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Rick J. King
President
River Bend Station

January 20, 2000

Chief, Incident Response Branch
Office for Analysis and Evaluation of Operational Data
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: River Bend Station - Unit 1
Docket No. 50-458
License No. NPF-47
Submittal of River Bend Station's Annual Emergency
Plan Information Brochures - 2000

File No.: G9.5

RBG-45230
RBF1-00-0016

Gentlemen:

In accordance with Administrative Letter 94-07, enclosed are ten (10) copies of the River Bend Station information brochures for 2000. These documents are provided for your information and use.

Should you have any questions regarding the enclosed, please contact Mr. David N. Lorring at (225) 381-4157.

Sincerely,

RJK/MBR:ch
enclosures

A 045

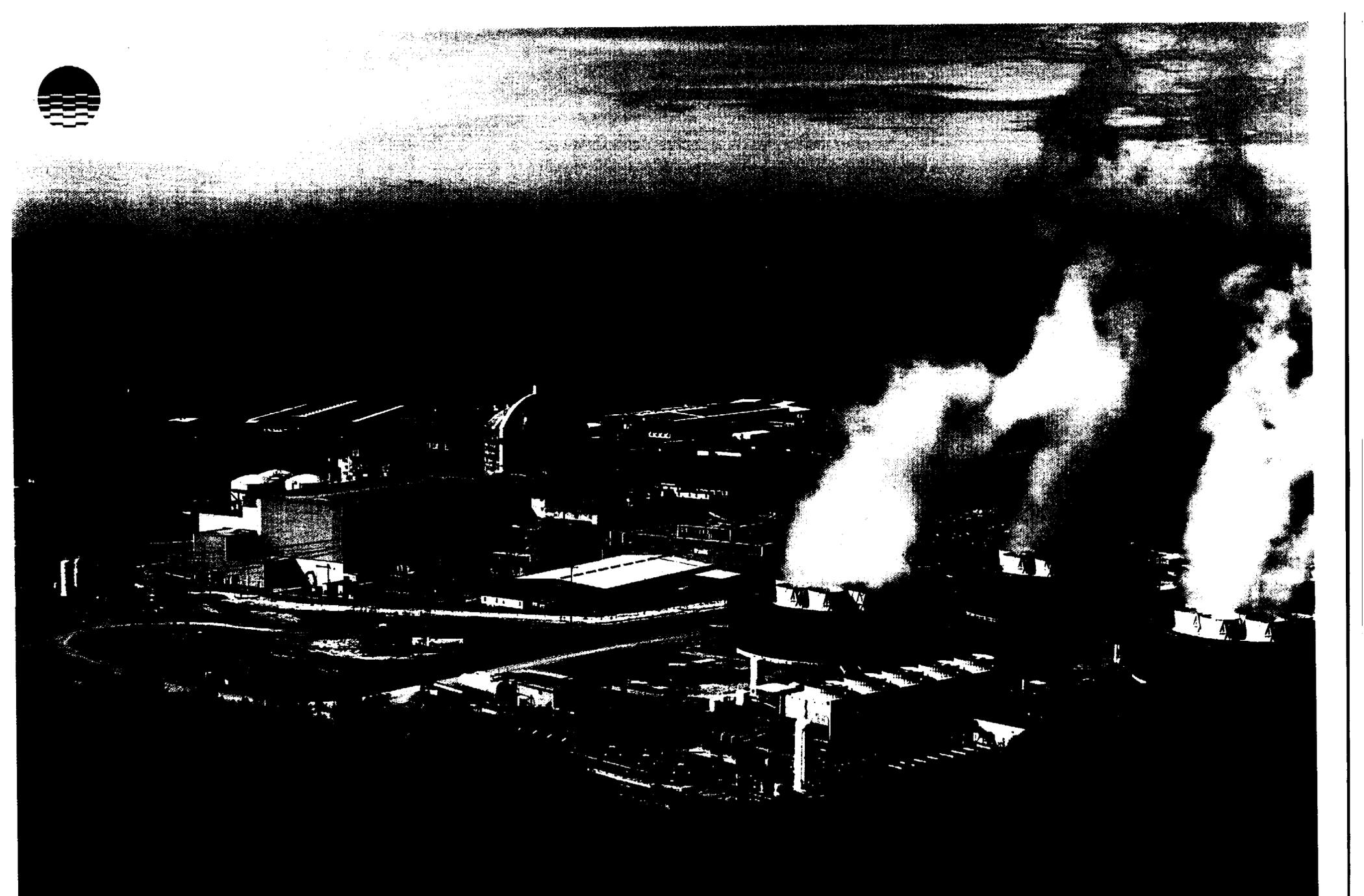
Submittal of River Bend Station's Annual Emergency
Planning Information Brochures - 2000
January 20, 2000
RBG-45230
RBF1-00-0016
Page 2 of 2

cc: U. S. Nuclear Regulatory Commission (w/o)
ATTN: Document Control Desk
Washington, D. C. 20555

U. S. Nuclear Regulatory Commission (w/o)
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

NRC Resident Inspector (w/o)
P. O. Box 1050
St. Francisville, LA 70775

Mr. Robert Fretz, NRR Project Mgr. (w/o)
U. S. Nuclear Regulatory Commission
M/S OWFN 04D03
Washington, D. C. 20555

An aerial, high-contrast black and white photograph of an industrial complex. The facility consists of numerous large, interconnected buildings and structures. Several tall smokestacks are visible, each emitting a thick, dark plume of smoke that rises into the sky. The overall scene is one of intense industrial activity. The image is grainy and has a high level of contrast, with deep blacks and bright whites.

