 (Airline Highway) and Ormond Blvd. (Lake side of U.S. 61) |
| C1 St. Charles | Killona | Take La. 3141 South, then take La. 3127 North, then go South on La. 20. | Lafourche Parish AgCenter 115 Texas St Raceland, La. Lafourche Parish | Killona Park |
| C2 St. John St. Charles | Lucy | Take La. 18 North (River Road), go South on La. 640, take La. 3127 North, then go South on La. 20. OR Take La. 18 North, then go South on La. 20. | Lafourche Parish AgCenter 115 Texas St Raceland, La. Lafourche Parish | CAS Bar Lucy Elementary School Site Duck's Ice |
| C3 St. John | Edgard Wallace Johnson | Take La. 18 North (River Road), then go South on La. 20. | Lafourche Parish AgCenter 115 Texas St Raceland, La. Lafourche Parish | West St. John High School St. John Parish Courthouse West St. John Elementary School Castle Drive Park Westside 66 Wallace Bridge Park |
| C4 St. John | Pleasure Bend | Take La. 3127 North, then go South on La. 20. OR Go West on La. 643 (Pleasure Bend local road), then go South on La. 20. | Lafourche Parish AgCenter 115 Texas St Raceland, La. Lafourche Parish | Boat Launch Parking Lot at Pleasure Bend |
| D1 St. Charles | Taft | Take La. 18 South (River Road). | Alario Center 2000 Segnette Blvd. Westwego, La. Jefferson Parish | Intersection of LA 3142 and LA 18 (River Road). |
| D2 St. Charles | Hahnville | Take La. 18 South (River Road). | Alario Center 2000 Segnette Blvd. Westwego, La. Jefferson Parish | River Park Apartments Parking Lot Council on Aging, Hahnville G. W. Carver Early Learning Center Eual J. Landry Alternative Center |
| D3 St. Charles | Luling Boutte Mimosa Park | If you live in Luling, take La. 18 South (River Road). OR Go South on La. 62 to U.S. 90 East. If you live in Boutte or Mimosa Park, take U.S. 90 East. | Alario Center 2000 Segnette Blvd. Westwego, La. Jefferson Parish | Luling Elementary School 1538 Paul Maillard Road Boutte Learning Center Church of Christ, Barton Ave. Mimosa Park Elementary School Lakewood Elementary School A. A. Songy Building at Lakewood |
| D4 St. Charles | Paradis | Take U.S. 90 West. OR Go South on La. 631 | Lafourche Parish AgCenter 115 Texas St Raceland, La. Lafourche Parish | Hahnville High School R. J. Vial Elementary School J. B. Martin Middle School |