

Southern Nuclear Operating Company, Inc.

Vogtle Electric Generating Plant

Post Office Box 1600

Waynesboro, Georgia 30830

Tel 706.826.4209

Fax 706.826.3321



July 17, 2001

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

NOG- 01171

**VOGTLE ELECTRIC GENERATING PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE REVISION**

Gentlemen:

In accordance with 10 CFR 50.4, as required by 10 CFR 50, Appendix E, Part V, Southern Nuclear hereby submits the following revision(s) to the Vogtle Emergency Plan Implementing Procedure(s):

<u>Procedure</u>	<u>Revision</u>	<u>Effective Date</u>
91002-C	37	07/06/01
91403-C	11	07/06/01

By copy of this letter, the NRC Region II Administrator and the Site NRC Senior Resident Inspector will receive one copy each of the revision(s).

Please contact Angel Cardona at (706) 826-3114 if you have questions.

Sincerely,

A handwritten signature in cursive script that reads "George Fredman". Below the signature is a small handwritten word "for".

Jeffrey T. Gasser
General Manager

JTG:AEC:rpb

Enclosure: Emergency Plan Implementing Procedure(s)

A045

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xc: Southern Nuclear
 Mr. J. B. Beasley, Jr.
 Mr. L. A. Ward
 NORMS

Shaw, Pittman, Potts & Trowbridge
 Mr. E. L. Blake, Jr., Attorney-at-Law (with attachment)

Troutman & Sanders
 Mr. A. H. Domby, Attorney-at-Law (with attachment)

U. S. Nuclear Regulatory Commission
 Mr. L. Reyes, Regional Administrator (with attachment – one copy)
 Mr. J. Zeiler, NRC Senior Resident Inspector, Vogtle (with attachment – one copy)

SOUTHERN COMPANY
Energy to Serve Your World

Submittal No. EP-2001-12

The documents described below are being submitted to you for storage. Documents which contain a Safety Evaluation (Part B) are indicated by a mark in the SE column.

[illegible]

Remarks: Please ensure that pertinent personnel are notified concerning the revision of Emergency Response Facility procedures.


Robert Black

Received By: (Document Control)

07/10/2001
Date

07/10/2001
Date

Figure 2 (Example)

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PRB REVIEW REQUIRED

1.0 **PURPOSE**

1.1 This procedure provides instructions for completing onsite and offsite emergency notifications. Included are:

1.1.1 Initial and follow-up notification to federal, state, and local emergency response organizations, including upgrading and downgrading of emergency classifications and terminations of an emergency.

1.1.2 Notification to onsite personnel.

1.1.3 Notification of additional Southern Nuclear Operating Company (SNC), Georgia Power Company (GPC) management personnel and others as specified in the Vogtle Electric Generating Plant (VEGP) Emergency Plan.

2.0 **RESPONSIBILITIES**

2.1 The Emergency Director (ED) is responsible for:

2.1.1 Notification of federal, state and local offsite authorities, in a timely manner.

2.1.2 Recommendation of protective actions to federal, state and local offsite authorities.

2.1.3 Approving initial and follow-up emergency notification message forms.

2.1.4 Directing the notification of personnel on the plant site per Checklist 1 of this procedure.


2.1.5 Transferring notification responsibility from the control room communicators to the TSC and/or EOF communicators.

2.1.6 Notification and recall of VEGP Emergency Response Organization (ERO) personnel who may be offsite after normal working hours.

2.2 Communicators are responsible for notifications and log keeping to state and local agencies, NRC, SNC, and VEGP personnel per Checklists 2, 3, and 4 of this procedure.

2.3 The Supervisor Nuclear Security (SNS) is responsible for:

2.3.1 Performing the recall of the designated VEGP ERO personnel outside normal working hours at an Alert or higher classification in accordance with Checklist B, procedure 91704-C, "Actions For Security During A Radiological Emergency".

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- 2.3.2 Notification of individuals and/or organizations per Checklist A, procedure 91704-C, "Actions For Security During A Radiological Emergency".
- 2.4 The Vogtle Duty Manager is responsible for notification of the Corporate Duty Manager.
- 2.5 The TSC/EOF Support Coordinator is responsible for timely completion of notifications to the appropriate offsite authorities once the TSC/EOF are activated (Checklist 2 of this procedure).
- 2.6 The Visitors Center staff is responsible for notification of all visitors at the Visitors Center.
- 2.7 The Training Center staff is responsible for notification of all personnel at the Training Center.
- 2.8 Personnel acting as escorts for visitors shall escort the visitor out of the protected area upon notification of an emergency of Alert or higher classification.

3.0 PREREQUISITES

A Notification of Unusual Event, Alert, Site Area Emergency or General Emergency has been declared per Procedure 91001-C, "Emergency Classification and Implementing Instructions".

4.0 PRECAUTIONS

- 4.1 Initial notifications of Georgia Emergency Management Agency (GEMA), Burke County, Savannah River Site (SRS), South Carolina, Aiken County, Barnwell County, and Allendale County offsite authorities shall be accomplished within 15 minutes of the declaration of an emergency, or an upgrade to a more severe emergency classification level.
- 4.2 Initial notification of the NRC shall be completed as soon as possible after notifications to the state and county agencies and within an hour of the declaration of an emergency. Follow-up notifications of the NRC shall be made immediately after any further degradation in the plant conditions, any change from one emergency class to another, or for the termination of an emergency.

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4.3 Follow-up Emergency Messages, using the Emergency Notification Form (Checklist 2) should be completed and transmitted to federal (SRS), state and local authorities during an Alert or higher classification, when there is a significant change in plant conditions, or at least every hour. This follow-up notification message may be transmitted by facsimile with an oral confirmation of receipt on the ENN or other telephones except for protective action recommendation change messages which shall be transmitted orally.

4.4 If this procedure is initiated as part of an emergency preparedness drill or exercise, all radio and telephone communications shall be preceded and followed by the statement: "This is a drill".

4.5 Maintain an open, continuous communications channel with the NRC Operations Center on the ENS, upon request by the NRC.

