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**TROUTMAN SANDERS**  
ATTORNEYS AT LAW  
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

NATIONSBANK PLAZA  
600 PEACHTREE STREET, N.E. SUITE 5200  
ATLANTA, GEORGIA 30308-2216  
TELEPHONE: 404-885-3000  
FACSIMILE: 404-885-3900

JOHN LAMBERSKI

December 9, 1994

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USNRC

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DIRECT 404-885-3360  
OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

**VIA AIRBORNE EXPRESS**

Administrative Judge Peter B. Bloch, Chairman  
Administrative Judge James H. Carpenter  
Administrative Judge Thomas D. Murphy  
Atomic Safety and Licensing Board (Georgia Power)  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Vogtle Electric Generating Plant, Units 1 and 2 License Amendment (Transfer to Southern Nuclear) ASLBP No. 93-671-01-OLA-3.

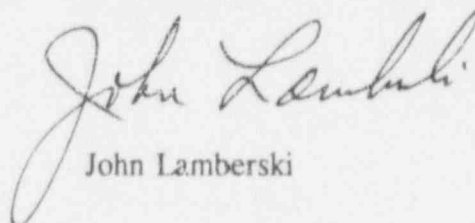
Dear Sirs:

This letter supplements Georgia Power Company's November 28, 1994 and December 6, 1994 responses to Judge Carpenter's request for certain pages from the Plant Vogtle Emergency Plan. Georgia Power has identified an additional relevant section of the Vogtle Emergency Plan responsive to this request. Enclosed herewith is Vogtle Emergency Plan Section E, entitled "Notification Methods and Procedures," (including revisions in effect from June 5, 1990 to the present), which discusses notification of the on call project manager by the Vogtle duty manager. Georgia Power searched for earlier revisions, in effect prior to June 5, 1990, but none were located.

In order to assist the Board in its review of the material supplied in response to this request, Georgia Power has updated the attached table which identifies each revision by number, date implemented, and the relevant sections affected by the revision.

Georgia Power apologizes for not identifying this section sooner.

Very truly yours,

  
John Lamberski

9412190068 941209  
PDR ADOCK 05000424  
G PDR

DS03



Atomic Safety and  
Licensing Board  
December 9, 1994  
Page 2

Attachment  
Enclosures

cc: Charles Barth, Esq. (w/ enclosures)  
Michael Kohn, Esq. (w/ enclosures)  
Service List (w/o enclosures)



# EMERGENCY PLAN REVISION SUMMARY (REV. 2)

<b>Emergency Plan Rev.</b>	<b>Date</b>	<b>Section B</b>	<b>Section E</b>	<b>Appendix 7</b>	<b>Appendix 8</b>
*Rev. 9	01/16/87	R	NC	R	R
Rev. 10	03/15/88 -- No copy could be located.				
*Rev. 11	02/10/89	R	NC	R	R
Rev. 12	06/05/90	R	R	R	R
Rev. 13	Never implemented.				
*Rev. 14	01/17/92	R	R	R	R
Rev. 15	03/01/94	NC	NC	NC	NC
Rev. 16	07/09/92	R	NC	NC	R
Rev. 17	10/08/92	NC	NC	NC	NC
*Rev. 18	05/28/93	R	R	R	R
Rev. 19	01/21/94	R	R	R	R
Rev. 20	07/08/94	NC	R	R	R
Rev. 21	11/18/94	R	R	R	NC

NC = No Changes

R = Revised

\* Georgia Power Company could not locate the final "typed" version of these revision packages. However, the "hand-marked" version of these packages, reflecting all of the final changes, was located and has been provided.



**SECTION E**  
**REVISION 21**



## E. NOTIFICATION METHODS AND PROCEDURES

This section describes the plan for notification of onsite and offsite Vogtle Electric Generating Plant (VEGP) response personnel and State, local, and Nuclear Regulatory Commission (NRC) emergency response centers. Actual methods and sequencing of notifications are covered in appropriate implementation procedures (Procedure 91002-C, Emergency Notifications, and Procedure 91204-C, Emergency Response Communications). Tables E-1 and E-2 and figure E-1 present the initial notification concept.

### E.1 Notification of VEGP Personnel

The emergency director is responsible for classifying an event (section D) into the appropriate emergency class and then notifying onsite personnel accordingly. This notification will involve sounding the appropriate plant emergency alarm signal, making appropriate announcements over the plant public address system, and using appropriate plant telephone system.

The primary means for notification of personnel within the protected area is the public address (PA) system. Upon declaration of a Notification of Unusual Event (NUE), an Alert, a Site Area Emergency, or a General Emergency, the emergency director will order an announcement of the emergency class over the PA system and follow the announcement by sounding a specific tone signal for the emergency.

The tone signals for each of these classes of emergency conditions, as well as for a fire, are as follows:

- NUE: announcement only, no tone signal.
- Alert: warble tone.
- Site Area Emergency: pulse tone.
- General Emergency: yelp tone.
- Fire: siren tone.

The supervisor nuclear security is responsible for notifying Plant Wilson, the training center, the visitors center, and recreation park staff. All visitors at the visitors center will leave the site if directed by the emergency director or if a Site Area or General Emergency is declared. Security will activate the site siren to notify personnel on site, outside the protected area of an evacuation order.



The Security Department will also be responsible for evacuating all visitors and nonessential personnel from the Plant Vogtle Recreational Park and for the verification of the evacuation of all nonessential personnel from Plant Wilson, the training center, and the remaining areas inside the owner controlled area. |

Visitors within the protected area are escorted by a permanently badged individual. This individual is responsible for informing the visitors of emergencies when they occur and for taking action to evacuate the visitors from the site, as necessary.

Plant and contractor personnel will be trained on actions to be taken in an emergency prior to their work assignment. Otherwise, they must be escorted by an individual who has been trained in emergency procedures. The training includes instructions on the methods of personnel notification and the required personnel actions in the event of an emergency.

Notification of the corporate staff is performed by the on call project manager as described in appendix 7. The on call project manager is notified by the Vogtle duty manager who receives notification from the emergency director. |

After normal working hours the notification procedure includes notification of Emergency Response Personnel (ERO) not on site. This notification is accomplished by means of an autodialer system activated by security for all ERO personnel except Security, Maintenance, and Operations Department personnel. Personnel from these departments who are needed to augment shift resources will be notified by departmental personnel who are onshift.

## E.2 Notification of State and Local Response Personnel

The emergency director is responsible for the completion of the Initial Message Form (see figure E-1 for a sample form) and for the notification of the following within 15 min of the declaration of an emergency:

- Georgia Emergency Management Agency Emergency Operations Center (EOC) communicator.
- Burke County Emergency Operations Center (EOC) communicator.
- South Carolina Highway Patrol dispatcher.
- Aiken County sheriff dispatcher.
- Barnwell County sheriff dispatcher.
- Allendale County Law Enforcement Center.



- Department of Energy - Savannah River (DOE-SR) Operations Center communicator.

These agencies will be responsible for notifying appropriate response personnel in accordance with their emergency plans and procedures. A dedicated telephone system, known as the Emergency Notification Network (ENN), will normally be used to accomplish these notifications. Section F describes the ENN and backup means of communication. Figure E-1 presents the sample initial message form for making notifications to these response centers. This form has been developed in conjunction with appropriate offsite agencies.

