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September 25, 2003

U. S. Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555

Subject: River Bend Station – Unit 1 Docket No. 50-458 License No. NFP-47 Submittal of Revisions to Emergency Implementing Procedures

File No.: G9.5, G9.20.6

RBG-46175 RBF1-03-0177

Ladies and Gentlemen:

Pursuant to 10CFR50 Appendix E, Section V, enclosed are Emergency Implementing Procedures EIP-2-026, Revision 15, "Evacuation, Personnel Accountability, and Search and Rescue" and EIP-2-012, Revision 17, "Radiation Exposure Controls." In accordance with 10 CFR 50.54(q), changes to these procedures do not decrease the effectiveness of the Emergency Plan.

If you have any questions or require further information, please contact Barry Allen at (225)-378-3310.

Sincerely,

J. W. Leavines Manager, Licensing

JWL/dnl enclosure

Submittal of Revision to the RBS Emergency Implementing Procedure September 25, 2003 RBG-46175 RBF1-03-0177 Page 2 of 2

• :

 cc: U. S. Nuclear Regulatory Commission (2) Attention: Senior Emergency Planning Inspector Region IV
 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011

> NRC Senior Resident Inspector P. O. Box 1050 St. Francisville, LA 70775

# **REFERENCE USE**

\*G12.23.2



# RIVER BEND STATION STATION SUPPORT MANUAL \*EMERGENCY IMPLEMENTING PROCEDURE

# **\****RADIATION EXPOSURE CONTROLS*

**PROCEDURE NUMBER:** 

**REVISION NUMBER:** 

**Effective Date:** 

\*EIP-2-012

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#### 1 PURPOSE

This procedure provides instructions for establishing special radiation exposure controls during an emergency.

#### 2 <u>REFERENCES</u>

- 2.1 Title 10, Code of Federal Regulations, Part 20, (10 CFR 20) "Standards for Protection Against Radiation"
- 2.2 RBNP-024, River Bend Station Radiation Protection Plan
- 2.3 Company Procedure RP-205, Prenatal Monitoring
- 2.4 NCRP Report No. 55, Protection of the Thyroid Gland in the Event of Releases of Radioiodine
- 2.5 Company Procedure RP-202, Personnel Monitoring

# 3 **DEFINITIONS**

- 3.1 Committed Dose Equivalent (CDE) The dose equivalent to organs or tissues of reference that will be received from an intake of radioactive material during the 50 year period following the intake.
- 3.2 Total Effective Dose Equivalent (TEDE) The sum of the Deep Dose Equivalent (DDE) (from external exposure) and the Committed Effective Dose Equivalent (CEDE) (from internal exposure).

#### 4 **<u>RESPONSIBILITIES</u>**

4.1 Emergency Director (ED)- The ED is responsible for authorizing individuals to receive exposures in excess of 10 CFR 20 limits and approving the issuance of potassium iodide (KI).

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- 4.2 Radiation Protection Coordinator (RPC) The RPC is responsible for advising the ED, tracking the dose history for those individuals authorized to receive exposures in excess of 10 CFR 20 limits, and notifying the Nuclear Regulatory Commission of any overexposures.
- 4.3 Senior Radiation Protection Technician (SRPT) The SRPT is responsible for performing the duties of the RPC per this procedure until his arrival at the Technical Support Center.

#### 5 <u>GENERAL</u>

- 5.1 During a classified emergency, the administrative exposure controls of the River Bend Station Radiation Protection Plan RBNP-024 and RP-202, Personnel Monitoring, are suspended; however, efforts shall be made to maintain personnel exposures within the limits established by 10 CFR 20.
- 5.2 Due to rapidly changing conditions during an emergency, administrative approvals for exceeding established exposure limits are suspended. Only the ED shall have the authority for authorizing exposures in excess of 10 CFR 20 limits (included as Attachment 1 for reference).
- 5.3 During the emergency phase of an accident, the Radiation Work Permit (RWP) provisions of the River Bend Radiation Protection Plan are suspended, but shall be re-implemented at the termination of an emergency when the recovery phase is initiated.
- 5.4 Potassium Iodide (KI) (thyroid blocking agent) is available in the Control Room, Technical Support Center, Decontamination Room (Second Floor of the Services Building), Emergency Operations Facility (EOF) and the Offsite Monitoring Team Emergency Kits.
- 5.5 A declared pregnant female shall not be assigned any functions during a declared emergency which may cause her to exceed the dose limits of 10CFR20.1208 (See Attachment 1); however, a female who declares herself pregnant after an emergency is declared will be expected to continue to fulfill her assignment until a qualified relief can be found. In this case every effort will be made to limit the female's TEDE to the limits specified in Attachment 1, consistent with the needs of the Emergency Response Organization.

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5.6 Responsibility for authorizing federal, state, and local emergency workers (Ex. EMS, fire, law enforcement, National Guard, etc.) responding to RBS to incur exposures in excess of the EPA Protective Action Guides for the general population rests with the unit of government for whom the emergency worker is employed. This also applies to the issuance of potassium iodide (KI). LDEQ is the State of Louisiana's lead agency on radiological matters to include technical assessment and emergency worker's protection during events at nuclear power plants.

#### 6 **PROCEDURE**

#### **NOTE**

The actions of this procedure may be completed in any sequence, however, the sequence presented is recommended.

#### **NOTE**

During a declared emergency, the exposure limits for federal, state, and local emergency workers responding to RBS are the EPA Protective Action Guides. The responsibility for authorizing extensions above these limits or issuing KI to these emergency workers resides with the respective federal, state, or local governmental agency for which the emergency worker is employed.

- 6.1 The ED should:
  - 6.1.1. Use 10CFR20 exposure limits contained in Attachment 1. These limits apply to all members of the Emergency Response Organization, whether or not every person has completed Radiation Worker Training.
  - 6.1.2. When assigning members of the emergency organization to perform tasks which may result in exposures in excess of the 10 CFR 20 limits (see Attachment 1, Section A):

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- 1. Consult with the RPC to determine the person's current exposure history to verify the amount of exposure the
- individual may receive without exceeding the 10 CFR 20 limit.
- 2. Authorize each individual a maximum exposure limit, not to exceed the limits in Attachment 1, Section B.

#### <u>NOTE</u>

The Emergency Director shall initiate a log for the documentation of emergency information. The Operations Shift Manager shall use the Control Room log.

- 3. Document the authorization of each individual in the ED's log.
- 4. In accordance with the Entergy Operations Inc. policy concerning exposures to females who may be pregnant, no female who suspects she is pregnant should be assigned any responsibilities during an emergency which could result in exposures in excess of the 10 CFR 20 limits.
- 6.1.3. Ensure that any individual believed to have received greater than 25 rem (250 mSv) TEDE is promptly relieved from the Emergency Response Organization.