5.0 **PROCEDURE**

5.1 **GENERAL**

5.1.1 The ED (or designee) shall initiate a plant-wide announcement over the plant page public address system, make an announcement, and/or sound the emergency alarm as appropriate, and repeat the announcement in accordance with the Plant Page Announcement Checklist (Checklist 1). Details of the content of the plant page public address announcement are provided in Checklist 1. The announcement or alarm system for each emergency classification is as follows:

5.1.1.1 Notification of Unusual Event: announcement

5.1.1.2 Alert: announcement and warble tone


5.1.1.3 Site Area Emergency: announcement and warble tone

5.1.1.4 General Emergency: announcement and warble tone

5.1.2 If one or more members of the ERO have not reported to their designated emergency response facility within a reasonable time, the ED or Facility Manager shall direct the persons having notification responsibilities to initiate individual notification of the missing personnel or their designated alternates.

5.2 **NOTIFICATIONS**

Complete Checklist 1, 2, 3 and 4 (NOUE ONLY) of this procedure.

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6.0 REFERENCES

6.1 VEGP EMERGENCY PLAN

6.2 PROCEDURES

6.2.1 91001-C, "Emergency Classification And Implementing Instructions"

6.2.2 91101-C, "Emergency Response Organization"

6.2.3 91204-C, "Emergency Response Communications"

6.2.4 91501-C, "Recovery"


6.2.5 91305-C, "Protective Action Guidelines"

6.2.6 91704-C, "Actions For Security During A Radiological Emergency"

6.3 NUREG-0654, FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"

6.4 Title 10, Code of Federal Regulations, Part 50.72

END OF PROCEDURE TEXT

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CHECKLIST 1

Sheet 1 of 1

PLANT PAGE ANNOUNCEMENT CHECKLIST

1. Make an announcement with the plant page public address system merged for all areas:

- a. "ATTENTION ALL PERSONNEL - THIS IS A DRILL/ ACTUAL EMERGENCY
[select one]
(A NOTIFICATION OF UNUSUAL EVENT) (A SITE AREA EMERGENCY)
(AN ALERT EMERGENCY) (A GENERAL EMERGENCY)
[select one]

HAS BEEN DECLARED FOR (Unit 1/ Unit 2/ THE SITE) [event description] _____

NOTE

For Alert declarations or higher, complete b. and c. as applicable.


- b. "PERSONNEL WORKING (ON/IN) _____ CALL
CONTROL ROOM AT EXTENSION _____ & CONTINUE WORK."
- c. "EMERGENCY RESPONSE PERSONNEL REPORT TO YOUR EMERGENCY
RESPONSE FACILITY. ALL OTHER PERSONNEL EXIT THE PROTECTED
AREA AND REPORT TO THE ADMINISTRATION BUILDING.
THIS IS A DRILL/ACTUAL EMERGENCY" [select one]

2. Sound the appropriate tone for 15 seconds: NOUE - None ALERT - Warble
SITE AREA - Warble GENERAL - Warble

NOTE

Merge the page after resetting the emergency tone.

3. **REPEAT** above announcement(s).
4. For an Alert or higher, repeat items 1 & 2, one (1) more time in about 10 minutes. (except for part 1.b. which should be repeated only for those affected personnel or locations who have not yet called the Control Room).
5. Indicate the time the announcements are made.
- a. Initial Page Announcement Time: _____
- b. Repeat Page Announcement Time: _____

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CHECKLIST 2

EMERGENCY DIRECTOR INSTRUCTIONS FOR ENN FORM IMPLEMENTATION

INITIAL ACTIONS


NOTE

The ENN Communicator should establish communications with offsite authorities before the ED completes the message form.

1. Direct the ENN Communicator to establish communications and complete roll call in accordance with Directions For Communicators, Step A of Checklist 2.
2. Complete or direct the completion of the Emergency Notification Form Checklist 2, except items 3 and 4 which will be completed by the communicator.

NOTE

- a. Block "B" (Potential) on Item #10, Emergency Release(s), should not be normally marked. This should reduce confusion with offsite agencies as to the probability and magnitude of a release.
 - b. A radiological release is defined as a radioactive release to the environment, detected by effluent monitors or environmental monitoring, above normal levels that is attributable to a declared event. Normal levels are the highest reading in the last 24 hours prior to the emergency, excluding the current peak value for effluent monitors.
 - c. In addition, the Emergency Director has the discretion to declare that a radiological release is occurring based on plant conditions that would indicate that a release is in progress. (i.e., A Steam Generator Tube Rupture with an ARV lifting)
3. If there is or was a radiological release, Item #10 should so indicate by marking block "C" or "D".

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CHECKLIST 2

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EMERGENCY DIRECTOR INSTRUCTIONS FOR ENN FORM IMPLEMENTATION

INITIAL ACTIONS (CONTINUED)

NOTE

Information for items 11, 12, and 13 should be obtained from Health Physics/Chemistry (TSC) or Dose Assessment staff (EOF).

4. Item # 11, Type Of Release, should be marked as "Ground Level" for all releases.
5. In Item #12, Release Magnitude, the section for normal operating limits pertains to above or below Offsite Dose Calculations Manual (ODCM) limits. If the release is below the ODCM limits, check "Below;" if the release is above the ODCM limits, check "above."
6. If the release is below the ODCM limits, in Item #13, under "TEDE" and "thyroid CDE" dose for the site boundary enter "less than 0.02 mrem (<0.02)."
7. In item #14, meteorological data, use the (15 minute average) primary met. tower 10 meter wind speed and wind direction.

FOLLOW-UP ACTIONS

- Provide follow-up emergency notification messages every hour, whenever the protective action recommendations are changed or when there is a significant change in plant conditions. All follow-up messages are made utilizing Checklist 2. Follow-up status is not required for a NOUE.
- Follow-up emergency notification messages may be transmitted by facsimile with an oral confirmation of receipt on a telephone system (ENN or commercial telephone) except protective action recommendations change messages shall be transmitted orally.