### E.3 Notification of Federal Agencies

The emergency director is responsible for ordering notification calls to the DOE-SR Operations Center by ENN and to the NRC Operations Center by the Emergency Notification System (ENS) or commercial telephone as backup within prescribed time constraints from the declaration of an emergency. Examples of the type of Initial Emergency Message Form used to provide the initial notification to the SRS Operations Center, and the NRC Operations Center Event Notification Form used for the NRC notification, are shown in figures E-1 and E-2, respectively.

### E.4 Notification of the Public

It is the responsibility of VEGP to provide adequate means for notifying the public, or to be assured that such means are provided. In case of an emergency, State and local agencies are responsible for activating the alert notification system. Administrative and physical means have been established for providing early initial warning and subsequent clear instructions to the populace within the plume exposure pathway emergency planning zone (EPZ). The alert notification system, except for the Savannah River Site (SRS), is described in appendix 3; this system has the capability to complete the initial alert notification of residents within the plume EPZ in about 15 min. Followup messages can be delivered to the public over commercial broadcast stations using the Emergency Broadcast System (EBS).

In the event that an emergency is declared at the Vogtle Electric Generating Plant (VEGP), DOE-SR has agreed to provide for the prompt notification of all persons on the SRS within VEGP's plume exposure pathway EPZ. See appendix 5.

VEGP will provide offsite authorities with supporting information for their messages to the public. Such messages, consistent with the emergency classification scheme, will provide the public with instructions in regard to specific protective actions to be taken by occupants of affected areas.



#### E.5 Followup Emergency Messages

The emergency director is responsible for the completion of a followup emergency message. (See figure E-1, sample form.) The appropriate support coordinator will ensure the emergency communicator(s) periodically provide followup messages to the appropriate offsite Federal, State, and local authorities.

#### E.6 Verification of Notification Messages

All notification messages must be verified. When the ENN is used, verification is accomplished by roll call. This is a suitable mechanism, since the ENN is a multiparty dedicated telephone line. When commercial telephone or radio is used for notification, the called party will contact the Vogtle Electric Generating Plant to verify the validity of the message or use the authentication system provided by the State of South Carolina EPD.



TABLE E-1 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
NORMAL WORKING HOURS

<u>Responsible Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
Control Room Staff	PA system	1. Protected area and Admin Bldg personnel
	Plant telephone system	1. Vogtle duty manager
Security Department	Plant telephone system	1. Visitor- center personnel
		2. Training center personnel
		3. Personnel onsite, outside protected area
		4. Plant Wilson Personnel
	Direct contact	Recreation area occupants
ENN Communicator	ENN	1. GEMA Operations Center communicator
		2. Burke County EOC communicator
		3. SRS Operations Center communicator
		4. South Carolina Highway Patrol dispatcher
		5. Aiken County sheriff dispatcher
		6. Barnwell County sheriff dispatcher
		7. Allendale County Law Enforcement Center



TABLE E-1 (SHEET 2 OF 2)

<u>Responsible Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
Operations Staff	ENS	NRC Operations Center
Vogtle duty manager	Plant telephone system	On call project manager



TABLE E-2 (SHEET 1 OF 2)  
INITIAL NOTIFICATION SYSTEM  
BACKSHIFT HOURS

<u>Responsible Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
Control Room Staff	Public address system	1. Protected area personnel
	Plant telephone system and beeper system	1. Vogtle duty manager
ENN Communicator	ENN	1. GEMA Operations Center communicator 2. Burke County EOC communicator 3. SRS communicator 4. South Carolina Highway Patrol dispatcher 5. Aiken County sheriff dispatcher 6. Barnwell County sheriff dispatcher 7. Allendale County Law Enforcement Center
Operations Staff	ENS	1. NRC Operations Center
Vogtle duty manager	Plant telephone system	1. On call project manager
VEGP security	Plant telephone system	1. Visitors center personnel 2. Training center personnel 3. Personnel onsite, outside protected area 4. Plant Wilson



TABLE E-2 (SHEET 2 OF 2)

<u>Responsible Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
VEGP Security (cont)	Direct contact	1. Recreation area occupants
	Auto- dialer system and beeper system	1. Recall for emergency response personnel not on site



Approved by _____ Approved Date _____	<b>Vogtle Electric Generating Plant</b> <b>EMERGENCY NOTIFICATIONS</b>	Procedure Number <b>91002-C</b> Page Number <b>7 of 14</b>
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Sheet 2 of 4

**CHECKLIST 2 (EXAMPLE)**  
**EMERGENCY NOTIFICATION**

1. ☒ THIS IS A DRILL    ☐ ACTUAL EMERGENCY    ☐ INITIAL    ☐ FOLLOW-UP    MESSAGE NUMBER \_\_\_\_\_
2. SITE VOGTLE    UNIT: \_\_\_\_\_    REPORTED BY: \_\_\_\_\_
3. COMMUNICATOR  
 TRANSMITTAL/TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_    CONFIRMATION PHONE NUMBER: CHECK BOX  

☐ CONTROL ROOM    1-706-554-6782  
☐ TSC    1-706-826-3508  
☐ EOF    1-706-826-4367
4. AUTHENTICATION (If Required): \_\_\_\_\_  

Personnel
Contractor
5. EMERGENCY CLASSIFICATION:  
☒ NOTIFICATION OF UNUSUAL EVENT    ☐ ALERT    ☐ SITE AREA EMERGENCY    ☐ GENERAL EMERGENCY
6. ☒ Emergency Declaration At: ☐ Termination At: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (If E, go to Item 16.)
7. EMERGENCY DESCRIPTION/REMARKS: \_\_\_\_\_
8. PLANT CONDITION: ☒ IMPROVING    ☐ STABLE    ☐ DEGRADING
9. REACTOR STATUS: ☒ SHUTDOWN: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_    ☐ \_\_\_\_\_ % POWER
10. EMERGENCY RELEASE(S):  
☐ NONE (file to Item 14.)    ☐ POTENTIAL (file to Item 14.)    ☐ IS OCCURRING    ☐ HAS OCCURRED
11. TYPE OF RELEASE: ☐ ELEVATED    ☐ GROUND LEVEL  
☒ AIRBORNE: \_\_\_\_\_  
☐ LIQUID: \_\_\_\_\_
12. RELEASE MAGNITUDE: \_\_\_\_\_ CUBES PER SEC.    ☐ CUBES    NORMAL OPERATING LIMITS: ☐ BELOW    ☐ ABOVE  
☒ NOBLE GASES    ☐ IODINES  
☐ PARTICULATES    ☐ OTHER
13. ESTIMATE OF PROJECTED OFFSITE DOSE: ☐ NEW    ☐ UNCHANGED    PROJECTION TIME \_\_\_\_\_  

TIME  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

THYROID DOSE  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ESTIMATED DURATION \_\_\_\_\_ HRS.
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: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

\*If Items 6-14 have not changed, only Items 1-5 and 16-18 are required to be retransmitted.  
 Information may not be available on initial notification.

