

LOUISIANA / 142 DELARONDE STREET
POWER & LIGHT / P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

L. V. MAURIN
Vice President Nuclear Operations

Ocyober 22, 1982

W3P82-3273
3-A45

Mr. T. M. Novak
Assistant Director of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Waterford 3 SES
Public Information Booklet

Reference: W3P82-1604 dated June 18, 1982

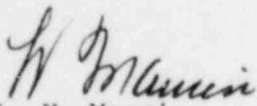
Dear Mr. Novak:

We have edited the text of the Waterford 3 public information brochure to improve its readability and to reflect comments we have received from the NRC Staff and from FEMA. The revised text is enclosed for your review and comment.

This text, along with the map and the chart which will be essentially unchanged, is being incorporated into a printer's proof which is required to be submitted to the ASLB by November 12, 1982. In view of this tight schedule, we would appreciate receiving any comments from the Staff or FEMA by November 3, 1982.

If you have comments, please contact Robert Azzarello of the Nuclear Project Support Group at 504/363-8783.

Yours very truly,


L. V. Maurin

LVM/RGA/pco

cc: S. Black, D. Perrotti, L. Constable, S. Turk. E. Blake, B. Churchill,
A. Lookabaugh, B. Cassidy, M. Stevenson, G. Groesch

DRAFT
October 21, 1982

Cover

Waterford 3 Nuclear Unit

SAFETY BOOKLET

Plans to Help You . . .
in
Emergencies

Please Read This
and
Keep It In a Handy Place

Put Your Section Number Here _____
After
You Read This Booklet

Section I

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 also can use this booklet in other kinds of emergencies, such as hurricanes, tornadoes, or spilled chemicals.

Please take the time to read this booklet 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 booklet to them. The best way to be safe in an emergency is to know what to do and to help each other.

Keep this booklet 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 _____ (address) _____
- * St. John the Baptist Parish Civil Defense, _____ (address) _____
- * Louisiana Power and Light Company District Offices, _____ (address) _____, Luling, or _____ (address) _____, Reserve

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 -- WCKW-FM 92 "River Parish Radio"

* Radio -- WKQT-AM 1010 "River Parish Radio"

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

* Radio -- WWL-AM 870 "News Radio 87"

* TV -- Channels 4, 6, 8, 12 and 26

Sincerely,

Lucas

Madere

Lester

Section II

What Radiation Is

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 get 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 plant like Waterford 3 will add less than one millirem per year. If there is an accident, nuclear plants can block the release of most radiation. But in a severe accident, some radiation may be released. Here is how you will know if you have to do something to protect yourself.

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 Emergency. This is a more severe 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 stations 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.

Please read the rest of this booklet. It will tell you how to prepare for an emergency.

Section III

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 booklet, 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, _____ (address) _____, _____ (phone number) _____.
- * St. John the Baptist Parish Civil Defense, _____ (address) _____, _____ (phone number) _____.

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 to take action.

If your home or the place you work is on the map inside this booklet, 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. Unfold the booklet AT THIS TIME and pick out the section of the map where you live. Put that number in the blank on the front of this booklet 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 the 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 the shore will warn you. The Coast Guard may also warn you.

The sirens will sound only during testing and during emergencies.

- * Local officials will test the sirens at noon on the first Thursday of each month. These are just tests. You do not need to do anything.
- * A steady sound that stays on for 3 to 5 minutes 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 in one of these sections.

- Radio - WCKW-FM 92 "River Parish Radio"
- Radio - WKQT-AM 1010 "River Parish Radio"
- Radio - WWL-AM 870 "News Radio 87"
- TV - Channels 4, 6, 8, 12 and 16

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 booklet 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.

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 below. 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 booklet and mail it for them if they cannot do this themselves. 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 off any system that brings in outside air, such as a fan, an air conditioner, or a heating system.

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 any system that brings in outside air, such as a fan, an air conditioner or a heating system.