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**CHECKLIST 2 (EXAMPLE)
EMERGENCY NOTIFICATION**

1. ☒ THIS IS A DRILL ☐ ACTUAL EMERGENCY ☐ INITIAL ☐ FOLLOW-UP MESSAGE NUMBER _____
2. SITE VOGTLE UNIT: _____ REPORTED BY: _____

COMMUNICATOR _____ (Name)

3. TRANSMITTAL/TIME/DATE: _____ / _____ / _____ / _____ CONFIRMATION PHONE NUMBER: CHECK BOX

(Eastern) mm dd yy

4. AUTHENTICATION (If Required): _____ (Number) _____ (Codeword)

☐ CONTROL ROOM 1-706-554-6762
☐ TSC 1-706-826-3508
☐ EOF 1-706-826-4367

5. EMERGENCY CLASSIFICATION: ☒ NOTIFICATION OF UNUSUAL EVENT ☐ ALERT ☐ SITE AREA EMERGENCY ☐ GENERAL EMERGENCY
6. ☒ Emergency Declaration At: ☐ Termination At: TIME/DATE: _____ / _____ / _____ / _____ (If B, go to Item 16.)

(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: ☒ IMPROVING ☐ STABLE ☐ DEGRADING
9. REACTOR STATUS: ☒ SHUTDOWN: TIME/DATE: _____ / _____ / _____ / _____ ☐ _____ % POWER

(Eastern) mm dd yy

10. EMERGENCY RELEASE(S): ☒ NONE (Go to item 14.) ☐ POTENTIAL (Go to Item 14.) ☐ IS OCCURRING ☐ HAS OCCURRED
- **11. TYPE OF RELEASE: ☐ ELEVATED ☐ GROUND LEVEL

☒ AIRBORNE: Started _____ / _____ Stopped _____ / _____

Time (Eastern) Date Time (Eastern) Date

☐ LIQUID: Started _____ / _____ Stopped: _____ / _____

Time (Eastern) Date Time (Eastern) Date

- **12. RELEASE MAGNITUDE: ☐ CURIES PER SEC. ☐ CURIES NORMAL OPERATING LIMITS: ☐ BELOW ☐ ABOVE

☒ NOBLE GASES ☐ IODINES

☐ PARTICULATES ☐ OTHER

- **13. ESTIMATE OF PROJECTED OFFSITE DOSE: ☐ NEW ☐ UNCHANGED PROJECTION TIME _____ (Eastern)

TEDE Thyroid CDE

mrem mrem

ESTIMATED DURATION _____ HRS.

SITE BOUNDARY

2 MILES _____

5 MILES _____

10 MILES _____

14. METEOROLOGICAL DATA: ☒ WIND DIRECTION (From) _____ ° ☐ SPEED (mph) _____

☒ STABILITY CLASS _____ ** ☐ PRECIPITATION (type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:

☐ NO RECOMMENDED PROTECTIVE ACTIONS

☐ EVACUATE _____

☐ SHELTER-IN-PLACE _____

☐ OTHER _____


16. APPROVED BY: _____ EMERGENCY DIRECTOR TIME/DATE: _____ / _____ / _____ / _____

(Name) Title (Eastern) mm dd yy

*If Items 8-14 have not changed, only Items 1-7 and 15-16 are required to be completed.

**Information may not be available on initial notifications.

Form No. 9-2317 (1/13/97)

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CHECKLIST 2 (EXAMPLE)

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GOVERNMENT AGENCIES NOTIFIED

Record the name, date and agencies notified:

1.	(name)	Burke County, Georgia
	(date)	(agency)
2.	(name)	GEMA
	(date)	(agency)
3.	(name)	Aiken County, SC
	(date)	(agency)
4.	(name)	Savannah River Site
	(date)	(agency)
5.	(name)	Allendale County, SC
	(date)	(agency)
6.	(name)	State of South Carolina
	(date)	(agency)
7.	(name)	Barnwell County, SC
	(date)	(agency)

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CHECKLIST 2

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DIRECTIONS FOR COMMUNICATORS

NOTE

Notifications MUST be made within 15 minutes of an initial event declaration (Data Sheet 1, 91001-C). Faxing the notifications should be performed in parallel with the voice circuits in the priority listed below.

1. ENN

- Press ** to ring ALL stations. If a station does not answer, dial the individual station code listed on the ENN phone pull out panel.

2. Commercial Telephones (Use #3 system below in the case of a **MAJOR FAILURE** of the ENN.)

- Use dedicated phones (Do not precede phone number with a "9".)
- Plant phone extensions (Precede phone number with a "9".)
- Phone numbers are listed in the Emergency Response Telephone Directory.


3. Back-Up ENN Conference

- Call the VEGP Digital Conferencing Switching System (DCSS) Conference Bridge Computer by dialing (3145) from a plant extension or (1-706-826-3145) from an outside line. Listen to the automated instructions of the conference bridge computer. When asked for a **CONFERENCE CODE**, enter "3356".
- Within a few seconds you will hear beeping tones. These tones indicate that someone is entering or leaving the conference bridge call. Tell the answering parties to standby for a roll call.

NOTE

When calling all non-Vogtle party numbers, precede the phone number with a nine (9).

- To add a party to the conference bridge, press the "#" key then the "6" key. After you receive a dial tone, dial the number of the party you wish to add. Press the "#" key again to add that party to the conference bridge. To return yourself to the conference bridge, press the "#" key again.

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CHECKLIST 2

DIRECTIONS FOR COMMUNICATORS (CONTINUED)

- To mute your line press the “#” key and then the “8” key; to unmute your line press “#” key and then the “9” key.

4. Southern LINC


NOTE

“Wide Area 41-VNPENN” is the default group for ENN when using the Southern LINC phones.

- Depress the "GROUP" Key and select “Wide Area 41-VNPENN”. If Wide Area 41-VNPENN is not displayed, depress the "4" and the "1" key, then press the "OK" key. If a station does not answer, repeat a voice hail of that station.

5. Radios in the TSC or EOF

- Use Burke County radio to notify Burke County and request them to relay notification to GEMA).
- Use South Carolina EPD radio to notify South Carolina and SRS and request them to relay notification to Aiken, Allendale, and Barnwell counties.