**River Bend Emergency Planning
Information Brochure**

Dear Friends and Neighbors of River Bend Station:

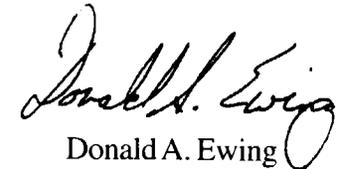
To make electricity, River Bend Station uses nuclear fuel instead of coal, oil or natural gas. All across the country, nuclear power plants have been run safely. There is very little risk to our neighbors.

Because nuclear fuel is being used, we have gone an extra mile in planning to keep you safe. We have good programs to protect you. We want you to know about these programs, so please read on. This could help you be prepared for any kind of emergency, not just for one at River Bend Station.

Sincerely,



Jesse L. Means, Jr.
Director, Emergency Preparedness
West Feliciana Parish



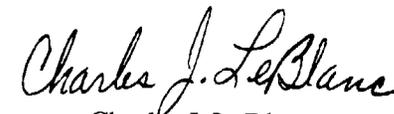
Donald A. Ewing
Director, Emergency Preparedness
Pointe Coupee Parish



JoAnne Moreau
Director, Emergency Preparedness
East Baton Rouge Parish



J. Dale Givens
Secretary
Louisiana Department of Environmental Quality



Charles J. LeBlanc
Director, Emergency Preparedness
West Baton Rouge Parish



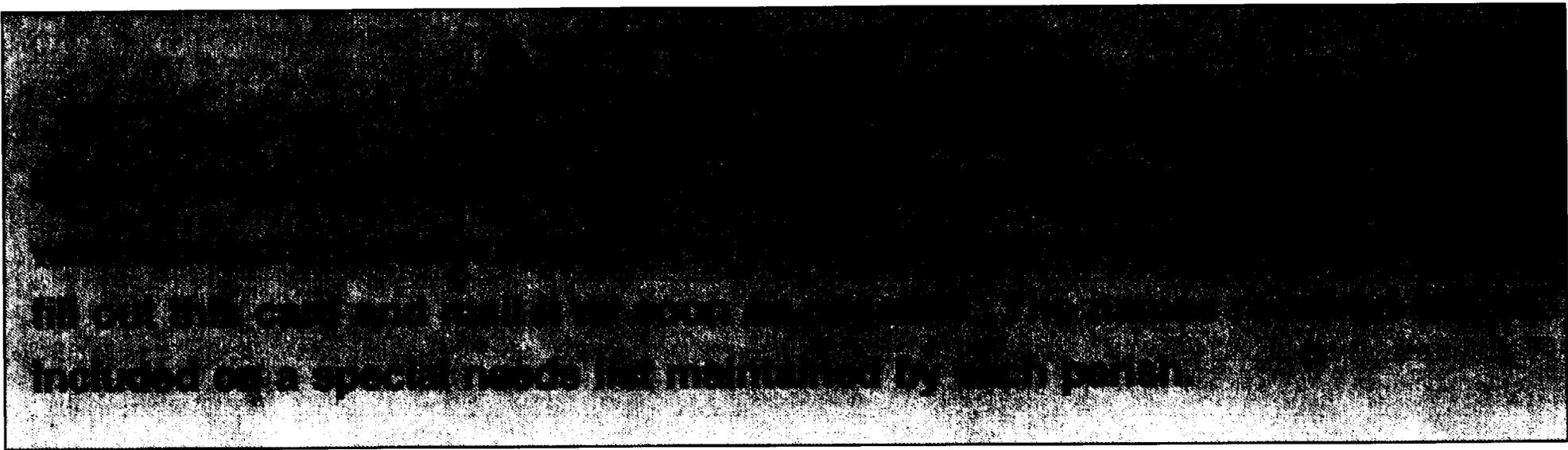
Col. Michael L. Brown
Assistant Director
Louisiana Office of Emergency Preparedness



Travis W. Prewitt
Director, Emergency Preparedness
East Feliciana Parish



Randall K. Edington
Vice President, Operations
River Bend Station



If you, or someone you know, might need special help in an emergency, please fill out this card and mail it now so we can plan ahead. Please give detailed directions to your residence to aid emergency personnel.