Printed June 29, 1994 at 13:31

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NRC FORM 801 3-89		U.S. NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER			
EVENT NOTIFICATION WORKSHEET					
NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	CALLER'S NAME	CALL BACK BY: EMS BY: 1	
EVENT TIME & ZONE	EVENT DATE	1-Hr Non-Emergency 10 CFR 50.72(b)(1)			
POWER MODE BEFORE POWER/MODE AFTER		1-1A1 TS Response S/D	ASNU	1-1A1 TS Response S/D	ASNU
		1-1B1 TS Detection	ADSV	1-1B1 TS Detection	ADSV
		1-1C1 Core Damage	ADCS	1-1C1 Core Damage	ADCS
		1-1D1 Uncontrolled Conduction	ADUA	1-1D1 Uncontrolled Conduction	ADUA
		1-1E1 Overheat Design Basis	ADUT	1-1E1 Overheat Design Basis	ADUT
EVENT CLASSIFICATIONS		4-Hr Non-Emergency 10 CFR 50.72(b)(2)			
GENERAL EMERGENCY	GEN/AASC	1-1F1 Reactor Control System	ACRC	1-1F1 Reactor Control System	ACRC
SITE AREA EMERGENCY	SIT/AASC	1-1G1 Containment	ANSA	1-1G1 Containment	ANSA
ALERT	ALS/AASC	1-1H1 Fuel	ARPL	1-1H1 Fuel	ARPL
UNUSUAL EVENT	UNR/AASC	1-1I1 Radiation	ARAD	1-1I1 Radiation	ARAD
10/12 NON-EMERGENCY (SEE NRC REGULATIONS)		1-1J1 Reactor	ARAC	1-1J1 Reactor	ARAC
PHYSICAL SECURITY (73.71)	Q777	1-1K1 Lightening	ANLI	1-1K1 Lightening	ANLI
TRANSPORTATION	TRA	1-1L1 Turbine	ARTO	1-1L1 Turbine	ARTO
MATERIAL EXPOSURE 5177/5777/5777		1-1M1 Over Reactor Pressure	ANOT	1-1M1 Over Reactor Pressure	ANOT
FITNESS FOR DUTY	WFT	1-1N1 ECCS Disruption 10 RCS	ACCS	1-1N1 ECCS Disruption 10 RCS	ACCS
OTHER	W777/5777/5777	1-1O1 Loss SMS	ANRS	1-1O1 Loss SMS	ANRS
		1-1P1 Loss Other Assumptions/Conditions	ANRC	1-1P1 Loss Other Assumptions/Conditions	ANRC
DESCRIPTION					
<p>REPORT: SYSTEMS PROVIDED, SITUATIONS &amp; OTHER UNUSUAL SITUATIONS, EVENTS, ACTIONS BY EVENT ON UNIT, RESOLVING SITUATION OF SITUATION, ETC.</p> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%) rotate(-45deg); font-size: 100px; opacity: 0.1; pointer-events: none;">EXAMPLE</div>					
NOTIFICATIONS	YES NO WILL BE	ANYTHING UNUSUAL OR NOT UNDER CONTROL?		YES (If answer unknown)	NO
NRC RESIDENT		DID ALL SYSTEMS FUNCTION AS REQUIRED?		YES	NO (If answer unknown)
STATE					
LOCAL					
OTHER GOV AGENCIES		MODE OF OPERATION	ESTIMATED	ADDITIONAL INFO ON PAGE	
MEDIA/PHOTO RELEASE		UNTIL CORRECTED	RESTART DATE	<input type="checkbox"/> YES <input type="checkbox"/> NO	

NRC FORM 801 12-89

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Vogtle Electric Generating Plant



EXAMPLE OF NRC OPERATIONS CENTER  
EVENT NOTIFICATION WORKSHEET

FIGURE E-2 (SHEET 1 OF 2)



RADIOLOGICAL RELEASES CHECK OR FILL IN APPLICABLE ITEMS (specify date and time of release and duration of release in minutes and seconds)																														
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED																									
MONITORED	UNMONITORED	OFFSITE RELEASE	TS EXCEEDED	RM ALARMS	AREAS EVACUATED																									
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED			Specify release date and time of release																									
Release Rate (Ci/sec)		% TS LIMIT	MOO GUIDE	Total Activity (Ci)	% TS LIMIT	MOO GUIDE																								
Release Gas			0.1 Ci/sec			1000 Ci																								
Release			10 uCi/sec			0.01 Ci																								
Particulate			1 uCi/sec			1 mCi																								
Liquid including effluent & secondary radio waste			10 uCi/sec			0.1 Ci																								
Liquid effluent			0.2 Ci/sec			3 Ci																								
Total Activity																														
<table border="1"> <thead> <tr> <th></th> <th>PLANT STACK</th> <th>CONDENSER AIR EJECTOR</th> <th>MAIN STEAM LINE</th> <th>SG BLOWDOWN</th> <th>OTHER</th> </tr> </thead> <tbody> <tr> <td>RAD MONITOR READINGS</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>ALARM SETPOINTS</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>% TS LIMIT (if applicable)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								PLANT STACK	CONDENSER AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER	RAD MONITOR READINGS						ALARM SETPOINTS						% TS LIMIT (if applicable)					
	PLANT STACK	CONDENSER AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER																									
RAD MONITOR READINGS																														
ALARM SETPOINTS																														
% TS LIMIT (if applicable)																														
RCS OR SG TUBE LEAKS CHECK OR FILL IN APPLICABLE ITEMS (specify date and time of leak and duration of leak in minutes and seconds)																														
LOCATION OF THE LEAK (e.g., SG #, main pipe, etc.)																														
LEAK RATE	UNITS: gpm/gal	TS LIMITS	SUDDEN OR LONG TERM DEVELOPMENT																											
LEAK START DATE	TIME	COOLANT ACTIVITY & UNITS: PRIMARY -		SECONDARY -																										
LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL																														
EVENT DESCRIPTION (Continued from front)																														

U.S. GOVERNMENT PRINTING OFFICE: 1989-1-200-100

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Vogtle Electric Generating Plant


EXAMPLE OF NRC OPERATIONS CENTER  
EVENT NOTIFICATION WORKSHEET

FIGURE E-2 (SHEET 2 OF 2)



**SECTION E**  
**REVISION 20**



Approves by	Vogtle Electric Generating Plant 	Procedure Number 91002-C	Rev 27
Approval Date	EMERGENCY NOTIFICATIONS		Page Number 7 of 14

Sheet 2 of 4

**CHECKLIST 2 (EXAMPLE)  
EMERGENCY NOTIFICATION**

1. ☒ THIS IS A DRILL ☐ ACTUAL EMERGENCY ☐ INITIAL ☐ FOLLOW-UP MESSAGE NUMBER \_\_\_\_\_

2. SITE VOGTLE UNIT: \_\_\_\_\_ REPORTED BY: \_\_\_\_\_

3. COMMUNICATOR  
TRANSMITTAL/TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ CONFIRMATION PHONE NUMBER: CHECK BOX  
(Daytime) (noon) (dial) (77)

4. AUTHENTICATION (If Required): \_\_\_\_\_  
(phonetic) (Code word)

☐ 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 10.)  
(Daytime) (noon) (dial) (77)

7. EMERGENCY DESCRIPTION/REMARKS: \_\_\_\_\_

8. PLANT CONDITION: ☒ IMPROVING ☐ STABLE ☐ DEGRADING

9. REACTOR STATUS: ☒ SHUTDOWN: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ ☐ \_\_\_\_\_ % POWER  
(Daytime) (noon) (dial) (77)

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: Start/Time (Daytime) Stop/Time (Daytime) Date \_\_\_\_\_  
☐ LIQUID: Start/Time (Daytime) Stop/Time (Daytime) 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 \_\_\_\_\_ (Daytime)  
TEOE Thyroid COE  
dose rate

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) (Daytime) (noon) (dial) (77)

\*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.