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DIRECTIONS FOR COMMUNICATORS (CONTINUED)

A. NOTIFICATION ROLL CALL

1. Ensure that the following items are present:
 - a. Emergency Response Telephone Directory
 - b. Log Book

NOTE

The ENN Communicator should not wait for the ED to complete the notification form prior to completing the roll call.

2. Perform a roll call.

State the following:

"THIS IS/IS NOT A DRILL! (Cross out one)


HELLO, THIS IS (Name)_____ AT THE VOGTLE ELECTRIC GENERATING PLANT. PLEASE OBTAIN A COPY OF THE EMERGENCY NOTIFICATION FORM. STANDBY TO RECEIVE A MESSAGE. (Proceed with roll call in the following order, check box for responding agencies)

- | | | | |
|--|---|---|---|
| 1. <input type="checkbox"/> Burke County | 2. <input type="checkbox"/> GEMA | 3. <input type="checkbox"/> Aiken County | 4. <input type="checkbox"/> Savannah River Site |
| 5. <input type="checkbox"/> Allendale County | 6. <input type="checkbox"/> State of South Carolina | 7. <input type="checkbox"/> Barnwell County | |

If ANY agency fails to respond IMMEDIATELY notify the ED.

NOTE

Ensure the ED has signed the Emergency Notification form prior to transmission.

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CHECKLIST 2

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DIRECTIONS FOR COMMUNICATORS (CONTINUED)

B. TRANSMISSION OF NOTIFICATION MESSAGE:

1. Transmit the completed notification form via voice and facsimile.

Simultaneously, transmit the completed notification form via Facsimile in the following manner:

- a. Place form facedown in transmit tray.
 - b. Depress the appropriate one-touch speed dial button (Control Room use NOTIFY)
2. Perform a second roll call at completion of the notification and record acknowledgments on the back of the form.
 3. For ALERT and higher
 - a. Maintain communications with offsite agencies (GEMA, South Carolina, Savannah River Site, Burke County, Allendale County, Barnwell County, and Aiken County). Shift to alternate state and county notification locations, as requested.
 - b. Complete follow-up notifications every hour or when conditions warrant by returning to Section A of this checklist.

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CHECKLIST 3

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NRC NOTIFICATION CHECKLIST

NOTE

Assign operations personnel (or TSC personnel if the TSC is activated) to complete this checklist in accordance with the following instructions. Obtain radiological information from Health Physics or Chemistry personnel as appropriate. Total Activity Calculations are found in Procedure 91111-C, "Duties of the Chemistry Supervisor (TSC)".

NOTE

ALL columns and rows denoting % T.S. Limit are no longer applicable and should not be completed.

1. Initial Notification

- a. Complete the "Event Notification Worksheet" and obtain Emergency Director approval.

NOTES

- i. An access code (1) must be dialed whether using a commercial or FTS line.
- ii If no response on the ENS is obtained, use a commercial line, Southern LINC phone, or cellular phone to call one of the following numbers:

Primary- 1-301-816-5100 Backup - 1-301-951-0550

- b. Initiate call on the ENS line. When contact is made, the caller shall state:


"THIS IS/IS NOT (cross out one) A DRILL"

"HELLO, THIS IS (name):_____ AT THE VOGTLE ELECTRIC GENERATING PLANT. PLEASE OBTAIN A COPY OF THE EVENT NOTIFICATION WORKSHEET AND STAND BY TO RECEIVE A MESSAGE".

- c. Give the information on the "Event Notification Worksheet" to the NRC.
- d. Transmit copy of "Event Notification Worksheet" to NRC via facsimile. NRC facsimile telephone number is (301) 816-5151.

2. Follow-Up Notifications

- a. Keep the NRC updated with all changes. Inform the NRC immediately of any further degradation in the plant conditions, any change from one emergency classification to another, or of the termination of an emergency. Upon activation of the TSC, the TSC Manager assumes the responsibility of communicating with the NRC.


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CHECKLIST 3 (EXAMPLE)

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NRC FORM 381 (12-2000)		REACTOR PLANT EVENT NOTIFICATION WORKSHEET				U.S. NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER	
EN #							
NRC OPERATION TELEPHONE NUMBER: PRIMARY -- 301-816-5100 or 800-532-3469*, BACKUPS -- [1st] 301-951-0550 or 800-449-3694*, [2nd] 301-415-0550 and [3rd] 301-415-0553 *Licensees who maintain their own ETS are provided these telephone numbers.							
NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	NAME OF CALLER		CALL BACK #		
EVENT TIME & ZONE	EVENT DATE	POWER/MODE BEFORE		POWER/MODE AFTER			
EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		(v)(A) Safe S/D Capability AINA			
GENERAL EMERGENCY	GEN/AAEC	TS Deviation		ADEV		(v)(B) RHR Capability AINB	
SITE AREA EMERGENCY	SIT/AAEC	4-Hr. Non-Emergency 10 CFR 50.72(b)(2)		(v)(C) Control of Rad Release AINC			
ALERT	ALE/AAEC	(i) TS Required S/D		ASHU		(v)(D) Accident Mitigation AIND	
UNUSUAL EVENT	UNU/AAEC	(iv)(A) ECCS Discharge to RCS		ACCS		(xii) Offsite Medical AMED	
50.72 NON-EMERGENCY (see next columns)		(iv)(B) RPS Actuation (scram)		ARPS		(xiii) Loss Comm/Asmt/Resp ACCM	
PHYSICAL SECURITY (73.71)	DDDD	(xi) Offsite Notification		APRE		60-Day Optional 10 CFR 50.73(a)(1)	
MATERIAL/EXPOSURE	B???	8-Hr. Non-Emergency 10 CFR 50.72(b)(3)		Invalid Specified System Actuation AINV			
FITNESS FOR DUTY	HFIT	(ii)(A) Degraded Condition		ADEG		Other Unspecified Requirement (Identify)	
OTHER UNSPECIFIED REQMT. (see last column)		(ii)(B) Unanalyzed Condition		AUNA		NONR	
INFORMATION ONLY	NNNF	(iv)(A) Specified System Actuation		AESF		NONR	
DESCRIPTION							
Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. (Continue on back)							
NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD? <input type="checkbox"/> YES (Explain above) <input type="checkbox"/> NO			
NRC RESIDENT				DID ALL SYSTEMS FUNCTION AS REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO (Explain above)			
STATE(s)							
LOCAL							
OTHER GOV AGENCIES				MODE OF OPERATION UNTIL CORRECTED		ESTIMATED RESTART DATE	
MEDIA/PRESS RELEASE						ADDITIONAL INFO ON BACK <input type="checkbox"/> YES <input type="checkbox"/> NO	