#### **NOTE**

SCBA's and other masks <u>do not</u> preclude the consideration of the dissemination of KI.

- 6.1.4. Authorize the use of KI, as necessary.
- 6.2 The RPC should:
  - 6.2.1. Ensure that current exposure margins are readily available for the emergency organization.
  - 6.2.2. When time permits, consult with the ED on the methods available to prevent excessive exposures during the emergency.

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#### **NOTE**

SCBA's and other masks <u>do not</u> preclude the consideration of the dissemination of KI.

- 6.2.3. Consult with the ED regarding the use of KI by emergency response personnel involved in actions to save a life of another individual, mitigate accident consequences, or prevent major releases of radioactivity to the environment I.A.W. Section 6.4
- 6.2.4. Inform emergency workers who are authorized emergency exposure in excess of 10 CFR 20 limits regarding the relative risks involved with excessive radiation exposure.
- 6.2.5. Determine the need to process emergency worker TLDs.
- 6.2.6. Initiate efforts to obtain a medical evaluation of any individual who receives greater than 25 rem (250 mSv) TEDE, during emergency operations by a physician who is familiar with acute effects of radiation exposure. These individuals shall not be subjected to any further radiation exposure until approved by the Radiation Protection Manager and the General Manager of Plant Operations.

#### **NOTE**

The following notification will be made in accordance with the reporting requirements of 10 CFR 20.2202 and 20.2203.

6.2.7. As soon as practical during an emergency, make oral reports of radiation overexposures to the Nuclear Regulatory Commission followed by a written report. Written reports should be provided within 30 days as provided by 10 CFR 20.2203 except when the emergency continues for more than 30 days, then the written report shall be provided within 24 hours after termination of the emergency.

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- 6.2.8. Ensure that TEDE dose received during an emergency is recorded on each individual's dose history file. All occupational doses, including emergency doses, are required to be included as part of an individual's accumulated dose history and can affect the individual's allowable exposure during the current and subsequent years.
- 6.2.9. Ensure that declared pregnant females do not exceed the dose limits specified in Attachment 1, and that radiation doses to females, who declare themselves pregnant after the declaration of an emergency, are limited to the extent practical to the limits specified in Attachment 1, consistent with the needs of the Emergency Response Organization.
- 6.3 The SRPT should:
  - 6.3.1. Assume duties of the RPC per this procedure until position is filled.
  - 6.3.2. Assist in evaluating radiation exposure levels likely to be encountered during emergency operations.

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#### **NOTE**

Completion of Attachment 3 is <u>not</u> required unless a worker's thyroid CDE is expected to be  $\geq 25$  Rem. Attachment 2 may be used as a reference without completion of Attachment 3.

- 6.4 Administration of Iodine Blocking Agents.
  - 6.4.1. Assessing the Need to Issue KI
    - 1. If there is a potential need to issue KI, potential recipients of KI may fill out their portion of Attachment 3 in advance.
    - 2. If a worker's thyroid CDE is expected to approach 25 Rem, obtain a copy of Attachment 2, Thyroid Committed Dose Equivalent Graph, and estimate the dose commitment for the thryoid.
    - 3. Verify your calculations/measurements/estimates and record the results on Attachment 3, Potassium Iodide Administration Form.
    - 4. Report the results to the ED and advise him as to the need to issue KI in accordance with this procedure.
    - 5. The Emergency Director may approve the issuance of KI via telecon/radio.
  - 6.4.2. KI Issuance Requirements
    - 1. When thyroid CDE is estimated to be 25 rem or greater the following are required:
      - The ED shall designate the individuals who will receive KI.
      - The individual to receive KI shall voluntarily elect to take KI.
      - The individual to receive KI shall read Potassium Iodide precaution information provided by the drug company. The individual shall then complete the appropriate sections of Attachment 3 - Potassium Iodide Administration Form.

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#### 6.4.3. Distribution of KI

#### <u>NOTE</u>

KI is stored in the following locations: Control Room, Technical Support Center, Decontamination Room (second floor of the Services Building), Emergency Operations Facility and Offsite Monitoring Team Emergency Kits.

- 1. Assemble the individuals who were designated to receive KI and the individuals to administer the KI.
- 2. Provide the individuals designated to receive KI with copies of:
  - 1) Potassium Iodide precaution information provided by the drug company.
  - 2) Attachment 3 Pottassium Iodide (KI) Administration Form
- 3. Ensure personnel read and/or complete the appropriate sections of the above.

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6.4.4. Guidelines for the Administration of KI

#### <u>NOTE</u>

The Emergency Director can authorize the administration of KI in the field after the Field Monitoring Team members have complied with the guidelines of this procedure. Completion of the KI documentation may be accomplished at the convenience of the Emergency Director.

- 1. If possible, KI should be administered approximately onehalf hour before exposure for maximum blockage.
- 2. Final uptake is halved if KI is administered within 3-4 hours after exposure.
- 3. Little benefit is gained with KI administration 10-12 hours after exposure.
- 4. Once the KI is taken and the Iodine concentration is verified or the calculated dose determined, the tablets should be issued for a minimum of six (6) to a maximum of ten (10) consecutive days. One tablet is issued each day.
- 5. Verify that each individual receiving KI has completed and signed Attachment 3.
- 6. Verify that there are no "YES" blocks marked for allergies or iodine sensitivity on Attachment 3, Potassium Iodide Administration Form.
- 7. Individuals who have answered "YES" for allergies or iodine sensitivity to those questions on Attachment 3, will initially be considered to be iodine sensitive and must be treated as follows:
  - 1) The individuals will be relocated or replaced to eliminate or minimize the uptake of radioiodine in the thyroid gland, or
  - 2) The individuals <u>WILL NOT</u> receive KI without the Radiation Protection Coordinator's authorization (after evaluation of the "YES" answer and the Emergency Director's concurrence).

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- 8. Issue each individual designated to receive KI one (1) 130 mg KI tablet.
- 9. Forward all completed paperwork to the Radiation Protection Coordinator.

#### 6.4.5. Final Conditions

- 1. Ensure that each individual whose estimated exposure to radioiodine exceeded 25 rem has been identified and administered KI, as appropriate.
- 2. Ensure all necessary forms are completed and reviewed by the Radiation Protection Coordinator and the Emergency Director.
- 3. Ensure that each individual who was exposed to radioiodine with a calculated thyroid CDE ≥25 Rem has been scheduled for bioassay analysis.

#### 7 **DOCUMENTATION**

7.1 Attachment 3 of this procedure, completed during <u>actual</u> events shall be submitted to permanent plant files (PPF) per EPP-2-100. Attachments from exercises/drills will be used to critique and evaluate exercises/drills performance. This documentation will <u>not</u> be sent to PPF and may be discarded.