Printed June 29, 1994 at 13:21

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Georgia Power 

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
MESSAGE FOR STATE AND LOCAL  
RESPONSE AGENCIES

FIGURE E-1



Approved by	Vogtle Electric Generating Plant 	Procedure Number 91002-C	Rev 27
Approval Date	EMERGENCY NOTIFICATIONS	Page Number 10 of 14	

Sheet 1 of 3

### CHECKLIST 3

### NRC NOTIFICATION CHECKLIST

#### NOTE

Assign operations personnel to complete this checklist in accordance with the following instructions. Obtain radiological information from Health Physics or Chemistry personnel as appropriate.

#### 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.

#### NOTE

If no response on the ENS is obtained, use a commercial line and one of the following numbers:

Primary - (301) 816-5100  
Backup - (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.

Printed June 29, 1994 at 13:27

REV 20 7/94

Georgia Power



VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC NOTIFICATION  
CHECKLIST

FIGURE E-2 (SHEET 1 OF 3)



**SECTION E**  
**REVISION 19**



## E. NOTIFICATION METHODS AND PROCEDURES

This section describes the plan for notification of onsite and offsite Vogtle Electric Generating Plant (VEGP) response personnel and State, local, and Nuclear Regulatory Commission (NRC) emergency response centers. Actual methods and sequencing of notifications are covered in appropriate implementation procedures (Procedure 91002-C, Emergency Notifications, and Procedure 91204-C, Emergency Response Communications). Tables E-1 and E-2 and figure E-1 present the initial notification concept.

### E.1 Notification of VEGP Personnel

The emergency director is responsible for classifying an event (section D) into the appropriate emergency class and then notifying onsite personnel accordingly. This notification will involve sounding the appropriate plant emergency alarm signal, making appropriate announcements over the plant public address system, and using the plant telephone system.

The primary means for notification of personnel within the protected area is the public address (PA) system. Upon declaration of a Notification of Unusual Event (NUE), an Alert, a Site Area Emergency, or a General Emergency, the emergency director will order an announcement of the emergency class over the PA system and follow the announcement by sounding a specific tone signal for the emergency.

The tone signals for each of these classes of emergency conditions, as well as for a fire, are as follows:

- NUE: announcement only, no tone signal.
- Alert: warble tone.
- Site Area Emergency: pulse tone.
- General Emergency: yelp tone.
- Fire: siren tone.

The supervisor <sup>the</sup> nuclear security is responsible for notifying ~~the~~ Plant Wilson, training center, the visitors center, and recreation park staff. All visitors at the visitors center will leave the site if directed by the emergency director or if a Site Area or General Emergency is declared. Security will activate the site siren to notify personnel on site, outside the protected area of an evacuation order.

REV 0	11/30/84	REV 10	2/88
REV 1	5/85	REV 11	1/89
REV 2	11/85	REV 12	4/90
F-1 REV 5	2/86	REV 19	1/94



## E.2 Notification of State and Local Response Personnel

The emergency director is responsible for the completion of the Initial Message Form (see figure E-1 for a sample form) and for the notification of the following within 15 min of the declaration of an emergency:

- Georgia Emergency Management Agency Emergency Operations Center (EOC) communicator.
- Burke County Emergency Operations Center (EOC) communicator.
- South Caro. Highway Patrol dispatcher.
- Aiken County sheriff dispatcher.
- Barnwell County sheriff dispatcher.
- Allendale County Law Enforcement Center.
- Department of Energy - Savannah River (DOE-SR) Operations Center communicator.

These agencies will be responsible for notifying appropriate response personnel in accordance with their emergency plans and procedures. A dedicated telephone system, known as the Emergency Notification Network (ENN), will normally be used to accomplish these notifications. Section F describes the ENN and backup means of communication. Figure E-1 presents the sample initial message form for making notifications to these response centers. This form has been developed in conjunction with appropriate offsite agencies.

REV 0	11/30/84	REV 10	2/88	
REV 1	5/85	REV 11	1/89	
REV 2	11/85	REV 12	4/90	
REV 5	2/86	REV 14	12/91	
E-3	REV 6	7/86	REV 19	1/94



### E.3 Notification of Federal Agencies

The emergency director is responsible for ordering notification calls to the DOE-SR Operations Center by ENN and to the NRC Operations Center by the Emergency Notification System (ENS) or commercial telephone as backup within prescribed time constraints from the declaration of an emergency. Examples of the type of Initial Emergency Message Form used to provide the initial notification to the SRS Operations Center, and the NRC Operations Center Event Notification Form used for the NRC notification, are shown in figures E-1 and E-2, respectively.

### E.4 Notification of the Public

It is the responsibility of VEGP to provide adequate means for notifying the public, or to be assured that such means are provided. In case of an emergency, State and local agencies are responsible for activating the alert notification system. Administrative and physical means have been established for providing early initial warning and subsequent clear instructions to the populace within the plume exposure pathway emergency planning zone (EPZ). The alert notification system, except for the Savannah River Site (SRS), is described in appendix 3; this system has the capability to complete the initial alert notification of residents within the plume EPZ in about 15 min. Followup messages can be delivered to the public over commercial broadcast stations using the Emergency Broadcast System (EBS).

In the event that an emergency is declared at the Vogtle Electric Generating Plant (VEGP), DOE-SR has agreed to provide for the prompt notification of all persons on the SRS within VEGP's plume exposure pathway EPZ. See appendix 5.

REV 0	11/30/84	REV 11	1/89
REV 1	5/85	REV 12	4/90
REV 2	11/85	REV 14	12/91
E-4 REV 5	2/86	REV 19	1/94



VEGP will provide offsite authorities with supporting information for their messages to the public. Such messages, consistent with the emergency classification scheme, will provide the public with instructions in regard to specific protective actions to be taken by occupants of affected areas.

#### E.5 Followup Emergency Messages

The emergency director is responsible for the completion of a followup emergency message. (See figure E-1, sample form.) The appropriate support coordinator will ensure the emergency communicator(s) periodically provide followup messages to the appropriate offsite Federal, State, and local authorities.

#### E.6 Verification of Notification Messages

All notification messages must be verified. When the ENN is used, verification is accomplished by roll call. This is a suitable mechanism, since the ENN is a multiparty dedicated telephone line. When commercial telephone or radio is used for notification, the called party will contact the Vogtle Electric Generating Plant to verify the validity of the message or use the authentication system provided by the State of South Carolina EPD.