Name _____
(FIRST) (MIDDLE NAME) (LAST)

Address _____

City and Zip Code _____

Parish _____

Directions for emergency personnel if address is a P.O. Box:

Phone (Home) _____ (Work) _____

Birthdate (Month) _____ (Day) _____ (Year) _____

Help Needed (Check only those that apply)

I will need a ride.

Type of ride needed.

Car or Bus Ambulance Wheelchair Equipped Van

Special Medical Condition

Hearing-Impaired Confined to Bed Sight-Impaired

Wheelchair Disabled

Special Medical Treatment _____

Other _____ (EXPLAIN)

RELATIVE OR PERSON TO NOTIFY IN CASE OF EMERGENCY:

Name _____
(FIRST) (MIDDLE NAME) (LAST)

Address _____

City and Zip Code _____

Parish _____

Phone (Home) _____ (Work) _____

Relationship to me _____

Please send me more information about:

I hereby grant permission for this information to be printed in emergency information materials used by official emergency management agencies.

_____ Signature



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RIVER BEND STATION
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FIRST THINGS FIRST

There is very little risk of an accident at River Bend Station. But just in case, there are some things you should know and do now.

If a serious accident occurs at River Bend, you will hear the parishes' warning sirens. The sirens would sound for about three (3) minutes and may be repeated several times throughout the emergency. The sirens will make a wailing sound. This wailing sound changes pitch and makes high and low sounds.

IF YOU HEAR A SIREN:

- Go indoors.
- Turn your radio to WJBO-AM 1150 or WLSS-FM 102.5 which will carry all the official news. The officials in charge will tell you what to do.

You may be asked to take shelter. You may be asked to leave the area. If you are, the next pages will tell you what to do.

REMEMBER:

In an actual emergency, the sirens and Emergency Alert System (EAS) radio station broadcasts would occur at the same time. The sirens could also sound because of a lighting strike or some other malfunction. In this case, the EAS radio stations would broadcast information about the accidental sounding as soon as possible.



**River Bend
Station**

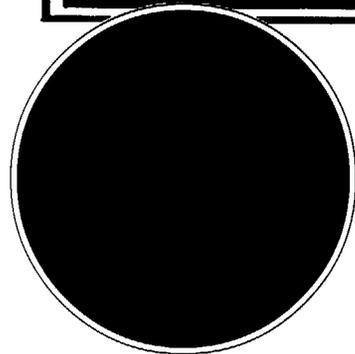


EMERGENCY PLANNING INFORMATION

The Steps Below Will Tell You What You Should Do In An Emergency.

Page 2

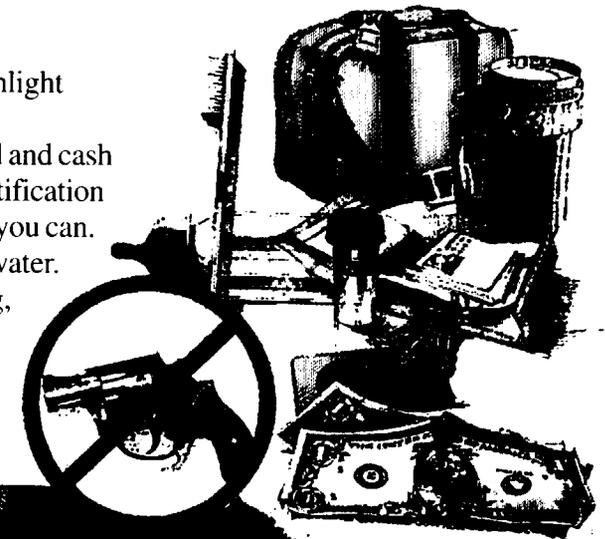
CHECKLIST IF YOU ARE ASKED TO TAKE SHELTER