NRC FORM 381 (12-2000)


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CHECKLIST 3 (EXAMPLE)

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ADDITIONAL INFORMATION

RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)						
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED	
MONITORED	UNMONITORED	OFFSITE RELEASE	T. S. EXCEEDED	RM ALARMS	AREAS EVACUATED	
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED			*State release path in description	
	Release Rate (Ci/sec)	% T. S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T. S. LIMIT	HOO GUIDE
Noble Gas			0.1 Ci/sec			1000 Ci
Iodine			10 uCi/sec			0.01 Ci
Particulate			1 uCi/sec			1 mCi
Liquid (excluding tritium and dissolved noble gases)			10 uCi/min			0.1 Ci
Liquid (tritium)			0.2 Ci/min			5 Ci
Total Activity						
	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER	
RAD MONITOR READINGS						
ALARM SETPOINTS						
% T. S. LIMIT (if applicable)						
RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS: (specific details/explanations should be covered in event description)						
LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc.)						
LEAK RATE	UNITS: gpm/gpd	T. S. LIMITS	SUDDEN OR LONG-TERM DEVELOPMENT			
LEAK START DATE	TIME	COOLANT ACTIVITY AND UNITS:	PRIMARY	SECONDARY		
LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL						
<p style="text-align: center;">EVENT DESCRIPTION (Continued from front)</p>						

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CHECKLIST 4

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NOUE ONLY

VEGP MANAGEMENT NOUE NOTIFICATION CHECKLIST

NOTE

This checklist to be completed by a control room communicator following completion of notifications to State and Local authorities for NOUE ONLY.

IMMEDIATE ACTIONS

1. Contact the Security Shift Captain and request the Secondary Alarm Station Operator to initiate the NOUE Management Notification using the Vogtle Emergency Recall System.

2. Performed by: _____

Time / Date

SOUTHERN COMPANY
Energy to Serve Your World

Submittal No. EP-2001-12

The documents described below are being submitted to you for storage. Documents which contain a Safety Evaluation (Part B) are indicated by a mark in the SE column.

[illegible]


Remarks: Please ensure that pertinent personnel are notified concerning the revision of Emergency Response Facility procedures.

Robert Black

Received By: (Document Control)

07/10/2001
Date

Figure 2 (Example)

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REFERENCE USE PROCEDURE

PRB REVIEW REQUIRED

1.0 PURPOSE

The purpose of this procedure is to provide instructions for the early dismissal or evacuation of non-essential personnel including visitors at VEGP in the event of an emergency.

2.0 RESPONSIBILITIES

2.1 The Emergency Director (ED) shall be responsible for determining the need for early dismissal or evacuation and selecting evacuation routes.

2.2 The Security Coordinator shall be responsible for conducting the evacuation and directing the Security Force to assist in various stages of the evacuation.


2.3 The HP Supervisor or Dose Assessment Manager will provide HP support for monitoring and decontamination at the selected offsite relocation center.

3.0 PREREQUISITES

The ED has determined that conditions warrant early dismissal or evacuation of all non-essential personnel.

4.0 PRECAUTIONS

The evacuation should be conducted in an orderly fashion so as to prevent personnel injury.

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5.0 **PROCEDURE**

5.1 **EMERGENCY DIRECTOR**

NOTE

- a. A radiological release is defined as a radioactive release to the environment, detected by effluent monitors or environmental monitoring, above normal levels that is attributable to a declared event. Normal levels are the highest reading in the last 24 hours prior to the emergency, excluding the current peak value for effluent monitors.
- b. In addition, the Emergency Director has the discretion to declare that a radiological release is occurring based on plant conditions that would indicate that a release is in progress. (i.e., A Steam Generator Tube Rupture with an ARV lifting)
- c. Early Dismissal may not be directed if a radiological release has occurred or is occurring.

5.1.1 The ED shall order evacuation or early dismissal of non-essential personnel (if feasible) whenever a Site Area or General Emergency is declared.


5.1.2 The ED should also order a specified area evacuation if it is determined that a threat to the health and safety of personnel exists and there is no reason to retain these personnel in the area.

5.1.3 The ED has the option to: (1) send personnel home from work early before a radiological release has occurred or, (2) evacuate personnel to an offsite relocation center for monitoring, if a radiological release has occurred or is occurring .

5.1.4 Early releases from work shall be initiated and conducted per Subsection 5.7 of this procedure.

5.1.5 The ED shall confer with the HP Supervisor (or Dose Assessment Manager if EOF is activated) on wind direction and other factors which will influence the choice of whether to evacuate to the primary or alternate offsite relocation center. Using the following information, the ED shall then decide which relocation center shall be utilized.

5.1.5.1 The Vogtle Recreation Center is the preferred location and should be used unless the wind direction is from 020° to 070° in which case, Plant Wilson should be used as the relocation center.

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5.1.6

The ED shall notify the Security Coordinator to initiate Site Evacuation in accordance with section 5.2 or 5.7 of this procedure.

5.2

SECURITY COORDINATOR (OR SUPERVISOR NUCLEAR SECURITY- (SNS) IF EOF IS NOT ACTIVATED)

5.2.1

Upon declaration of an Alert, designate a Security Officer to be Evacuation Leader (Subsection 5.4) and dispatch the officer to the relocation center along with Health Physics support. This will allow setup prior to evacuees arriving.

NOTE

a.