K:\WP\VOGTLE\EMERPLAN\SEC-E

REV 0	11/30/84
REV 1	5/85
REV 2	11/85
REV 5	2/86
REV 10	2/88
REV 12	4/90
REV 18	5/93
REV 19	1/94



TABLE E-1 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
NORMAL WORKING HOURS

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
Emergency director (or designated communicator)	PA system	Protected area and Admin Bldg personnel
Security Department	Plant telephone system	1. Visitors center personnel 2. Training center personnel 3. Personnel onsite, outside protected area 4. Plant Wilson Personnel
	Direct contact	Recreation area occupants
Emergency director (or designated communicator)	ENN	1. GEMA Operations Center communicator 2. Burke County EOC communicator 3. SRS Operations Center communicator 4. South Carolina Highway Patrol dispatcher 5. Aiken County sheriff dispatcher 6. Barnwell County sheriff dispatcher 7. Allendale County Law Enforcement Center

REV 0	11/30/84	REV 12	4/90
REV 5	2/86	REV 14	12/91
REV 6	7/86	REV 19	1/94
REV 11	1/89		



TABLE E-2 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
BACKSHIFT HOURS

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
Emergency director (via designated communicators)	Public address system	1. Protected area personnel
	Plant telephone system and beeper system	1. Vogtle duty manager
	ENN	1. GEMA Operations Center communicator 2. Burke County EOC communicator 3. SRS communicator 4. South Carolina Highway Patrol dispatcher 5. Aiken County sheriff dispatcher 6. Barnwell County sheriff dispatcher 7. Allendale County Law Enforcement Center
Vogtle duty manager	ENS	1. NRC Operations Center
	Plant telephone system	1. On call project manager
VEGP security	Plant telephone system	1. Visitors center personnel
		2. Training center personnel
		3. Personnel onsite, outside protected area
		4. Plant Wilson

REV 0	11/30/84	REV 11	1/89
REV 2	11/85	REV 14	12/91
REV 5	2/86	REV 19	1/94
REV 6	7/86		



TABLE E-2 (SHEET 2 OF 2)

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
VEGP Security (cont)	Direct contact	1. Recreation area occupants
	Auto- dialer system and beeper system	1. Recall for emergency response personnel not on site

REV 0 11/30/84  
 REV 2 11/85  
 REV 5 2/86  
 REV 6 7/86  
 REV 10 2/88  
 REV 11 1/89  
 REV 12 4/90  
 REV 19 1/94



# EMERGENCY NOTIFICATION

☒ THIS IS A DRILL ☐ ACTUAL EMERGENCY ☐ INITIAL ☐ FOLLOW-UP MESSAGE NUMBER

1. SITE: VOGTLE UNIT:            REPORTED BY:           

2. COMMUNICATOR           

3. TRANSMITTAL TIME/DATE:            CONFIRMATION PHONE NUMBER: 1-706-554-6782

4. AUTHENTICATION (If Required):           

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.)

7. EMERGENCY DESCRIPTION/REMARKS:           

8. PLANT CONDITION: ☒ IMPROVING ☐ STABLE ☐ DEGRADING

9. REACTOR STATUS: ☒ SHUTDOWN TIME/DATE:            ☐            % POWER

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: Start:            End:            Direction:             
☐ LIQUID: Start:            End:            Direction:           

12. RELEASE MAGNITUDE: ☐ CURIES PER SEC ☐ CURIES NORMAL OPERATING LIMITS: ☐ BELOW ☐ ABOVE  
☒ NOBLE GASES ☐ IODINES             
☐ IODINE/NOBLE GAS RATIO (If available) ☐ OTHER           

13. ESTIMATE OF PROTECTED OFFSITE DOSE: ☐ NEW ☐ UNCHANGED ESTIMATED DURATION:            HRS  

	Wholebody DOSE RATE (mrem/hr)	Child Thyroid DOSE RATE (mrem/hr)	Wholebody DOSE (mrem)	Child Thyroid DOSE (mrem)
SITE BOUNDARY	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
2 MILES	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
5 MILES	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
10 MILES	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

14. METEOROLOGICAL DATA: ☒ WIND DIRECTION (From)            ° ☐ SPEED (mph)             
☐ STABILITY CLASS            ☐ PRECIPITATION (in/hr)           

15. RECOMMENDED PROTECTIVE ACTIONS:  
☒ NO RECOMMENDED PROTECTIVE ACTIONS  
☐ EVACUATE             
☐ SHELTER-IN-PLACE             
☐ OTHER           

16. APPROVED BY:            EMERGENCY DIRECTOR TIME/DATE:           

\* If Station 6-14 have not changed, only Station 1-7 and 15-16 are required to be completed.  
 \*\* Information should not be available on initial notification.

Form No. E-2317 (5/78)

REV 0 11/84 REV 12 4/90  
 REV 5 2/86 REV 14 12/91  
 REV 6 7/86 REV 18 5/93  
 REV 10 2/88 REV 19 1/94

Georgia Power

VOGTLE  
 ELECTRIC GENERATING PLANT  
 UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
 MESSAGE FOR STATE AND LOCAL  
 RESPONSE AGENCIES

FIGURE E-1



### CHECKLIST 3

### NRC NOTIFICATION CHECKLIST

#### NOTE

Assign an operator to complete this checklist in accordance with the following instructions. Obtain radiological information from Health Physics or Chemistry personnel as appropriate.

#### 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.

#### NOTE

If no response on the ENS is obtained, use a commercial line and one of the following numbers:

(301) 951-0550 (301) 427-3259  
(301) 492-8893 (301) 427-3036

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

~~THIS IS NOT (cross out) A DRIFT~~

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) 492-8187 or (301) 492-4983.

#### 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.

Printed August 27, 1993 at 12:38

REV 0 11/84  
REV 10 2/88  
REV 12 4/90  
REV 14 12/91  
REV 19 1/94

Georgia Power



VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC NOTIFICATION  
CHECKLIST

FIGURE E-2 (SHEET 1 OF 2)



# EVENT NOTIFICATION WORKSHEET

U.S. NUCLEAR REGULATORY COMMISSION  
OPERATIONS CENTER

NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	CALLER'S NAME	CALL BACK #	EXT

EVENT TIME & ZONE	EVENT DATE	1-Hr Non-Emergency 10 CFR 50.72(b)(1)		4-Hr Non-Emergency 10 CFR 50.72(b)(2)	
POWER/MODE BEFORE	POWER/MODE AFTER	(1) TS Reactor S/D	ASNU	(1) Emergency S/D	ASAS
		(2) TS Deviation	ADSV	(2) Core Gas	ASFR
		(3) Emergency Core Isolation	ADCG	(3) Rod Release	ASRE
		(4) Unusual Core Conditions	ADCA	(4) On Handover S/D	ASRO
		(5) Outside Design Basis	ADUT		
		(6) Not Covered by OPR/EP	ACNC	(5) Core S/D	ASAS
		(7) Earthquake	ANSA	(6) EPS Activation (Alarm)	ASPS
		(8) Flood	ANFL	(7) ESP Activation	ASFP
		(9) Hurricane	ANHU	(8) S/D	ASRA
		(10) Seismic	ANHC	(9) S/D	ASRA
		(11) Airborne	ANLI	(10) Rod Release	ASRE
		(12) Offsite	ANTO	(11) Control Rod Release	ASRC
		(13) On Natural Phenomenon	ANNT	(12) Accidents Mitigation	ASMD
		(14) ECCS Discharge to RCS	ACCS	(13) Air Release / IX App 8	ASIR
		(15) Loss of BWR	ASMS	(14) Loss of BWR / IX App 8	ASLD
		(16) Other Agreement/Condition	ASRC	(15) Offsite Notification	ASRE

DESCRIPTION  
Include: Division affected, circumstances & other activating signals, causes, effect of event on plant, decision taken by operator, etc.