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# ATTACHMENT 1 PAGE 1 OF 1

#### **RADIATION EXPOSURE LIMITS AND GUIDELINES**

#### A. 10CFR20 RADIATION EXPOSURE LIMITS

5 rem/yr. (50 mSv/yr.) Total Effective Dose Equivalent (TEDE) to the whole body.

50 rem/yr. (500 mSv/yr.) sum of the Deep Dose Equivalent (DDE) and the Committed Dose Equivalent (CDE) to an individual organ or tissue other than the lens of the eye.

15 rem/yr. (150 mSv/yr.) Eye Dose Equivalent (LDE) to the eye.

50 rem/yr. (500 mSv/yr.) Shallow Dose Equivalent (SDE) to the skin or an extremity.

50 mrem (0.5 mSv) in a one month period for a declared pregnant female, not to exceed 500 mrem (5 mSv) for the entire pregnancy period (10CFR20.1208).

#### B. GUIDELINES FOR EMERGENCY EXPOSURES

- 1. Emergency Total Effective Dose Equivalent (TEDE) limits are:
  - a. 5 rem (50 mSv) for preplanned emergency actions.
  - b. 5 rem (50 mSv), in addition to any other dose received, for Post Accident Sampling.
  - c. 10 rem (100 mSv) for immediate actions taken to prevent major damage to equipment, prevent the release of radioactive materials, or control fires.
  - d. 25 rem (250 mSv) without consent and 75 rem (750 mSv) on a voluntary basis for action to save a life or to protect large populations.
- 2. Committed Dose Equivalent to the Thyroid

#### NOTE

Although RBS Emergency Plan Table 13.3-10 establishes thyroid exposure guidelines, the difficulty in monitoring thyroid exposure over a short period of time prevents use of these numbers as absolute limits. Therefore, when radioiodine airborne concentrations are known, projected thyroid doses will be calculated to prevent exceeding these guidelines.

- a. To save the life of another individual there is no specified limit. Although respirators should be used where effective to control the dose to emergency workers, thyroid dose should not be a limiting factor for lifesaving missions.
- b. To mitigate accident consequences and prevent major releases of radioactivity to the environment or control fires- 100 rem (1 Sv) Committed Dose Equivalent (CDE).
- c. Emergency duties including decontamination and first aid, but not related to protecting equipment, the public or for lifesaving 50 rem (500 mSv) CDE.
- 3. Shallow Dose Equivalent to the Extremities
  - a. To save the life of another individual, extremity exposure should not be a factor.
  - b. To mitigate accident consequences and prevent major release of radioactivity to the environment 100 rem (1 Sv) Shallow Dose Equivalent (SDE).
  - c. When preplanned emergency actions are possible -50 rem (500 mSv) SDE.

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# ATTACHMENT 2 PAGE 1 OF 2

#### THYROID COMMITTED DOSE EQUIVALENT GRAPH

#### Instructions for Use:

- 1. Determine the estimated or actual I-131 airborne concentration in the area(s) of interest. Divide this by the protection factor of the equipment used (if unknown, use 1). Locate this number on the Horizontal Axis.
- 2. Locate the duration of exposure in minutes on the Vertical Axis. Find the point at which this value intersects with the number from step 1.
- 3. If this point of intersection is located to the left (below) the line, the thyroid CDE is less than 25 rem.
- 4. If this point of intersection is located to the right (above) the line, the thyroid CDE is greater than 25 rem.
- 5. If this point of intersection is located <u>on</u> the line, the thyroid CDE is 25 rem.

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# THYROID COMMITTED DOSE EQUIVALENT GRAPH

ATTACHMENT 2 PAGE 2 OF 2

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ATTACHMENT 3 PAGE 1 OF 1

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POTASSIUM IODIDE (KI) ADMINISTRATION FORM

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Nam	e:		/	/		
		Last	First	Middle		SSN
Yes	No	Have you any known allergies? If so, please describe major severity of allergy and medications taken if any.				
Yes	No	When eatir upset or sk	g seafood or shellfi in eruption? If so, ex	sh, do you suffer fr xplain.	om symptom	s of stomach or bowel
Yes	No	Has any ph	ysician told you tha	t you have a sensiv	ity to iodine?	
Yes	No	If you have isotope sca	ever had a gallblad n, did you have any	der dye test, kidney reactions?	/ x-ray requir	ing dye injection, thyroid
Pleas	se expla	in any Yes an	swers:			
<ul> <li>Known Iodide Allergy/Previous Allergic Reaction: (Mark One)  Yes  No</li> <li>I verify that I have read and understand the precaution leaflet. I understand that taking thyroid blocking agent (KI) is strictly voluntary.</li> <li>I (Mark One) Do  O  Not  choose to take KI when approved.</li> </ul>						
	Signature of Individual Date					
Duration of Exposure: (minutes) I-131 Concentration: (µCi/cc in air)						
Estin	nated Tl	hyroid Dose C	Commitment: (Mark	c one) $\Box <$	25 Rem	$\Box \geq 25 \text{ Rem}$
Resp	Respiratory Protection Worn During Exposure: (Mark One)					
Respiratory Protection Factor: Date of Exposure:						
				CAUTION		
	If the	e above aller	gic reaction statem	ent * is marked '	Yes', then do	<u>not</u> administer KI.
Approved: Mark if telecon/radio approval						
Emergency Director Date/Time						
Indiv	vidual no	otified KI is a	pproved for use: (Da	ate/Time)	/	
KI ta	KI taken (Date/Time)/					
Notes:						
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**REFERENCE USE** 

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# **RIVER BEND STATION** STATION SUPPORT MANUAL **\*EMERGENCY IMPLEMENTING PROCEDURE**

# \*EVACUATION, PERSONNEL ACCOUNTABILITY, AND SEARCH AND RESCUE

**PROCEDURE NUMBER:** 

\*EIP-2-026

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#### 1 <u>PURPOSE</u>

This procedure provides the steps to be followed if a Limited, Building, or Owner Controlled Area Evacuation becomes necessary.