- * Keep your pets inside.
- * Listen to one of these radio or TV stations for further instructions.
 - Radio - WCKW-FM 92 "River Parish Radio"
 - Radio - WKQT-AM 1010 "River Parish Radio"
 - Radio - WWL-AM 870 "News Radio 87"
 - TV - Channels 4, 6, 8, 12 and 26

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 booklet. Unfold it and follow the steps to locate your reception center and how to get there.

Section IV

WHAT TO DO IF YOU ARE TOLD TO EVACUATE

The map and the chart on this page show you how to move out of the 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 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 booklet. If you are not sure about this number, check the map again. Circle your number on the chart.

2. Locate the evacuation routes for your section. 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 center. Mark the route on the map that is easiest for you to follow. That 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"). 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.

You may want to go somewhere else instead of a reception center. 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. Also be sure to contact your reception center as soon as you

can to say where you are staying. That way family members and others can find out that you are safe.

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. The fifth column in the chart, headed "Schools and Pickup Points," tells where these places are. Choose the one closest to your home. Put a circle around it.

5. Locate your children's reception center. An emergency would most likely allow time for schools to finish their day's classes. The schools would then close and your children would come home as always. You could then take them to a center yourself if that is called for.

If the children have to leave their schools for a safer place, they will be the first to move. Their teachers 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 SAFER PLACE. SCHOOL OFFICIALS WILL TAKE SPECIAL CARE OF YOUR CHILDREN.

Your children may live within ten miles of Waterford 3, but go to a school further 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 go west on U.S. 61 OR 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 Centroplex, at 275 South River Road in Baton Rouge. The last column lists the schools and pickup points in section A4 where you could go to get a ride. Note that all schools are pickup points for people who need rides.

If you have questions about your route, reception center, or pickup point, write or call one of these offices AS SOON AS YOU CAN.

* St. Charles Parish Department of Emergency Preparedness _____
(address) _____
(phone number) _____

* St. John the Baptist Parish Civil Defense, _____
(address) _____
(phone number) _____

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 like atom bombs.

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 booklet
- * Extra clothing
- * Eyeglasses, prescription drugs, and other important medicines
- * Some way to identify yourself
- * Baby supplies
- * Portable radio (if you have one)
- * Checkbook and credit cards

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 booklet. Keep your car windows and air vents closed. Listen to one of the following radio stations for reports about your route and other information.

- WCKW-FM 92 "River Parish Radio"
- WKQT-AM 1010 "River Parish Radio"
- WWL-AM 870 "News Radio 87"

- * 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 to help.
 - * Roadblocks will keep people out of the area you have left.
 5. Ask about these kinds of information when you get to your 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.

IF YOU HEAR THE OUTDOOR SIRENS, TURN ON YOUR RADIO OR TV TO
FIND OUT WHAT TO DO.

- Radio - WCKW-FM 92 "River Parish Radio"
- Radio - WKQT-AM 1010 "River Parish Radio"
- Radio - WWL-AM 870 "News Radio 87"
- TV - Channels 4, 6, 8, 12 and 26

Section V

Where To Get More Information Or Other Help

Be sure you, the members of your family, and your friends understand the information in this booklet. 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 booklet.

- * St. Charles Parish Department of Emergency Preparedness _____, (address) _____, (phone number) _____
- * St. John the Baptist Parish Civil Defense, _____, (address) _____, (phone number) _____

Section VI (Highlighted in Colored Box)

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 - WCKW-FM 92 "River Parish Radio"
 - Radio - WKQT-AM 1010 "River Parish Radio"
 - Radio - WWL-AM 870 "News Radio 870"
 - TV - Channels 4, 6, 8, 12 and 26
- * 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 off heating or cooling systems if they bring in outside air.
- * 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.
 - Turn off heating or cooling systems if they bring in outside air.
 - 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 booklet. 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 booklet, clothes, medicine, baby supplies, portable radio (if you have one), 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 booklet. 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 booklet and the radio or TV will tell you where to go.

PLEASE READ THROUGH THIS BOOKLET.
IT TELLS YOU MORE ABOUT HOW TO BE
READY FOR EMERGENCIES.