EXAMPLE

NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES	NO
NRC RESIDENT					(If answer above)	
STATE				DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES	NO
LOCAL					(If answer above)	
OTHER GOV AGENCIES				MODE OF OPERATION	YES	NO
MEDIA/PRESS RELEASE				UNTIL CORRECTED:		(If answer above)
				ESTIMATED RESTART DATE:	ADDITIONAL INFO ON BACK	
					YES NO	

REV 0 11/84  
REV 10 2/88  
REV 12 4/90  
REV 19 1/94

Georgia Power

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC OPERATIONS  
CENTER EVENT NOTIFICATION  
WORKSHEET

FIGURE E-2 (SHEET 2 OF 2)



**SECTION E**  
**REVISION 18**



GPC will provide offsite authorities with supporting information for their messages to the public. Such messages, consistent with the emergency classification scheme, will provide the public with instructions in regard to specific protective actions to be taken by occupants of affected areas.

#### E.5 Followup Emergency Messages

The emergency director is responsible for the completion of a followup emergency message. (See figure E-1, sample form.) The appropriate support coordinator will ensure the emergency communicator(s) periodically provide followup messages to the appropriate offsite Federal, State, and local authorities.

10  
12

#### E.6 Verification of Notification Messages

All notification messages must be verified. When the ENN is used, verification is accomplished by roll call. This is a suitable mechanism, since the ENN is a multiparty dedicated telephone line. When commercial telephone or radio is used for notification, the called party will contact the Vogtle Electric Generating Plant to verify the validity of the message ~~x~~ OR use the authentication system provided by the State of South Carolina EPD.



PLACE MOST RECENT REVISION HERE

PROCEDURE NO <b>VECP</b>	REVISION <b>21 22</b>	PAGE NO <b>9 of 14</b>
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Sheet 4 of 4

**CHECKLIST 2**  
**DIRECTIONS FOR COMMUNICATORS**

**NOTE**

Notifications **MUST** be made within 15 minutes of event declaration.

The Faxchange should be used in parallel with the voice circuits in the priority listed below.

1. ERM
2. Backup ERM
3. Commercial telephones
4. Radios:
  - Use Burke County radio in TEC (ask Burke County to notify GEMA).
  - Use SES radio in TEC (Freq. 1, ask SES to notify other South Carolina agencies).

**A. INITIAL ROLL CALL TO BE COMPLETED AS SOON AS POSSIBLE.**  
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)

<input type="checkbox"/> Burke County	<input type="checkbox"/> Aiken County	<input checked="" type="checkbox"/> Allendale County
<input type="checkbox"/> GEMA	<input checked="" type="checkbox"/> Savannah River Site	<input type="checkbox"/> Barnwell County
		<input type="checkbox"/> State of South Carolina

If ANY agency fails to respond **IMMEDIATELY** notify the ED.

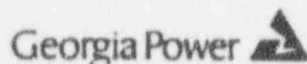
**NOTE**

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

**B. NOTIFICATION MESSAGE TRANSMISSION:**

1. Transmit the completed notification form via voice and record acknowledgment on the back of the form.
2. Simultaneously, transmit the completed notification form via Facsimile (Faxchange).
3. For ALERT and higher
  - a. Maintain communications with offsite agencies (Georgia, 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 10 minutes.

REV 0 11/84  
REV 10 2/88  
REV 12 4/90  
REV 14 12/91



VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2


EXAMPLE OF INITIAL EMERGENCY  
MESSAGE FOR STATE AND LOCAL  
RESPONSE AGENCIES

FIGURE E-1 (SHEET 1 OF 2)



Page 20 of 30

Sheet 2 of 4

Georgia Power 

EXAMPLE OF INITIAL EMERGENCY  
MESSAGE FOR STATE AND LOCAL  
RESPONSE AGENCIES

4.3.3-9



**SECTION E**  
**REVISION 14**



## E.2 Notification of State and Local Response Personnel

The emergency director is responsible for the completion of the Initial Message Form (see figure E-1 for a sample form) and for the notification of the following within 15 min of the declaration of an emergency:

- Georgia Emergency Management Agency Emergency Operations Center (EOC) Communicator.
- Burke County Emergency Operations Center (EOC) communicator.
- South Carolina highway patrol dispatcher.
- Aiken County ~~Law Enforcement Center dispatcher~~ *Sheriff Dispatcher*
- Barnwell County sheriff dispatcher.
- Allendale County ~~sheriff dispatcher~~ *Low Enforcement Center.*
- Department of Energy - Savannah River (DOE-SR) ~~Emergency Operations Center (EOC)~~ Communicator.

These agencies will be responsible for notifying appropriate response personnel in accordance with their emergency plans and procedures. A dedicated telephone system, known as the Emergency Notification Network (ENN), will normally be used to accomplish these notifications. Section F describes the ENN and backup means of communication. Figure E-1 presents the sample initial message form for making notifications to these response centers. This form has been developed in conjunction with appropriate agencies.

REV 0 11/30/84  
 REV 1 5/85  
 REV 2 11/85  
 REV 5 2/86  
 REV 6 7/86  
 REV 10 2/88  
 REV 11 1/89  
 REV 12 4/90



### E.3 Notification of Federal Agencies

The emergency director <sup>Operations Center</sup> is responsible for ordering notification calls to the DOE-SR ~~EOG~~ by ENN and to the NRC Operations Center by the Emergency Notification System (ENS) or commercial telephone as backup within prescribed time constraints from the declaration of an emergency. Examples of the type of Initial Emergency Message Form used to provide the initial notification to the SRS Operations Center, and the NRC Operations Center Event Notification Form used for the NRC notification are shown in figures E-1 and E-2, respectively.

|11

|11 |12

### E.4 Notification of the Public

~~Although~~ <sup>are</sup> it is the responsibility of GPC to provide adequate means for notifying the public, or to be assured that such means are provided. In case of an emergency, State and local agencies ~~or responsible authorities are accountable~~ for activating the alert notification system. Administrative and physical means have been established for providing early initial warning and subsequent clear instructions to the populace within the plume exposure pathway emergency planning zone (EPZ). The alert notification system, except for the Savannah River Site (SRS), is described in appendix 3; this system has the capability to complete the initial notification of residents within the plume EPZ in about 15 min. Followup messages can be delivered to the public over commercial broadcast stations using the Emergency Broadcast System (EBS).

|12

|12

<sup>akert</sup>  
In the event that an emergency is declared at the Vogtle Electric Generating Plant (VEGP), DOE-SR has agreed to provide for the prompt notification of all persons on the SRS within VEGP's plume exposure pathway EPZ. See appendix 5.

|12

REV 0 11/30/84  
REV 1 5/85  
REV 2 11/85  
REV 5 2/86  
REV 11 1/89  
REV 12 4/90



TABLE E-1 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
NORMAL WORKING HOURS