#### 2 <u>REFERENCES</u>

- 2.1 Title 10, Code of Federal Regulations, Part 20 (10CFR20), Standards for Protection Against Radiation
- 2.2 River Bend Station Safeguards Contingency Plan
- 2.3 ADM-0060, First Responder Emergency
- 2.4 RBNP-035, Hazardous Material Emergency Response Plan
- 2.5 FPP-0010, Fire Fighting Procedure
- 2.6 PSP-4-413, Safeguards Contingencies
- 2.7 EIP-2-012, Radiation Exposure Controls
- 2.8 EIP-2-016, Operations Support Center
- 2.9 RP-104, Personnel Contamination Event

#### 3 **DEFINITIONS**

3.1 Alternate Evacuation Assembly Area - A designated area where evacuees may assemble for radiation monitoring during an Owner Controlled Area evacuation. This assembly area is located at the intersection of West Feliciana Parish (WFP) 7 (State Highway 965) and the River Access Road (see Attachment 7). The evacuation route from the Protected Area is through the Alternate Evacuation Point (South Train Gate). Individuals in the Protected Area will proceed on foot down River Access Road, past Grant Substation to the junction of West Feliciana Parish (WFP) 7 (State Highway 965) to the Alternate Assembly Area. Transportation will be provided at that point. Individuals outside of the Protected Area should follow directions from Security personnel and posted signs.

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- 3.2 Alternate Evacuation Point The alternate egress point from the Protected Area that may be used, if necessary, during an Owner Controlled Area Evacuation. It is sometimes referred to as the "South Train Gate" (see Attachment 7). This is the Evacuation Point used for proceeding to the Alternate Evacuation Assembly Area.
- 3.3 Building Evacuation The withdrawal of all personnel from one building.
- 3.4 Evacuation Assembly Area East The Training Center, located at the intersection of the River Bend Power Station Road and the west Training Center parking lot entrance (see Attachment 7). The evacuation route is through the Primary Access Point (PAP) to the River Bend Power Station Road via private vehicle and then to the Training Center.
- 3.5 Evacuation Assembly Area West The River Bend Activity Center, located near the intersection of the River Bend Power Station Road and West Feliciana Parish (WFP) 7 (State Highway 965) (see Attachment 7). The evacuation route is through the Primary Access Point (PAP) to the River Bend Power Station Road via private vehicle and then to the River Bend Activity Center.
- 3.6 Limited Evacuation-The withdrawal of individuals from a room or area due to a localized hazard.
- 3.7 Limited/Building Evacuation Accountability Actions taken that attempt to determine the evacuation status of individuals within the Limited/Building area.
- 3.8 Non-essential Personnel Non-essential personnel includes employees not having emergency assignments, visitors, contractor personnel (excluding Security), and members of the public within the Owner Controlled Area.
- 3.9 Owner Controlled Area Evacuation The withdrawal of all non-essential personnel from the Owner Controlled Area, which includes the Protected Area, whenever extensive unexpected and uncontrolled hazards exist.
- 3.10 Primary Evacuation Point For the protected area, the PAP is used (see Attachment 7). This is the Evacuation Point used for proceeding to the Evacuation Assembly Areas East and West.
- 3.11 Protected Area Accountability Actions taken to determine the evacuation status of individuals within the Protected Area.

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3.12 Search and Rescue Team - Teams used to locate missing/unaccounted individuals and to provide assistance in removing individuals from the evacuated area. Search and Rescue Teams should be composed of at least two persons selected from Radiation Protection Technicians, Chemistry Technicians, Nuclear Control Operators/Nuclear Equipment Operators, or First Responders. If one of the team members is not an RP Technician, at least one of the team members must be trained in the use of radiation survey instruments. At least one team member must be trained in search and rescue techniques.

# 4 <u>RESPONSIBILITIES</u>

- 4.1 Emergency Director implements this procedure if a Site Area Emergency or General Emergency has been declared, or if conditions warrant implementation of a Limited, Building, or Owner Controlled Area Evacuation.
- 4.2 Radiation Protection Coordinator initiates monitoring and decontamination, as necessary.
- 4.3 Security Coordinator coordinates the accountability of personnel in an evacuation.

#### 5 <u>GENERAL</u>

- 5.1 ALARA principles shall be adhered to prior to initiating an evacuation. Considerations should be given to 1) radiological conditions at the Assembly Points, onsite and along evacuation routes; and 2) whether these conditions can be mitigated prior to evacuees receiving significant exposure.
- 5.2 Plant or site evacuations should be initiated either before or after the passage of a release, and evacuation routes should be chosen such that evacuees travel away from the path of the plume.
- 5.3 The safety of evacuees takes precedence over the monitoring of evacuees and vehicles for contamination control purposes. The monitoring of evacuees and vehicles should be terminated (or not implemented) if monitoring may increase the hazard to individuals.
- 5.4 If the National Guard or law enforcement personnel (state, local, or federal) are onsite at the time of an Owner Controlled Area evacuation and there is not a security event occurring, they will be treated as members of the public and directed to evacuate. If a security event is occurring at the time of the evacuation, RBS security will provide direction to these personnel.

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5.5 It is the responsibility of the governmental agency for which any offsite responder (ex. National Guard, law enforcement, EMS, fire fighting personnel) is employed to declare them an emergency worker, issue them dosimetry, authorize extensions above EPA Protective Action Guides, and authorize/issue KI. RBS Radiation Protection can furnish dosimetry and potassium iodide (KI) to these personnel while in the Owner Controlled Area, however, the responsibility remains with the governmental agency for which they are employed.

#### 6 **PROCEDURE**

#### **NOTE**

The actions of this procedure may be completed in any sequence, however, the sequence presented is recommended.

- 6.1 Limited Evacuation/Building Evacuation
  - 6.1.1 The Emergency Director should use Attachment 1 as a guideline.
  - 6.1.2 The Radiation Protection Technicians at the assembly location should:
    - 1. Determine if any evacuees are injured:
      - a. Report status to the Emergency Director immediately (or the Operations Support Center (OSC) Director if the OSC is operational).
      - b. Administer first aid procedures to the extent of capability until relieved by the designated First Responders on shift.
      - c. Assist in implementing ADM-0060 until injured persons no longer need assistance or are removed from the assembly location.
    - 2. Assist Security in determining if all persons in the evacuated area have been accounted for.
    - 3. As necessary, perform radiological monitoring of evacuees and implement RP-104.
    - 4. If significant radioactive contamination is found on any individual in the assembly location, notify the Emergency Director (or OSC Director if the OSC is operational) of the individual's evacuation route and that this route may be contaminated.

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- 5. Upon completion of personnel surveys, monitor the assembly location for radioactive contamination and decontaminate or post as applicable.
- 6. Notify the Emergency Director (or the OSC Director if the OSC is operational) when the above tasks are completed.

#### <u>NOTE</u>:

If an evacuation is ordered by the Emergency Director, the on duty Security Shift Supervisor will act as the TSC Security Coordinator (for evacuation actions only), until relieved by a qualified individual. While in this capacity, the Security Shift Supervisor will not physically report to the TSC.