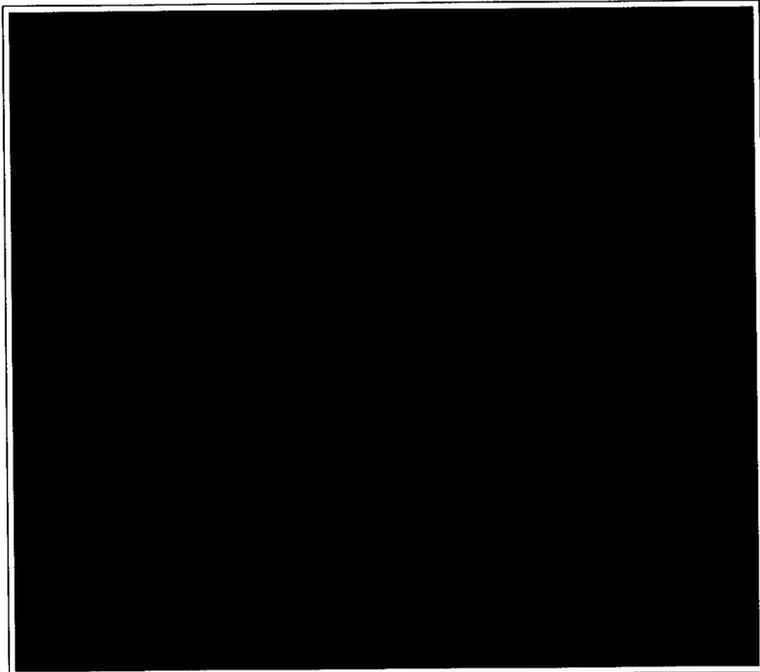
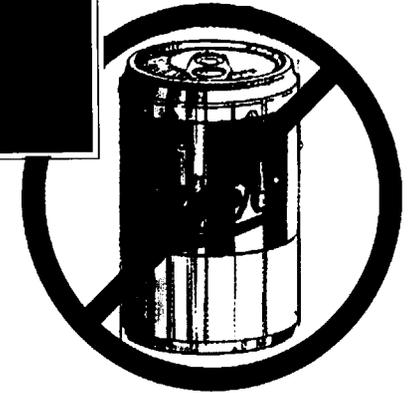
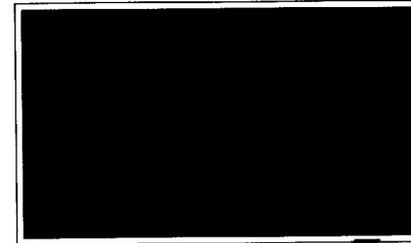
- Stay indoors, inside your own house or some nearby building.

CHECKLIST IF YOU ARE ASKED TO LEAVE THE AREA (EVACUATE)

- Stay calm. 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. Gather what you and your family will need. You may 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
 - Baby supplies
 - Portable radio and flashlight (if you have them)
 - Checkbook, credit card and cash
 - Driver's license or identification
- Move livestock inside if you can.
- Give livestock feed and water. Animals used for milking, such as cows and goats, should be taken inside first.



- Keep the radio on WJBO-AM 1150 or WLSS-FM 102.5.
- Close all the windows and doors.
- Turn off the heating or cooling system and attic fans. (Use your heating system only to protect life or health.)
- Do not use fireplaces. Put out the fire. Close the dampers.
- Keep your pets indoors.
- Stay indoors until you receive official notice that it is safe to go out, or you are asked to leave the area.
- If you must go outside, protect your breathing. Place a damp cloth or towel over you nose and mouth. Fold the cloth over several times.



Remember as you leave to:

- Turn off the lights and the household appliances.
- Leave your refrigerator and freezer on.
- Lock your house.
- Tie a white towel or rag on your door to indicate to officials that you have evacuated.
- 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 (page 6).
- Keep your car windows and air vents closed. Listen to WJBO-AM 1150 or WLSS-FM 102.5.
- Drive safely. Traffic will be heavy. Deputies along your route will help with the traffic.

Do not worry about your property while you are away.

- Law officers will protect it.
- Roadblocks will keep people out of the area you have left.

When you get to the reception center:

- Give your name, address, who is with you and where you are going.
- To be safe, you will be monitored.
- Medical or special help will be available.
- Temporary shelter will be provided if needed.

FOLLOW THESE STEPS FOR USING THE MAP AND CHARTS

ON PAGES 6, 7, 8 AND 9...

Find the *Protective Action Section* in which you live.

Look on the map (and the chart below the map) for your section number. *Circle your number on your personal chart (on page 6).*

Find the *Evacuation Routes* for your section.

Look across the chart below the map to the third column. This is the one with the heading "Evacuation Routes" at the top. There you will find the routes to take when you drive to your reception center. Mark the route on the map. Write it on your personal chart. This will help you in an emergency.

Find your *Reception Center*.

Now look 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. Write this on your personal chart. Each member of your family should know the location of your reception center. When you arrive at the reception center, you will meet family members who did not travel with you. After you register, you may leave and stay with friends or relatives. If you need a place to stay, shelter space will be available.

Find your *Children's Reception Center*.

If an emergency should occur while schools are in session, school officials will make every effort to release school early if time permits. If your children's school is required to evacuate to a safer place, they will be the first to move. Their teachers and other adults will take them to the reception center for their school.

They are probably going to the same reception center as you. Look at the chart on pages 8 and 9 (Reception Centers for Hospitals, Nursing Homes and Schools within ten miles of River Bend Station) to be sure. You will be told by radio that your children have been taken to their reception centers.

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.

You may live within ten miles of River Bend, but your children may go to a school farther 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.

There are plans for hospitals and nursing homes. Patients in hospitals and residents in nursing homes will be taken to reception centers. (See "Reception Centers for Hospitals, Nursing Homes and Schools within ten miles of River Bend Station" on page 8.)