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>	
Emergency director (or designated communicator)	PA system	Protected area and Admin Bldg personnel	11 12
Security Department	Plant telephone system	1. Visitors center personnel 2. Training center personnel 3. Personnel onsite, outside protected area	11 12
	Direct contact	Recreation area occupants	
Emergency director (or designated communicator)	Plant telephone system	Plant Wilson personnel	
	ENN	<i>Operations Center</i> 1. GEMA EOC Communicator 2. Burke County EOC communicator 3. SRS <del>EOC</del> Communicator 4. South Carolina highway patrol dispatcher 5. Aiken County <del>Law Enforcement</del> <i>Sheriff</i> <del>ment Center</del> dispatcher 6. Barnwell County sheriff dispatcher 7. Allendale County <del>sheriff</del> <del>dispatcher</del> <i>Law Enforcement Center</i>	11 12

REV 0 11/30/84  
REV 5 2/86  
REV 6 7/86  
REV 11 1/89  
REV 12 4/90



TABLE E-2 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
BACKSHIFT HOURS

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>	
Emergency director (via designated communicators)	Public address system	Protected area personnel	
			11
	Plant telephone system and beeper system	1. Vogtle duty manager	
		2. Plant Wilson manager	12
	ENN	<i>Operations Center</i>	
		1. GEMA EOC communicator	11
		2. Burke County EOC communicator	
		3. SRS EOC communicator	11 12
		4. South Carolina highway patrol dispatcher	
		5. Aiken County <del>law</del> Sheriff Enforcement Center dispatcher	11
		6. Barnwell County sheriff dispatcher	
		7. Allendale County <del>sheriff</del> Law dispatcher Enforcement Center	
Vogtle duty manager	ENS	1. NRC Operations Center	
	Plant telephone system	1. On call project manager	11 12
VEGP security	Plant telephone system	1. Visitors center personnel	
		2. Training center personnel	
		3. Personnel onsite, outside protected area	11 12

REV 0 11/30/84  
 REV 2 11/85  
 REV 5 2/86  
 REV 6 7/86  
 REV 11 1/89  
 REV 12 4/90



See attached

PROCEDURE NO. VEGP	91002-C	REVISION 14	PAGE NO 9 of 16
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Sheet 1 of 3

**CHECKLIST 2**

**EMERGENCY NOTIFICATION MESSAGE FOR  
STATE AND LOCAL RESPONSE AGENCIES**

**A. INSTRUCTIONS:**

1. Complete as much of the information on this form as possible.
2. Have Emergency Director sign the form to authorize release.
3. These notifications **MUST** be made within 15 minutes of event classification.
4. Use communication circuits in the following order of priority:
  - a. EMM (broadcast to all stations simultaneously)
  - b. SC Backup EMM (Two digit phone numbers found in Emergency Response Directory)
  - c. Commercial telephones (Phone numbers in Emergency Response Directory)
  - d. Radios:
    1. Use SFP radio in TSC (Freq. 1, ask SFP to notify other South Carolina agencies).
    2. Use Burke County radio in TSC (ask Burke County to notify the Georgia Emergency Management Agency).

**B. INITIAL 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)


<input type="checkbox"/> Savannah River Plant	<input type="checkbox"/> Alcon County
<input type="checkbox"/> State of South Carolina	<input type="checkbox"/> Allendale County
<input type="checkbox"/> Georgia Emergency Management Agency	<input type="checkbox"/> Buford County
<input type="checkbox"/> Burke County	

**C. NOTIFICATION MESSAGE TRANSMISSION:** Transmit complete notification form, obtain roll call and record acknowledgments.

**NOTE**

The Emergency Notification Message for State and Local Response Agencies (Sheet 2 and 3 of 3) Checklist 2, of this procedure is a reproduction of the actual form. The actual form should be used, although reproduction of the form in this procedure is authorized.

REV 0 11/94  
REV 10 2/33  
REV 12 4/90

Georgia Power 

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
MESSAGE FOR STATE AND LOCAL  
RESPONSE AGENCIES

FIGURE E-1 (SHEET 1 OF 3)



Sheet 4 of 4

CHECKLIST 2DIRECTIONS FOR COMMUNICATORSNOTE

Notifications MUST be made within 15 minutes of event declaration.

The FaxXchange should be used in parallel with the voice circuits in the priority listed below.

1. ENN
2. Backup ENN
3. Commercial telephones
4. Radios:
  - o Use Burke County radio in TSC (ask Burke County to notify GEMA).
  - o Use SRS radio in TSC (Freq. 1, ask SRS to notify other South Carolina agencies).

A. INITIAL ROLL CALL TO BE COMPLETED AS SOON AS POSSIBLE.

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)

- |                                       |   |  |
|---------------------------------------|---|--|
| <input type="checkbox"/> Burke County | <input type="checkbox"/> Aiken County           | <input type="checkbox"/> Allendale County        |
| <input type="checkbox"/> GEMA         | <input type="checkbox"/> Savannah River<br>Site | <input type="checkbox"/> Barnwell County         |
|                                       |   | <input type="checkbox"/> State of South Carolina |

If ANY agency fails to respond IMMEDIATELY notify the ED.

NOTE

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

B. NOTIFICATION MESSAGE TRANSMISSION:

1. Transmit the completed notification form via voice and record acknowledgement on the back of the form.
2. Simultaneously, transmit the completed notification form via Facsimile (FaxXchange).
3. For ALERT and higher
  - a. Maintain communications with offsite agencies (Georgia, 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 30 minutes.



See attached

PROCEDURE NO VEGP	REVISION 91002-C	PAGE NO 14	PAGE NO 10 of 15
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Sheet 2 of 3

**D. EMERGENCY NOTIFICATION**

1. ☐ THIS IS A DRILL      ☒ THIS IS AN ACTUAL EMERGENCY

2. AUTHENTICATION: \_\_\_\_\_ (Number) \_\_\_\_\_ (Code word)

3. TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ REPORTED BY: \_\_\_\_\_

4. SITE: \_\_\_\_\_ VOGTLE UNIT: \_\_\_\_\_ CONFIRMATION PHONE NUMBER: 1-404-564-6702

5. EMERGENCY CLASSIFICATION:  
☒ NOTIFICATION OF UNUSUAL EVENT    ☐ ALERT    ☐ SITE AREA EMERGENCY    ☐ GENERAL EMERGENCY

6. ☐ EMERGENCY DECLARATION AT: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
☐ EMERGENCY TERMINATION AT: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (If B, go to Item 10.)