- 6.1.3 The Security Coordinator should use Attachment 4 as a guideline.
- 6.2 Owner Controlled Area Evacuation
  - 6.2.1 The Emergency Director should use Attachment 2 as a guideline.
  - 6.2.2 The Radiation Protection Coordinator should:
    - 1. IF a radiological release has already occurred, is occurring, or is imminent, <u>THEN</u> ensure the dispatch of Radiation Protection Technicians (at least two) to the Assembly Area.
    - 2. Direct the RP Technicians responding to the Assembly Area to bring additional survey instruments/equipment from the OSC to use at the assembly area.

#### NOTE:

If the National Guard or local law enforcement is directed to remain within the Owner Controlled Area due to a security event, dosimetry and KI can be supplied to them. It is, however, the responsibility of the governmental agency for which the offsite responder is employed to declare them an emergency worker, issue them dosimetry, authorize extensions above EPA Protective Action Guides, and authorize/issue KI.

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- 3. Determine the existent or potential hazards in the area and brief the Security Coordinator on the hazards and protective measures necessary to protect Security Officers and individuals within the Owner Controlled Area.
- 4. Advise the Security Coordinator on affected wind sectors (centerline and two side sectors) and the need to establish special evacuation routes due to a radiological release or other plant conditions.
- 6.2.3 The Security Coordinator should use Attachment 5 as a guideline.
- 6.2.4 The Security Shift Supervisor, as directed, should:

#### NOTE:

Evacuation will be conducted by security personnel not filling security positions required to maintain the station's protective strategy.

- 1. Receive an evacuation briefing from the Security Coordinator, if available.
- 2. Assign available Security Officer(s) to conduct the evacuation of the Owner Controlled Area.
- 3. Ensure officer(s) assigned evacuation duties obtain one of the OCA evacuation bags in the Access Control Station (ACS).
- 4. Members of the public may occupy some outlying buildings. Security is responsible to notify those individuals of any radiological hazards, protective measures, and evacuation routes.
- 5. If directed, dispatch other available officer(s) to the selected Assembly Area to assist in traffic control and an orderly evacuation process.
- 6. Establish controls to prevent persons from entering evacuated areas.
- 7. Direct the officer(s) at the security checkpoint to stop all incoming traffic, except those necessary to respond to the plant emergency. Use the Security Authorization List (Emergency Director/Recovery Manager) for authorization to enter the site.
- 8. Process emergency vehicles through the security checkpoint and Sally Port in accordance with Security procedures.

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- 9. Ensure the additional requirements during emergency evacuation (Event
   E-1) in the RBS Safeguard Contingency Plan and PSP-4-413 (Safeguards Information) are met.
- 6.2.5 The Security Officer should:
  - 1. Perform duties as directed.
  - 2. Prior to evacuating the Owner Controlled Area buildings and outside areas, receive a briefing on the evacuation announcement including applicable radiation hazards, evacuation routes, assembly area (if required), and radiation monitoring (if required) for evacuees.

#### NOTE:

Officers will unlock any gates or buildings or open any vehicle barriers to facilitate an evacuation, as needed.

- 3. <u>IF</u> the evacuation information includes directions to the West (Activity Center) or Alternate Assembly Area, <u>THEN</u> unlock the appropriate gate(s) and open vehicle barriers to allow egress.
- 4. Obtain one of the Owner Controlled Area (OCA) evacuation bags from the Access Control Station (ACS). The bag(s) should contain the following equipment/tools:
  - \* Keys to all outlying buildings
  - \* Portable public address device (w/batteries, if applicable)
  - \* Evacuation Announcement script (Attachment 8 or 9)
  - \* List of buildings in the OCA to evacuate (Attachment 6)
  - \* RBS 1-mile radius site map
  - \* Bolt cutters
- 5. Evacuation activities:

#### NOTE:

It is not necessary to enter outlying buildings where all entrances are padlocked.

a. Enter each building and announce the evacuation using the prescripted message.

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- b. Avoid lingering in buildings to answer questions.
- c. A search of every office is not necessary.
- d. An evacuation announcement is not necessary in buildings/areas where Security has confirmed that no personnel are present.
- e. Single story buildings should be entered and the announcement made from a location adjacent to the doorway. It is <u>not</u> necessary to walk through an entire building to make evacuation announcements. Multiple entryways, such as those at Field Administration, Main Administration, or other similar locations, should be entered and an announcement made from an appropriate location.
- f. Multi-story office buildings should be entered on each floor and the announcement made from an appropriate location (e.g., each floor of the Generation Support Building may be notified by exiting the elevator/stairwell on each floor and making the announcement from a location near the elevator/stairwell).
- g. Evacuation Officer(s) may designate personnel inside the buildings to spread the evacuation announcement, provided the employee(s) are given appropriate information, such as applicable radiation hazards, evacuation routes, assembly areas, and required monitoring.
- h. The evacuation Officer(s) should contact the Security Shift Supervisor (or designee) when a building or area has been completed to assist security supervision in tracking the progress of the OCA evacuation.
- i. When passing wooded areas or parked vehicles along plant roads, make frequent stops and make announcements from the vehicle window.
- 6.2.6 The Radiation Protection Technicians at the Assembly Area should:
  - 1. Obtain radios and appropriate equipment for monitoring and decontamination at the Assembly Area.
  - 2. Establish communications with the Radiation Protection Coordinator.

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3. When surveying the outside of the vehicles, have driver and passengers - remain in the vehicle.

#### NOTE:

Once any contamination is found, the driver should be directed to the designated contaminated parking area. A more detailed survey of the vehicle will be performed at a later time.

- 4. Survey areas outside of the vehicle such as:
  - front bumper
  - grill
  - tires
  - fender wells
  - door handles
  - rear bumper
  - outside of air cleaner
- 5. <u>IF</u> vehicle is contaminated, <u>THEN</u> have evacuee move vehicle to designated parking area and assemble using the following guidelines:
  - a. <u>IF</u> the Assembly Area East is used, <u>THEN</u> direct evacuees to park their vehicles in the Training Center parking lot in a designated location for isolation and have the individuals assemble outside the West end entrance to the Emergency Operations Facility (EOF) (see Attachment 10).
  - b. <u>IF</u> the Assembly Area West is used, <u>THEN</u> direct evacuees to park their vehicles in the River Bend Activity Center parking lot in a designated location for isolation of the vehicles and have the individuals assemble on the East side of the River Bend Activity Center (see Attachment 11).
  - c. <u>IF</u> the Alternate Assembly Area is used, <u>THEN</u> direct evacuees to assemble in a designated isolated location and request guidance from the Radiation Protection Coordinator in the TSC or the Emergency Director.