Security should set up for Site Evacuation prior to the announcement.

b.

If this is a drill, the message should be preceded and followed by the statement: "THIS IS A DRILL".

5.2.2

Perform a site evacuation if ordered by the ED as follows:

5.2.2.1

Designate a Security Officer to be the Evacuation Leader (Subsection 5.4) and dispatch the officer to the relocation center if not already performed at an Alert.

5.2.2.2

Dispatch Security Officers to plant gates and traffic control points for traffic control.

5.2.2.3

Contact the relocation center and inform them of the impending evacuation.

5.2.2.4

Perform protected area accountability per Procedure 91401-C, "Assembly and Accountability" if not already completed.


5.2.2.5

Check with the HP Supervisor or Dose Assessment Manager concerning radiological conditions prior to dispatching Security Officers to check owner controlled areas to assure that all non-essential personnel have been evacuated.

5.2.2.6

Activate the site siren and make the following announcement over the plant page and site siren public address systems:

ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL. THE EMERGENCY DIRECTOR HAS ORDERED A SITE EVACUATION. ALL PERSONNEL NOT DIRECTLY INVOLVED WITH THE EMERGENCY ARE TO REPORT TO (THE RECREATION CENTER/PLANT WILSON). REMAIN THERE UNTIL CLEARED TO LEAVE".

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NOTE

There may not be any personnel at Plant Wilson.


- 5.2.2.7 Contact Plant Wilson (phone number is in the Emergency Response Telephone Directory under Georgia Power Company) and inform them that site evacuation has been ordered. Direct personnel to the appropriate relocation center.
- 5.2.2.8 Implement Checklist A, "VEGP Security Department Call Checklist", Procedure 91704-C and direct personnel to the designated relocation center.
- 5.2.2.9 Notify Burke County EMA of the Site Evacuation.
- 5.2.2.10 Provide the ED with periodic reports on the progress of the evacuation.

5.3 HEALTH PHYSICS

- 5.3.1 Designated Health Physics staff shall be dispatched to the relocation center at an Alert to allow setup of the center prior to evacuees arriving.
- 5.3.2 If an evacuation has been ordered, the HP Supervisor (or Dose Assessment Manager if the EOF is activated) is responsible for the following:
 - 5.3.2.1 Consideration of augmentation of the Health Physics staff at the assigned relocation center.
 - 5.3.2.2 Establish communication with the site evacuation team and keep them informed of the status of the radioactive release and meteorological conditions.
- 5.3.3 After their arrival at the offsite relocation center, the Health Physics staff shall establish a monitoring point in accordance with the "Health Physics Personnel Checklist" of this procedure.
- 5.3.4 Establish a decontamination point in accordance with procedure 91306-C, "Contamination Monitoring And Decontamination", if necessary.

5.4 EVACUATION LEADER

Upon appointment by the SNS, the Evacuation Leader shall report to the OSC for dispatch to the relocation center and implementation of the Evacuation Leader Checklist of this procedure.

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5.5 EVACUATING PERSONNEL

In complying with the evacuation order, personnel shall proceed to the offsite relocation center taking directions from Security Officers.

5.6 OFFSITE RELOCATION CENTER AND EVACUATION ROUTES

5.6.1 The ED shall order evacuation to the VEGP Recreation Area, the primary offsite relocation center, if radiological conditions allow its use. The evacuation route shall be the main plant access road, see Figure 3.

5.6.2 The alternate offsite relocation center is located at Plant Wilson. The evacuation route shall be the visitors center access road, see Figure 3.

5.7 EARLY DISMISSAL

5.7.1 The ED may determine that it is desirable to send person's home before a radiological release has occurred.

5.7.2 The ED shall direct an early dismissal in accordance with 91102-C, "Duties Of The Emergency Director".

5.7.3 Security shall perform an early dismissal if ordered by the ED as follows:

- a. Make the following announcement over the plant page and site siren public address systems:


"ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL. THE EMERGENCY DIRECTOR HAS DIRECTED AN EARLY DISMISSAL OF ALL PERSONNEL NOT DIRECTLY INVOLVED WITH THE EMERGENCY. LEAVE THE PLANT SITE AND PROCEED HOME".

- b. Contact the assembly area (Administration Building) and release personnel to go home.

NOTE

There may not be any personnel at Plant Wilson.

- c. Contact Plant Wilson (phone number is in the Emergency Response Telephone Directory under Georgia Power Company) and inform them that early dismissal has been ordered.

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d. Implement Checklist A, "VEGP Security Department Call Checklist", Procedure 91704-C and direct personnel to go home.

e. Inform the Burke County EMA of the Early Dismissal.

5.8 POST-EVACUATION CONDITIONS

5.8.1 The Security Coordinator shall assure that all personnel have been evacuated in accordance with procedure 91704-C, as appropriate, and shall brief the ED.

5.8.2 The Security Coordinator shall collect all accountability forms and other evacuation records.

5.8.3 The Security Coordinator shall ensure that the Security Department during emergency conditions provides access control to the protected area. Access will be granted to Emergency Response Personnel and NRC Personnel.

6.0 REFERENCES

6.1 VEGP EMERGENCY PLAN

6.2 PROCEDURES

6.2.1 91102-C, "Duties Of The Emergency Director"

6.2.2 91306-C, "Contamination Monitoring And Decontamination"

6.2.3 91401-C, "Assembly And Accountability"