If you have questions, write or call one of these offices as soon as you can:

East Baton Rouge Parish 389-3035
Office of Emergency Preparedness
Post Office Box 1471
Baton Rouge, Louisiana 70821

East Feliciana Parish 634-9014
or 634-7777

Office of Emergency Preparedness
1610 Charter Street
Jackson, Louisiana 70748

Pointe Coupee Parish 638-9014
Office of Emergency Preparedness
Post Office Box 248
New Roads, Louisiana 70760

West Baton Rouge Parish 343-9234
or 346-15877

Office of Emergency Preparedness
850 8th Street
Port Allen, Louisiana 70767

West Feliciana Parish 635-6428

Office of Emergency Preparedness
Post Office Box 1927
St. Francisville, Louisiana 70775

Entergy Operations, Inc. 635-6094
or 346-8651

River Bend Station
Post Office Box 220
St. Francisville, Louisiana 70775

RADIATION INFORMATION

Q. What Is Radiation?

A. It is a form of energy. It is released when an atom splits.

Q. Where Does Radiation Come From?

A. It is a very natural part of our daily world. It has been here since the world began. Most of the natural radiation we receive is from the sun. Very small amounts of radiation are also present in the food we eat. It is also in the air we breathe and the water we drink. It is even in the materials we build with. We are also exposed to radiation from man-made sources. These include medical and dental X-rays and color TV sets.

Q. How Is Radiation Measured?

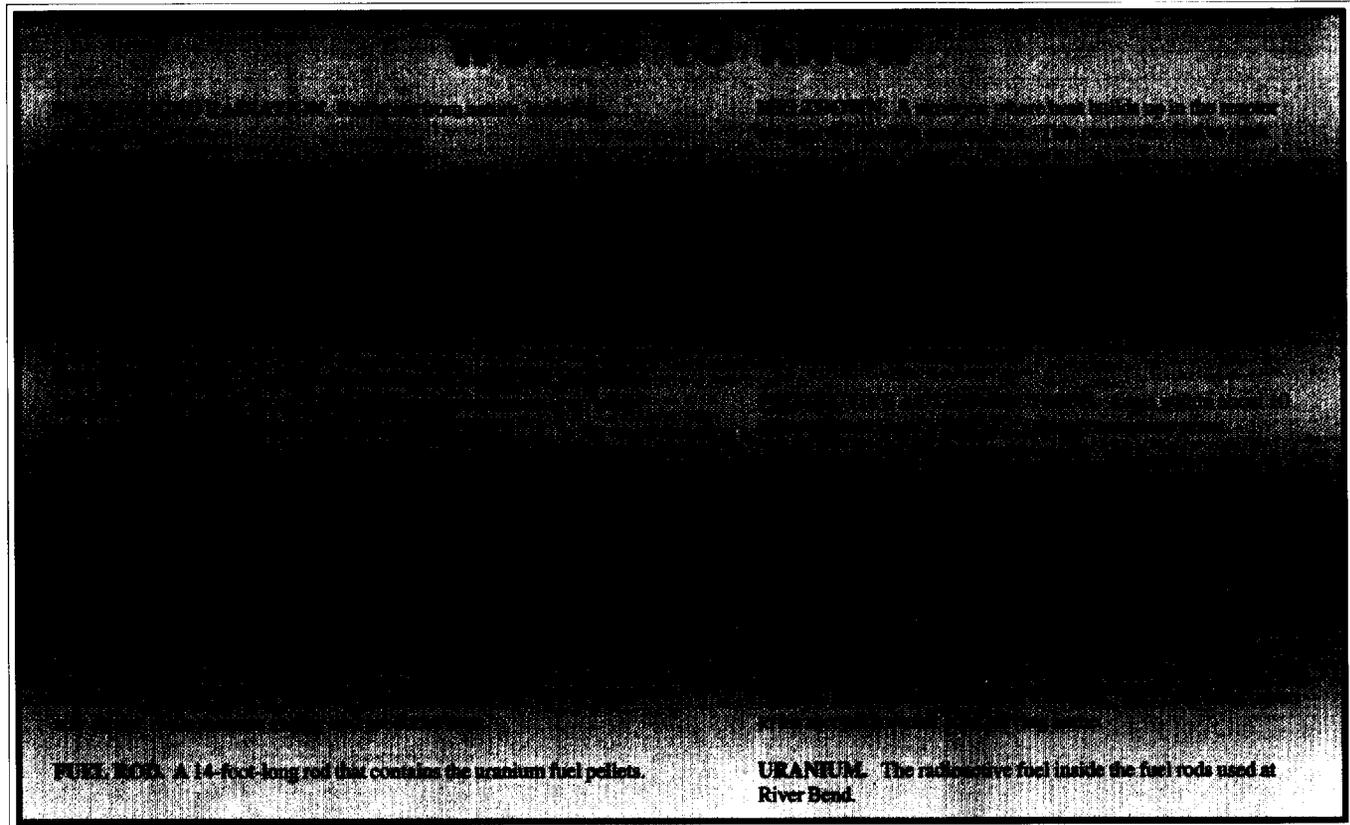
A. The amount of radiation dose that a person gets is measured in "millirems." Here are some examples. This is the average amount of radiation someone living in a Gulf Coast state would receive in one year, and where it comes from:

Source	Millirems/Year ¹
Cosmic radiation	26
The ground	23
Food and water	40
Air (radon)	200
Building materials	7
Chest X-ray	40
Cross-country airplane flight	3
Living within 50 miles of a nuclear power plant	0.009

¹Personal Radiation Dose, American Nuclear Society, 1990

Q. What Effect Does Radiation Have?

A. The effect radiation from any source has on us depends upon the nature and power of the rays and particles that strike us, upon the length of time we are exposed, upon how much of our body surface is struck by them and upon how much radioactive material we breathe or ingest into our body. Therefore, familiarity with protective actions can help keep exposure and exposure time within acceptable limits in the event of an emergency.



FUEL ROD. A 14-foot-long rod that contains the uranium fuel pellets.

URANIUM. The radioactive fuel inside the fuel rods used at River Bend.

Q. What About Radiation From Nuclear Power Plants?

A. Today, all working nuclear power plants emit some radiation. But it is important to remember that the amount is very small compared to other man-made and natural sources. Nuclear power plants have many protective layers to hold the radiation inside the plant.

Q. What Kind of Protection Does A Nuclear Power Plant Offer?

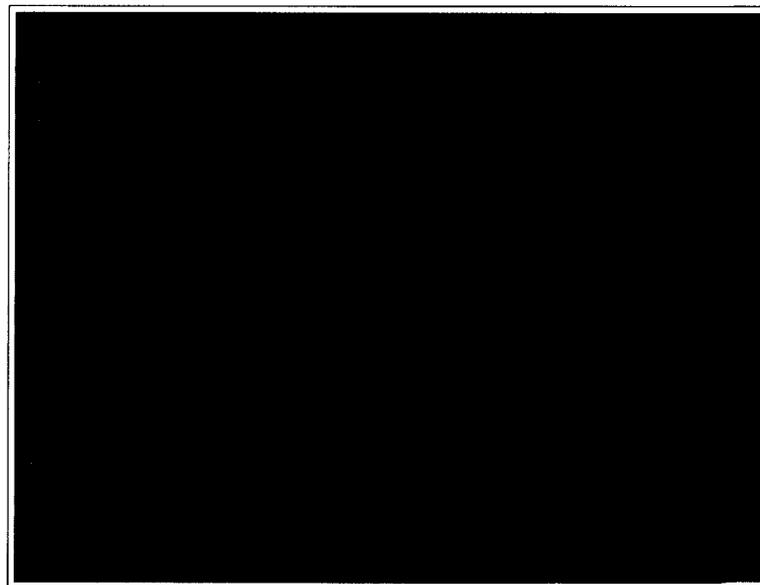
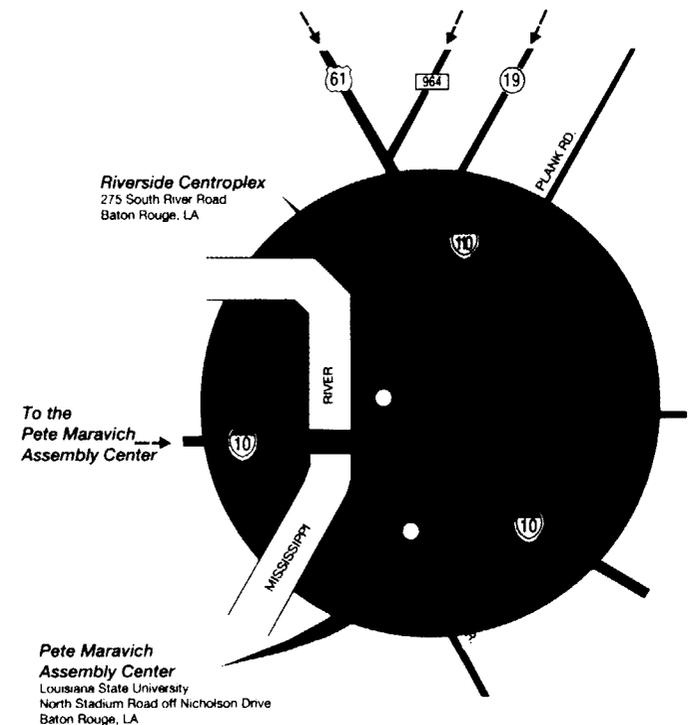
A. A nuclear power plant has a series of barriers to keep radiation inside the plant. The nuclear fuel is in ceramic pellets. The pellets are placed in metal

tubes in the reactor vessel which is 5 1/2-inch-thick steel. This vessel is inside a building made of a series of concrete and steel walls which have a combined thickness of almost 10 feet. This building, or containment, goes deep under ground.