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- 6. Survey evacuees from the clean vehicle parking area and decontaminate, as necessary, in accordance with RP-104. If no contamination is found, direct evacuees to leave the area.
- 7. Survey evacuees from the contaminated vehicle parking area and decontaminate, as necessary, in accordance with RP-104. If no contamination is found, direct evacuees to a "clean waiting area" or offsite.
- 8. Record the location and readings of any contamination found on personnel.
- 9. When time permits and after completion of personnel decontamination, complete surveys of any contaminated vehicles. As time allows, begin vehicle decontamination and document the location and readings of contamination found.
- 10. If necessary, request back-up Radiation Protection assistance from the Radiation Protection Coordinator in the TSC.
- 11. Notify the Radiation Protection Coordinator when the following tasks are completed:
  - a. All personnel identified as contaminated have been decontaminated <u>or</u> have been detained for further evaluation and possible additional decontamination.
  - b. All areas and equipment requiring decontamination have been decontaminated <u>or</u> identified for further evaluation and possible additional decontamination.
- 12. Return documentation to the Radiation Protection Coordinator.
- 6.3 Search and Rescue Operations
  - 6.3.1 The Emergency Director should use Attachment 3 as a guideline.
  - 6.3.2 The Radiation Protection Coordinator should:
    - 1. Obtain information on likely areas to be searched from the Emergency Director or Security Coordinator.

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- Contact and consult with the Senior Radiation Protection
   Technician regarding conditions and precautions necessary to be used in the area(s) of the search, and appropriate protective equipment and dosimetry.
- 6.3.3 The Operations Support Center Director should:

#### NOTE:

# At least one member of the Search and Rescue Team must be survey meter trained.

- 1. Record the team members' names, time the team is dispatched and dosimetry information, including accumulated effective dose equivalent for each team member in the OSC log.
- 2. Brief team members on areas to be searched and document all team actions during search and rescue operations.
- 3. <u>WHEN</u> the Search and Rescue Team reports finding the missing individual(s), <u>THEN</u> contact the Emergency Director to report the status of the individual(s).
- 6.3.4 The Senior Radiation Protection Technician should:
  - 1. Using the team briefing checklist in EIP-2-016, brief the team members on the radiological hazards involved, emergency exposure limits and specify dosimetry and protective clothing/equipment to be utilized.
  - 2. Specify routes for the team to follow in order to minimize radiation exposures of team members, as possible.
  - 3. Caution the team members to keep the OSC informed of accumulated exposures.
- 6.3.5 The Search and Rescue Team members should:
  - 1. Receive a briefing from the Senior Radiation Protection Technician and the OSC Director/Manager.
  - 2. If the missing individual is found and requires first aid treatment:
    - a. Contact the Control Room and request announcement over the Page Party/Gaitronics for dispatch of First Responders.

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- b. Make a quick assessment of the individual's condition and the need to move the person from the present location.
- c. If there is not an immediate hazard from the present surroundings, administer first aid on-the-spot, if qualified.
- 3. Notify the OSC Director of the status of the individual(s).
- 4. Upon completion of the assignment, report accumulated exposures to the Senior Radiation Protection Technician.

# 7 **DOCUMENTATION**

Attachments 1-5 of this procedure will be sent to Permanent Plant Files (PPF) per EPP-2-100 by the Manager - Emergency Preparedness.

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#### **EMERGENCY DIRECTOR**

#### LIMITED OR BUILDING EVACUATION

# **<u>DISCUSSION</u>**: In general, limited or building evacuations will be in accordance with the following guidelines:

- 1. A limited evacuation may be implemented when any of the following conditions exist:
  - a. Unexpected area radiation monitor high level alarms are received.
  - b. Unexpected high airborne activity as identified by the activation of a continuous air monitor or RP air sample analysis.
  - c. Unexpected increase of radioactive surface contamination in an area previously designated clean or in excess of expected levels as identified on a Radiation Work Permit.
  - d. Upon discovery of a large radioactive (or suspected radioactive) liquid spill.
  - e. Other emergency conditions occur, such as fire or hazardous gas encounters, that may endanger human health or safety.
- 2. A building evacuation may be declared when either of the following occur:
  - a. Criteria for a limited evacuation are exceeded in two or more large operating areas within one building;

#### OR

b. An unexpected or uncontrolled exposure rate in excess of the expected dose rate as indicated by an area radiation monitor alarm within a single building.

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# ATTACHMENT 1 PAGE 2 OF 2

# **EMERGENCY DIRECTOR**

# LIMITED OR BUILDING EVACUATION

	Date: Time:	<b>Action Completed</b>
<u>ACTI</u>	ONS:	Initials
1.	Determine an assembly location (normally the second floor hallway of the Services Building outside of the CAA). If the second floor hallway of the Services Building is included in the hazard area, designate an alternate location for evacuated personnel.	
2.	Direct RP to dispatch a Radiation Protection Technician to assembly location for personnel monitoring, as necessary.	on
3.	Direct Security to prepare for a Limited/Building Evacuation and complete Limited/Building Evacuation actions of Attachment 4.	the
4.	Determine any areas to avoid during evacuation or any special protective measures to be taken by evacuees. Include these in plant announcement.	
5.	Direct the Control Room to merge the Gaitronics and make the following announcement.	
	PULSE tone. "Attention in the plant. Evacuate the (specify area or buil and assemble at the (second floor hallway of the Services Building or alter location)" (repeat message).	lding) rnate
	Plant areas to avoid/protective measures (or none):	
6.	Implement ADM-0060, First Responder Emergencies, as necessary.	
7.	Implement RBNP-035, Hazardous Material Emergency Response Plan, as necessary.	
8.	Implement FPP-0010, Fire Fighting Procedure, as necessary.	
9.	Upon report of missing individual(s), implement Search and Rescue in accordance with Attachment 3.	<u> </u>
10.	When appropriate, direct Control Room to inform personnel that the hazard no longer exists.	l
11.	Forward the original of this checklist to the Manager - Emergency Preparedness.	. <u> </u>

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# ATTACHMENT 2 PAGE 1 OF 4

#### **EMERGENCY DIRECTOR**

#### **OWNER CONTROLLED AREA EVACUATION**

# **DISCUSSION:** The decision to evacuate members of the public and non-essential station personnel or shelter them in place should be based on the course of action which presents minimum risk to individuals. Examples of extenuating conditions that may result in deciding against or delaying an evacuation are:

- 1. An ongoing security threat (consult with the Security Coordinator to aid in determining the safest course of action.)
- 2. Inclement weather (e.g. tornado, high winds, hazardous road conditions that may preclude a safe evacuation).
- 3. Radiological or toxic gas hazard exists. (Determine if evacuation actions can be accomplished prior to arrival of the release. Owner Controlled Area evacuation is estimated to take 30-60 minutes.)