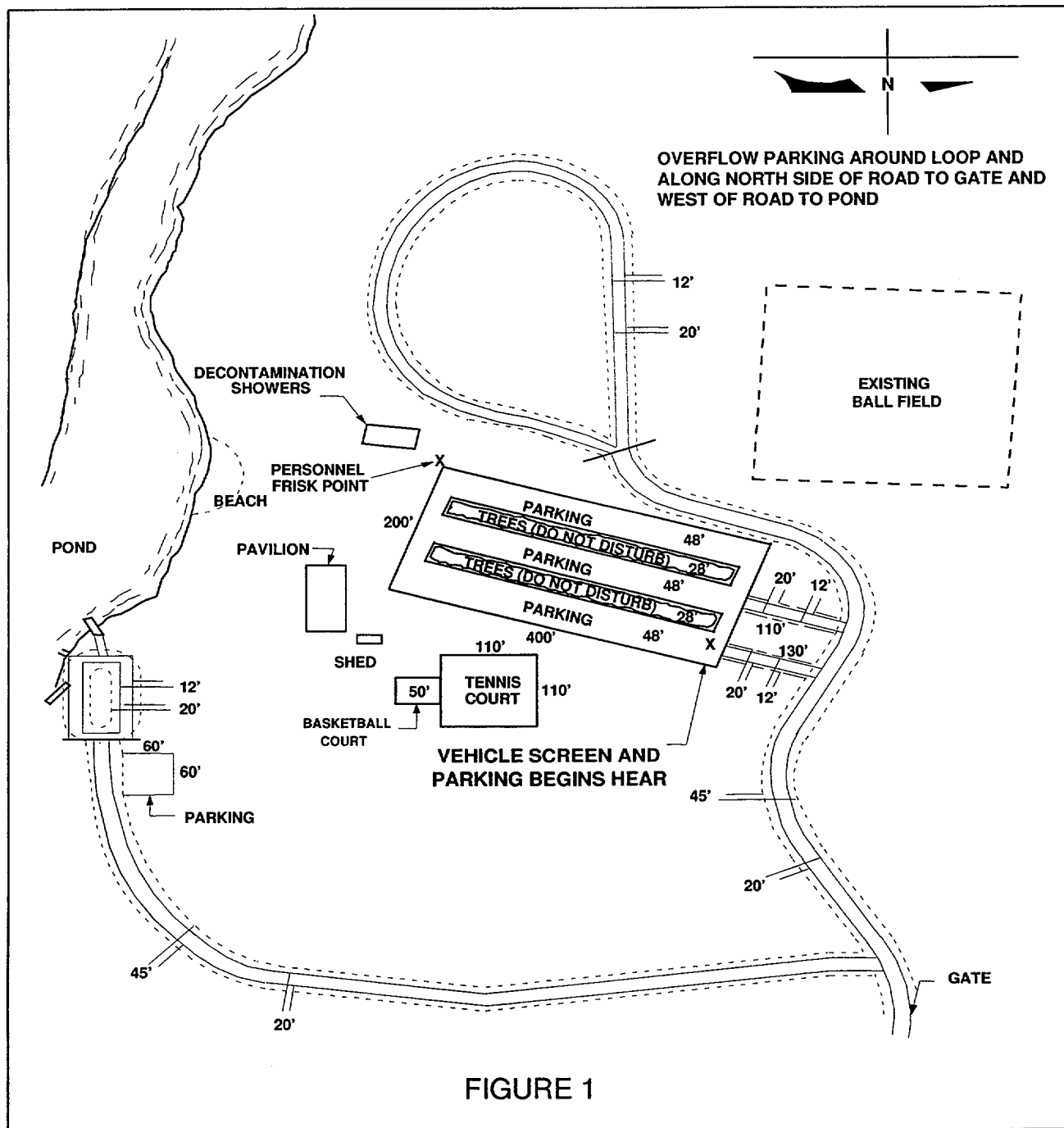
6.2.4 91704-C, "Actions For Security During A Radiological Emergency"

6.3 NUREG-0654, FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"

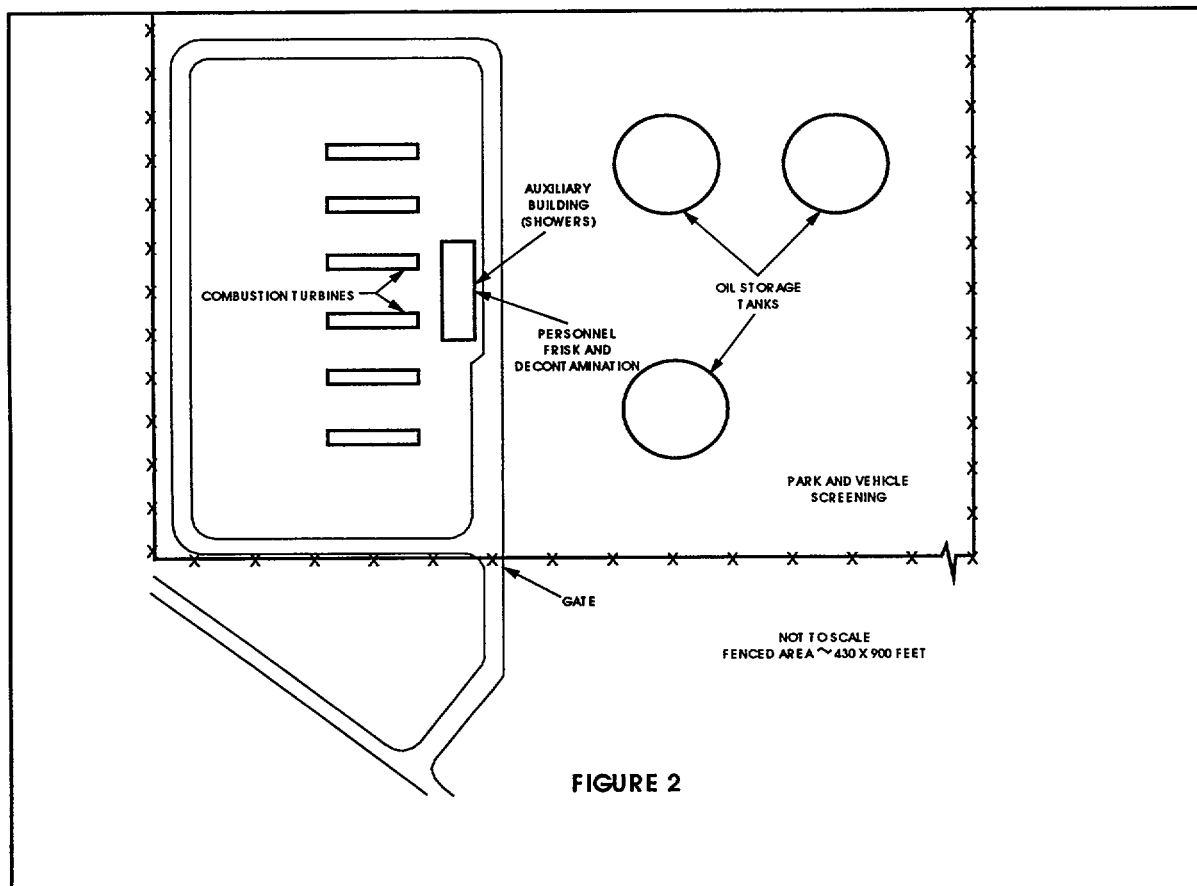
6.4 EMERGENCY RESPONSE TELEPHONE DIRECTORY