Q. Can We Be Protected From Radiation?

A. Yes! Follow the actions recommended by local officials in an emergency. These recommendations and the guidelines given in this brochure will keep your exposure, if any at all, within safe limits.

PROTECTIVE ACTION SECTIONS AROUND RIVER BEND STATION WITH EVACUATION ROUTES TO RECEPTION CENTERS

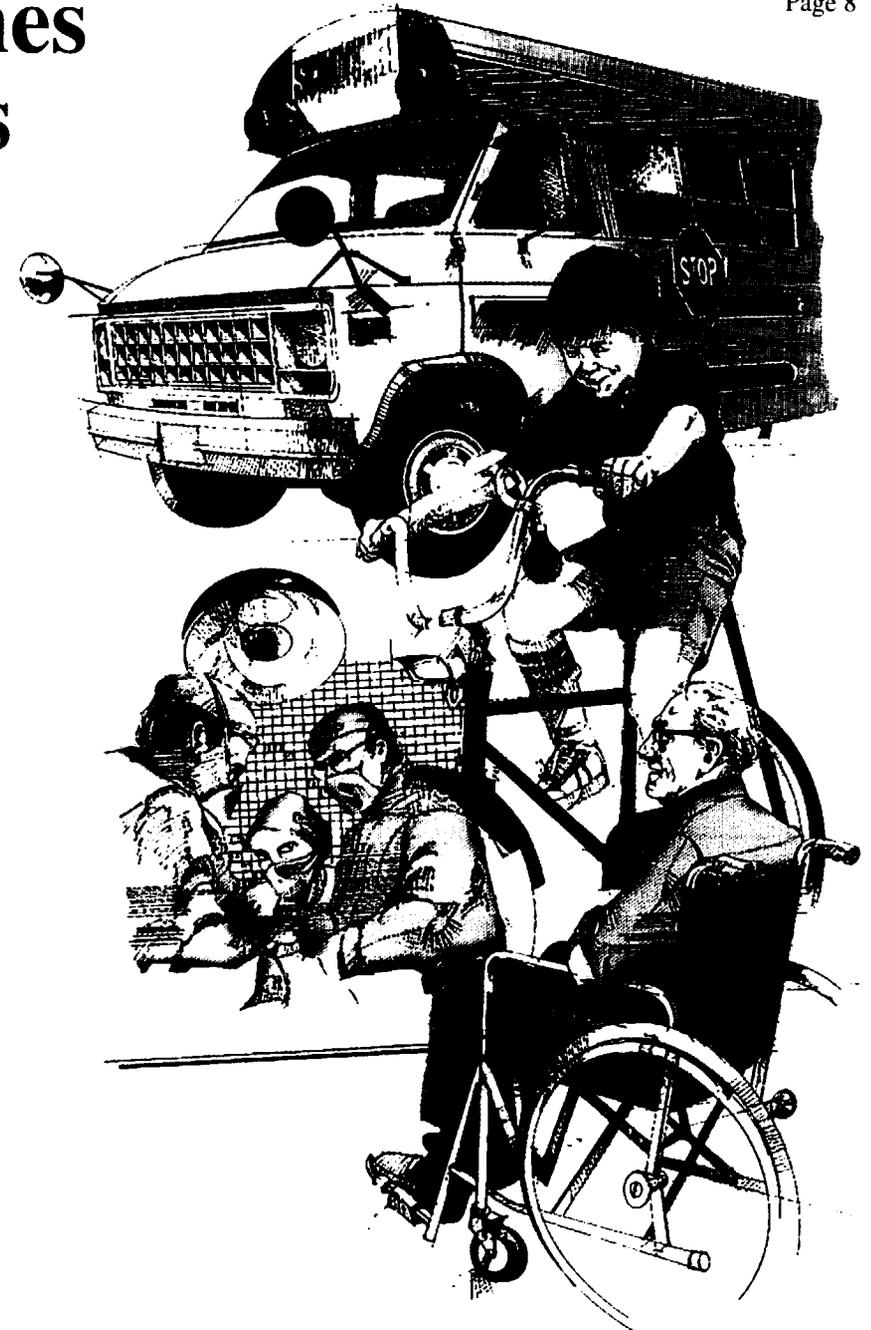


1	River Bend Station Area, Starhill and Audubon Commemorative Area	South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
2	St. Francisville, Hardwood, Elm Park, Bains Road, Mahoney Road and Airport Road	East on Highway 10, South on Highway 19 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
3	Carney and Freeland	East on Highway 10, South on Highway 19 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
4	Crown Vantage and Riddle Area	South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
5	Tunica Swamp and Cat Island	North on Cat Island Road, South on Highway 66, North on Highway 61, East on Highway 421, East on Highway 10, South on Highway 19 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
6	Solitude, Wakefield, Whitman, Beechwood and Bains	North on Highway 61, East on Highway 421, East on Highway 10, South on Highway 19 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
7	Jones Vaughn Creek Road, Freeland Road and Highway 10 between Carney and Jackson	East on Highway 10, South on Highway 19 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
EAST FELICIANA 8	Transcontinental Pipeline and sparsely populated area North of Highway 964 and West of Highway 68	South on Highway 964, South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
9	Delombre and Port Hudson State Commemorative Area	South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
10	Jackson and Centenary State Commemorative Area	East on Highway 10, South on Highway 19 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
11	Asphodel, Green Briar Road, Highway 68 South of Jackson city limits to Highway 964, Highway 955 between Green Briar Road and Highway 412	South on Highway 68, South on Highway 61, South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
12	Lindsay, Highway 68 South of Highway 964 to Highway 61, Highway 412 from Highway 955 to Thompson Road	South on Highway 964 or Highway 68, South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
13	Plains and Flanacher Road	South on Highway 964, South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
14	Port Hudson, Bonn, Mount Pleasant and Port Hickey	South on Highway 61 and then South on I-110 to Government Street Exit	Riverside Centroplex 275 South River Road Baton Rouge, LA
15	Arbroth	South on Highway 415 and then East on I-10 to Nicholson Drive Exit	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
16	Waterloo and Big Cajun No. 2	South on Highway 981, South on Highway 415 and then East on I-10 to Nicholson Drive Exit	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
17	Rougou, Chenal, Glynn, Hermitage, Island, Wickliffe, Anchor and Big Cajun No. 1	West on Highway 414, South on Highway 413, East on Highway 190, South on I-110 and then East on I-10 to Nicholson Drive Exit	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	New Roads, Ventress, Patins, Leavel, Ploup, Brooks, Schexnayder and Beaud	South on Highway 1, East on Highway 190, South on Highway 415 and then East on I-10 to Nicholson Drive Exit	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA

RECEPTION CENTERS

For Hospitals, Nursing Homes and Schools within ten miles of River Bend Station

13	Schools	
	Port Hudson Head Start Center	Riverside Centroplex 275 South River Road Baton Rouge, LA
EAST FELICIANA	Schools	
10	Jackson School Complex	Riverside Centroplex 275 South River Road Baton Rouge, LA
10	Quad Area Jackson Head Start	Riverside Centroplex 275 South River Road Baton Rouge, LA
18	Hospitals	
	Pointe Coupee General Hospital	Baton Rouge General Medical Center 3600 Florida Boulevard Baton Rouge, LA
18	Nursing Homes	
	Lakeview Manor Nursing Home	Baton Rouge General Medical Center 3600 Florida Boulevard Baton Rouge, LA
	Pointe Coupee Parish Nursing Home	Baton Rouge General Medical Center 3600 Florida Boulevard Baton Rouge, LA



Emergency Planning Background Information

FOR PLANNING PURPOSES, THERE ARE FOUR CLASSES OF EMERGENCIES AT NUCLEAR POWER PLANTS. Local officials may use these terms.

Notification of Unusual Event

A minor problem has taken place. No release of radioactive matter is expected. Federal, state and parish officials will be informed. You will not have to do anything.

Alert

This is also a minor problem. No release of radioactive matter is expected. All the officials will be informed and will be asked to stand by. It is not likely that you will have to do anything.

Site Area Emergency

This is a more serious problem. Small amounts of radioactive matter could be released into the area right around the plant.

General Emergency

This is the most serious kind of problem. Radioactive matter could be released outside the plant site. You may have to protect yourself. If action is needed, the sirens will be sounded. Turn on your radio for more information. The officials will tell you what you need to do.

	Schools	
18	Catholic Elementary School Catholic High School	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	False River Academy	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	New Roads Church School	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	Rosenwald Elementary	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	Early Childhood Center	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
17	Rougon Elementary School	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	Step by Step Day Care and Nursery	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	Wonderland Day Care and Learning Center	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
18	Little Lambs Day Care Center	Pete Maravich Assembly Center, Louisiana State University North Stadium Road off Nicholson Drive, Baton Rouge, LA
	Hospital	
2	West Feliciana Parish Hospital	Baton Rouge General Medical Center 3600 Florida Boulevard, Baton Rouge, LA
	Nursing Homes	
3	St. Francisville Country Manor	Baton Rouge General Medical Center 3600 Florida Boulevard, Baton Rouge, LA
	Schools	
2	Bains Lower Elementary School	Riverside Centroplex 275 South River Road, Baton Rouge, LA
2	Bains Elementary School	Riverside Centroplex 275 South River Road, Baton Rouge, LA
2	West Feliciana High School	Riverside Centroplex 275 South River Road, Baton Rouge, LA
2	First Steps Christian Learning Center	Riverside Centroplex 275 South River Road, Baton Rouge, LA
2	House of Little Ones Child Care and Learning Center	Riverside Centroplex 275 South River Road, Baton Rouge, LA



Entergy Operations, Inc.
River Bend Station
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**Important
Information
Included**

Please Read

RESIDENT