#### NOTE:

If the National Guard or law enforcement personnel (state, local, or federal) are onsite at the time of an Owner Controlled Area evacuation and there is not a security event occurring, they will be treated as members of the public and directed to evacuate. If a security event is occurring at the time of the evacuation, RBS security will provide direction to these personnel.

#### ACTIONS:

- 1. <u>IF</u> a radiological release has <u>NOT</u> occurred <u>AND</u> is <u>NOT</u> judged imminent, <u>THEN</u> Go To Step 11.
- 2. IF a radiological release has occurred, is in progress, or is judged to be imminent, THEN Go To Step 3.

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#### **EMERGENCY DIRECTOR**

#### **OWNER CONTROLLED AREA EVACUATION**

Action Completed Initial

**ATTACHMENT 2** PAGE 2 OF 4

3. Select an Evacuation Point, Assembly Area, and Staging Area using the following guidelines:

Wind Direction From	Evacuation Point	Assembly Area	Staging Area
$> 125^{\circ} - \le 260^{\circ}$	South Train	Alternate	Field Admin
	Gate	Assembly Area	Training Area
$> 260^{\circ} - \le 35^{\circ}$	PAP	Training Center	MA-2
		OR Activity	Training Area
		Center (Back-up)	
 $> 35^{\circ} - \le 125^{\circ}$	PAP	Training Center	GSB Cafeteria

- 4. Direct RP to dispatch Radiation Protection Technicians to the selected Assembly Area to monitor and decontaminate evacuees as necessary.
- 5. Direct Security to prepare for an Owner Controlled Area evacuation using the selected Assembly Area and to complete the Owner Controlled Area Evacuation actions in Attachment 5. Provide guidance on evacuation of National Guard or law enforcement personnel if needed.

#### **CAUTION:**

IF a condition exists which could jeopardize personnel safety during an evacuation, <u>THEN</u> consider making a plant announcement for personnel to take shelter until the hazard no longer exists.

6. Determine any areas to avoid during the evacuation or any special protective measures to be taken by evacuees. Include in plant announcements.

#### **REV - 15 PAGE 17 OF 29** EIP-2-026

# ATTACHMENT 2 PAGE 3 OF 4

#### **EMERGENCY DIRECTOR**

#### **OWNER CONTROLLED AREA EVACUATION**

<b>Action</b>	Completed
	Initial

7. Direct the Control Room to merge the Gaitronics and make an announcement similar to the following:

PULSE tone. "Attention in the plant. All personnel <u>not</u> presently assigned to an emergency facility are directed to evacuate. Use the (specify the South <u>Train Gate or Primary Access Point)</u>. Engineering, Maintenance, and Operations personnel report to the (specify Field Admin Training Area or Main Admin-2 <u>Training Area or GSB Cafeteria</u>) and standby for further instructions. All other personnel are directed to proceed to the evacuation assembly area (specify Alternate Assembly Area or Training Center or Activity Center). (Repeat message)

Plant areas to avoid/protective measures (or none):

- 8. If the Alternate Assembly Area is being used, Protected Area personnel shall walk to the Alternate Assembly Area. Direct the Communicator to request that the Louisiana Office of Emergency Preparedness (LOEP) provide transportation for evacuees as necessary.
- 9. At a Site Area Emergency or higher, direct relocation of JIC, if EOF is not operational.
- 10. Continue at Step 14.
- Direct Security to prepare for an Owner Controlled Area evacuation and to complete the Owner Controlled Area Evacuation actions in Attachment 5.
   Provide guidance on evacuation of National Guard or law enforcement personnel if needed.

#### CAUTION:

<u>IF</u> a condition exists which could jeopardize personnel safety during an evacuation, <u>THEN</u> consider making a plant announcement for personnel to take shelter until the hazard no longer exists.

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# ATTACHMENT 2 PAGE 4 OF 4

#### **EMERGENCY DIRECTOR**

#### **OWNER CONTROLLED AREA EVACUATION**

Action	Completed
	Initial

12.	Determine any areas to avoid during the evacuation or any special	
13.	Direct the Control Room to merge the Gaitronics and make an announcement	
	PULSE tone. "Attention in the plant. All personnel <u>not</u> presently assigned to an emergency facility are directed to evacuate. Use the Primary Access Point. Engineering, Maintenance, and Operations personnel report to the Main Admin-2 Training Area and standby for further instructions. All other personnel are directed to go home. (repeat message)	

Plant areas to avoid/protective measures (or none):

14. Upon report of missing individual(s), implement Search and Rescue in accordance with Attachment 3.

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# ATTACHMENT 3 PAGE 1 OF 1

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# **EMERGENCY DIRECTOR**

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# SEARCH AND RESCUE OPERATIONS CHECKLIST

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		Date:		Time:	Action Completed Initial
1.	If notif Contro annour	ied that an individual is still within t I Room to merge the Gaitronics and acement.	he hazard a make the fo	rea, direct the ollowing	
	WARI your le	BLE tone. "Attention in the plant. ocation to the Control Room imme	(Name of diately." (	individual) report (repeat message)	
2.	If the i two mi	ndividual has not contacted the Cont nutes following the second announce	rol Room v ement, perf	vithin approximately orm the following:	,
	2.1	Direct Security to provide informati	on on likely	y areas to search.	<u></u>
	2.2	Direct the OSC Director to activate and provide information on specific provide any protective measure info hazards.	the Search plant areas rmation ne	and Rescue Team to be searched, and eded on potential	
	2.3	If the OSC is not operational, assempersonnel identified in Section 3.12 areas to be searched and provide any needed on potential hazards.	ble a team . Provide in y protective	composed of nformation on specif measure informatio	fic on
	2.4	Authorize team members to exceed in accordance with EIP-2-012.	exposure li	mits, as necessary,	

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# ATTACHMENT 4 PAGE 1 OF 1

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# **SECURITY COORDINATOR**

# LIMITED OR BUILDING EVACUATION

<b>-</b>	Date:	Time:	Action Completed Initials
Establish controls via ca access into the evacuated	rd readers, con 1 area except b	dons, or other means to prevent by authorized personnel.	
Obtain printouts of perso control access. If card re available on personnel th	onnel still in th eaders are not nat may still be	ne evacuated area, if card readers available, obtain any information e in the evacuated area.	
Report accountability res Director, including infor	sults and any r mation on like	nissing persons to the Emergency ely areas to search.	
At the direction of the Ea as possible.	mergency Dire	ector, establish normal access,	

1.

2.

3.

4.

<u>.</u>

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## ATTACHMENT 5 PAGE 1 OF 2

#### SECURITY COORDINATOR

#### **OWNER CONTROLLED AREA EVACUATION**

Date: Time:

Action Completed Initial

## **NOTE**

If the Alternate Evacuation Point (South Train Gate) is to be used, make provisions to open it as soon as possible.