END OF PROCEDURE TEXT

**GROUP LOCATION MAP FOR OFFSITE RELOCATION CENTER
AT RECREATION AREA**



**GROUP LOCATION MAP FOR OFFSITE RELOCATION CENTER
AT PLANT WILSON**



Approved By
J.T. Gasser

Date Approved
07/06/2001

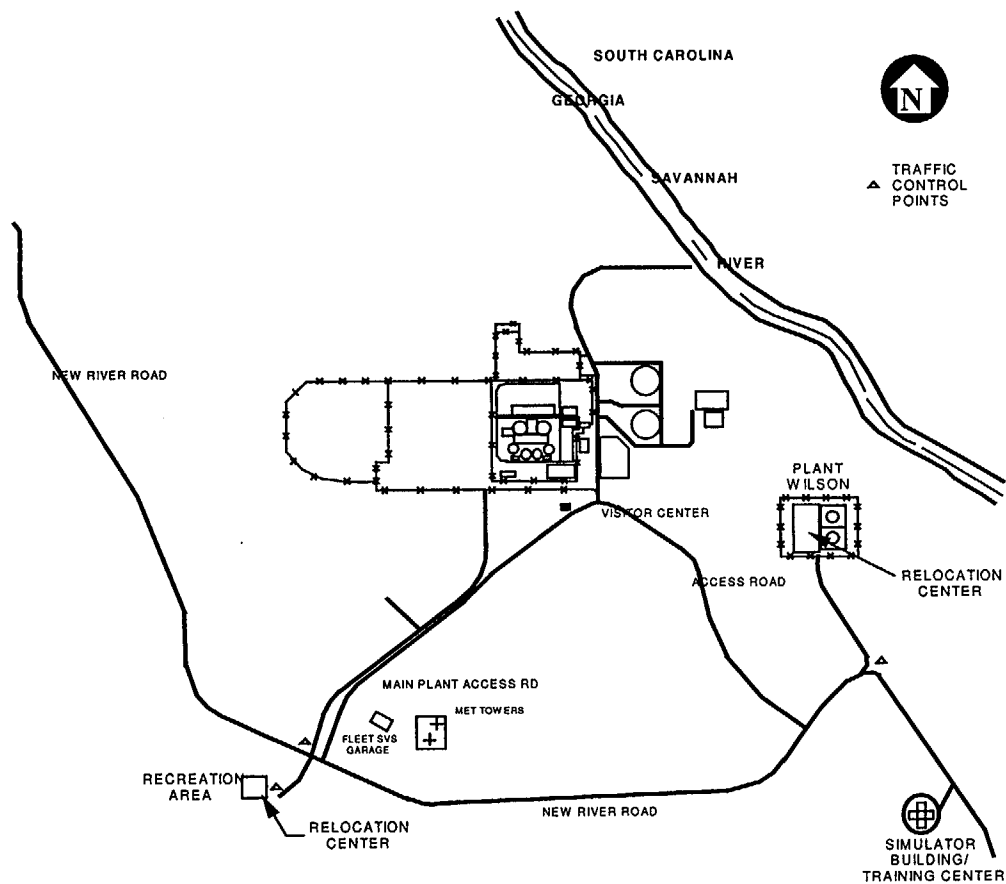
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SITE EVACUATION



Traffic Control & Site
Access Points

FIGURE 3

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EVACUATION LEADER CHECKLIST

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DESIGNEES: On-shift Security Officer

RESPONSIBILITY: Supervise evacuees and control traffic at the offsite relocation center.

INITIAL ACTIONS:

NOTE


Do not use a designated field monitoring team emergency vehicle for transportation.

1. Upon briefing and dispatch from the OSC Manager or his designee, report to the designated relocation center along with Health Physics personnel.
2. Assist the Health Physics personnel to establish a monitoring/decontamination area as necessary.

SUBSEQUENT ACTIONS:

- 1.* Provide periodic updates to the SNS (Security Coordinator, EOF activated) via radio or telephone.
- 2.* Direct arriving groups to specific locations (See Figures 1 & 2).
- 3.* Supervise the movement of the evacuees.
- 4.* Ensure that all personnel and vehicles are surveyed for contamination by HP personnel and decontaminated if necessary prior to release from the relocation center.
5. Request assistance from the SNS (Security Coordinator, EOF activated) if required.

* Continuing Activity

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HEALTH PHYSICS PERSONNEL CHECKLIST

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DESIGNEES: Assigned Health Physics Personnel

RESPONSIBILITY: Establish offsite Monitoring/Decontamination Station

INITIAL ACTIONS:

1. Upon direction from the HP Supervisor or OSC Lab Foreman report to the designated relocation center with the Evacuation leader. Take a radio and the Offsite Relocation Center Handbook.
2. Establish offsite personnel and vehicle monitoring/decontamination point.
3. Notify OSC/EOF when established.

SUBSEQUENT ACTIONS:

- 1.* Perform personnel/vehicle monitoring in accordance with procedure 91306-C.
2. If needed, establish a decontamination point.
3. If necessary due to the volume of contaminated evacuees, request additional Health Physics personnel to assist in monitoring/decontamination.
- 4.* When all personnel/vehicles have been monitored, begin decontamination procedures.
- 5.* Collect all material used for decontamination.

* Continuing Activity