- 1. When directed, using Attachment 8 or 9 of this procedure and a 1-mile radius map, direct Security personnel to evacuate the Owner Controlled Area (including the Protected Area). If Attachment 9 is used, modify script as needed. The evacuation should be complete within about 30 to 60 minutes of the declaration of the emergency.
- 2. Ensure the appropriate gates, doors and vehicle barriers are opened to accommodate the evacuation.
- 3. Dispatch any available Officers to the selected Assembly Area, if used.
- 4. Contact West Feliciana Sheriff's Office to request traffic and access control assistance. Provide evacuation route (north/south). Request assistance at Assembly Area, as needed.
- 5. Within approximately 30 minutes of the declaration, provide Protected Area accountability results to the Emergency Director including information on any unaccounted for individuals and likely areas to search.

#### NOTE:

If the National Guard or law enforcement personnel are onsite at the time of an Owner Controlled Area evacuation and there is not a security event occurring, they will be treated as members of the public and directed to evacuate. If a security event is occurring at the time of the evacuation, RBS security will provide direction to these personnel.

6. Using a RBS one-mile radius map, discuss affected wind sectors and the need to establish special evacuation routes because of a radiological release or other plant conditions (with the RP Coordinator) Evacuation routes should be chosen to lead individuals away from the path of the plume or danger.

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# ATTACHMENT 5 PAGE 2 OF 2

# SECURITY COORDINATOR

# **OWNER CONTROLLED AREA EVACUATION**

	<u>A</u>	ction Completed Initial
7.	Determine buildings that may be impacted if a release should start. Use Attachment 6 strictly as a guideline, as some building changes may have taken place.	
8.	Determine priority of buildings to be evacuated. Priority should be given to buildings occupied by the public.	
9.	Direct security officers to evacuate the Owner Controlled Area outside of the Protected Area. If an Assembly Area is being used, have Security Officer direct anyone present to evacuate immediately to the Assembly Area along a designated route.	·
10.	Ensure security officers receive a briefing on potential hazards and any protective measures required. Briefings should include information to be announced to Owner Controlled Area evacuees (including members of the public, visitors, and non-essential employees), applicable radiation hazards, evacuation routes, assembly area and radiological monitoring, as required. Include disposition of National Guard or law enforcement if necessary.	

11. Establish controls to prevent persons from entering evacuated areas.

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#### **OWNER CONTROLLED AREA BUILDINGS**

## <u>NOTE:</u>

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# Evacuation announcement should be made as soon as possible to those areas indicated in bold as they may be occupied by members of the public.

DIRECTION (USING PLANT NORTH)	WIND SECTOR	BUILDINGS IN OCA		
NE	A	<b>Training Center # 201</b> Generation Support Building (GSB) # 36	Community Development Foundation # 202 (Old HR Bldg.)	
ENE	В	РАР	Generation Support Building (GSB) #36	
E	С	Cooling Tower Complex #21, 23-27		
ESE	D	Cooling Tower Complex #21, 23-27		
SE	E	Cooling Tower Complex #21, 23-27		
SSE	F	Fire Pump House #48	Hypochlorite Elect. Equip. Building #41	
S	G	Demineralized Water Pump House #49 Clarifiers #44 Laydown Storage Area #43 Low Level Radwaste Storage Building # 53 Old Anco Storage Building #47		
SSW	H	Lube Oil Storage # 51 Ionics Trailer # 250 Turbine Low Press. Rotor Storage # 103 Low Level Radwaste Storage Bldg. # 53	Fancy Point Wastewater Treatment Facility #35 Old Anco Storage Building #47	
SW	J	Fancy Point	Hazardous Waste Warehouse # 52	
wsw	К	Field Administration Building # 64Grant SubstationIntake StructureIcehouse # 60Insulator Shop # 61Outside Maintenance Shop # 62Training # 63Outside Maintenance Shop # 62		
W	L	Field Administration Building #64 Welding Shop #70 Fishing Area	Maintenance Shops: Pipe Shop #71 Paint Shop #72	
WNW	М	Warehouse Areas # 75, 76, 77, 78	Fishing Area	
NW	N	Warehouse Areas # 75, 76, 77, 78 Carpenter Shop # 94 Activity Center # 210 Firing Range # 212 Meteorological Tower # 104	Environmental/Standards Lab Complex #Q79, 79-81 Garage #95 Rec. Vehicle Park (outage) #LD-5 Ball Park #214	
NNW	P	Garage # 95Main Administration Building (Includes FitnessBall Park # 214Center) #99, 98, 97Old Stone & Webster Warehouse # 96Hunting Club # 215		

No buildings located in Sectors Q & R.

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ATTACHMENT 7 PAGE 1 OF 1

# **EVACUATION POINTS AND ASSEMBLY AREAS**



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#### OWNER CONTROLLED AREA EVACUATION ANNOUNCEMENT NO RADIOLOGICAL RELEASE

During an emergency, if an Owner Controlled Area evacuation is announced, Security Officer(s) will announce the following information to members of the public and non-essential station personnel in the Owner Controlled Area.

#### NOTE:

Make the evacuation announcement in a calm voice with direct authority. Using a public address system device (i.e., bullhorn), make, frequent stops at wooded areas and make the announcement.

ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.

Members of the public and non-essential station personnel are directed to evacuate River Bend property.

There is no radiological hazard at this time. Individuals should use their personal vehicle and may use any route to evacuate River Bend property.

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#### OWNER CONTROLLED AREA EVACUATION ANNOUNCEMENT RADIOLOGICAL RELEASE

During an emergency, if an Owner Controlled Area evacuation is announced, the TSC Security Coordinator (or designee) will use the following as a guideline in developing an appropriate evacuation announcement. Complete the announcement by indicating assembly area to be used. Security Officer(s) will then make the announcement to members of the public and non-essential station personnel in the Owner Controlled Area.

#### NOTE:

Make the evacuation announcement in a calm voice with direct authority. Using a public address system device (i.e., bullhorn), make frequent stops at wooded areas and make the announcement.

ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.

Members of the public and non-essential station personnel are directed to evacuate River Bend property.

There is a radiological hazard at this time. For your own safety, proceed by personal vehicle to the:

**East** Assembly Area

\_\_\_\_\_ West Assembly Area

Alternate Assembly Area

# ASSEMBLY AREA EAST LAYOUT RIVER BEND TRAINING CENTER

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# ATTACHMENT 11 PAGE 1 OF 1

# ASSEMBLY AREA WEST LAYOUT RIVER BEND ACTIVITY CENTER



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