7. EMERGENCY DESCRIPTION: \_\_\_\_\_

8. PLANT CONDITION: ☐ IMPROVING    ☐ STABLE    ☐ DEGRADING    ☐ UNDETERMINED

9. EMERGENCY INVOLVED:  
☐ NO RELEASE (If A, go to Item 10.)    ☐ A RELEASE IS OCCURRING: Started \_\_\_\_\_ Expected Duration \_\_\_\_\_  
☐ POTENTIAL RELEASE    ☐ A RELEASE HAS OCCURRED: Started \_\_\_\_\_ Expected \_\_\_\_\_

10. TYPE OF RELEASE: ☐ ELEVATED    ☒ GROUND LEVEL  
☐ RADIOACTIVE GASES    ☐ RADIOACTIVE PARTICULATES  
☐ RADIOACTIVE LIQUIDS    ☐ OTHER: \_\_\_\_\_

11. RELEASE: ☐ RELEASE PER MISC. \_\_\_\_\_  
☐ RELEASE SOURCE \_\_\_\_\_  
☐ RELEASE SOURCE (If A, go to Item 10.)    ☐ OTHER: \_\_\_\_\_

12. REACTOR STATUS: ☐ SHUT DOWN    TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ ☐ % POWER

13. ESTIMATE OF EXPOSED OFFSITE DOSE: ☐ NEW    ☐ UNCHANGED    DURATION: \_\_\_\_\_ HRS.

Distance	Windward	Windward	Windward	Windward
0 to 1 mile	1 to 2 miles	2 to 3 miles	3 to 4 miles	4 to 5 miles
0 to 1 mile	1 to 2 miles	2 to 3 miles	3 to 4 miles	4 to 5 miles
0 to 1 mile	1 to 2 miles	2 to 3 miles	3 to 4 miles	4 to 5 miles
0 to 1 mile	1 to 2 miles	2 to 3 miles	3 to 4 miles	4 to 5 miles

14. METEOROLOGICAL DATA: ☐ NOT AVAILABLE  
☐ WIND DIRECTION (from) \_\_\_\_\_ °    ☐ STABILITY CLASS \_\_\_\_\_  
☐ WIND SPEED (mph) \_\_\_\_\_    ☐ PRECIPITATION (type) \_\_\_\_\_

15. RECOMMENDED PROTECTIVE ACTIONS:  
☐ NO RECOMMENDED PROTECTIVE ACTIONS  
☐ SHELTER  
☐ EVACUATE  
☐ OTHER: \_\_\_\_\_

16. APPROVED BY: \_\_\_\_\_ (Name) \_\_\_\_\_ (Title) TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

REV 0 11/84  
 REV 5 2/36  
 REV 6 7/86  
 REV 10 2/88  
 REV 12 4/90

Georgia Power

VOGTLE  
 ELECTRIC GENERATING PLANT  
 UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
 MESSAGE FOR STATE AND LOCAL  
 RESPONSE AGENCIES

FIGURE E-1 (SHEET 2 OF 2)



Sheet 2 of 4

## CHECKLIST 2

## EMERGENCY NOTIFICATION

1 ☐ A THIS IS A DRILL ☐ B ACTUAL EMERGENCY ☐ INITIAL ☐ FOLLOW-UP MESSAGE NUMBER \_\_\_\_\_

2 SITE VOGTLE UNIT: \_\_\_\_\_ REPORTED BY: \_\_\_\_\_ (Name)

3 COMMUNICATOR \_\_\_\_\_

3 TRANSMITTAL/TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (Eastern) min dd yy CONFIRMATION PHONE NUMBER: 1-404-554-6762

4 AUTHENTICATION (If Required): \_\_\_\_\_ (Number) \_\_\_\_\_ (Code word)

5 EMERGENCY CLASSIFICATION:

☐ A NOTIFICATION OF UNUSUAL EVENT ☐ B ALERT ☐ C SITE AREA EMERGENCY ☐ D GENERAL EMERGENCY

6 ☐ A Emergency Declaration At: ☐ B Termination At: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (Eastern) min dd yy (If B, go to Item 16.)

7 EMERGENCY DESCRIPTION/REMARKS: \_\_\_\_\_

8 PLANT CONDITION: ☐ A IMPROVING ☐ B STABLE ☐ C DEGRADING

9 REACTOR STATUS: ☐ A SHUTDOWN: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (Eastern) min dd yy ☐ B \_\_\_\_\_ % POWER

10 EMERGENCY RELEASE(S):

☐ A NONE (Go to Item 14.) ☐ B POTENTIAL (Go to Item 14.) ☐ C IS OCCURRING ☐ D HAS OCCURRED

11 TYPE OF RELEASE: ☐ ELEVATED ☒ GROUND LEVEL

☐ A AIRBORNE: Started: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time (Eastern) Date Stopped: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time (Eastern) Date

☐ B LIQUID: Started: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time (Eastern) Date Stopped: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time (Eastern) Date

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

☐ A NOBLE GASES \_\_\_\_\_ ☐ B IODINES \_\_\_\_\_

☐ C IODINE/NOBLE GAS RATIO (If available) \_\_\_\_\_ ☐ D OTHER \_\_\_\_\_

13 ESTIMATE OF PROJECTED OFFSITE DOSE: ☐ NEW ☐ UNCHANGED ESTIMATED DURATION: \_\_\_\_\_ HRS

	Wholebody DOSE RATE (mrem/hr)	Child Thyroid DOSE RATE (mrem/hr)	Wholebody DOSE (mrem)	Child Thyroid DOSE (mrem)
SITE BOUNDARY				
2 MILES				
5 MILES				
10 MILES				

14 METEOROLOGICAL DATA: ☐ A WIND DIRECTION (From) \_\_\_\_\_ ° ☐ B SPEED (mph) \_\_\_\_\_

☐ C STABILITY CLASS \_\_\_\_\_ ☐ D PRECIPITATION (type) \_\_\_\_\_

15 RECOMMENDED PROTECTIVE ACTIONS:

☐ A NO RECOMMENDED PROTECTIVE ACTIONS

☐ B EVACUATE \_\_\_\_\_

☐ C SHELTER-IN-PLACE \_\_\_\_\_

☐ D OTHER \_\_\_\_\_

16 APPROVED BY: \_\_\_\_\_ (Name) EMERGENCY DIRECTOR \_\_\_\_\_ (Title) TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (Eastern) min dd yy

\* If Items 6-15 have not changed, only Items 1-7 and 16-18 are required to be completed.  
- Information may not be available on initial notification.

Form No. 0-0817 (2/82)



PROCEDURE NO <b>VEGP</b>	91802-C	REVISION 14	PAGE NO 11 of 16
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Sheet 3 of 3

GOVERNMENT AGENCIES NOTIFIED

Record the name, date, time and agency address

1.	(name)	State of Georgia
	(date)	(time)
		(agency)
2.	(name)	State of South Carolina
	(date)	(time)
		(agency)
3.	(name)	DOE - BRP
	(date)	(time)
		(agency)
4.	(name)	Berkley County, GA
	(date)	(time)
		(agency)
5.	(name)	Albemarle County, SC
	(date)	(time)
		(agency)
6.	(name)	Allendale County, SC
	(date)	(time)
		(agency)
7.	(name)	Barnwell County, SC
	(date)	(time)
		(agency)

*Handwritten signature*

EXAMPLE

REV 0 11/94  
 REV 5 2/96  
 REV 6 7/96  
 REV 10 2/89  
 REV 12 4/90



See attached

PROCEDURE NO VEGP	91002-C	REVISION 14	PAGE NO 12 of 16
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Sheet 1 of 3

CHECKLIST 3

NRC NOTIFICATION CHECKLIST

Initiate contact 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".

Note: If no response on the ENS is obtained, use a commercial line and one of the following numbers:


(301) 951-0530	(301) 427-4259
(301) 492-8893	(301) 427-4056

NOTE

The Event Notification Worksheet (NRC Form 361) in this procedure is a reproduction of the actual NRC form. The actual NRC Form 361 should be used, although reproduction of the form in this procedure is authorized.

EXAMPLE

REV 0 11/84  
REV 10 2/88  
REV 12 4/90

Georgia Power 

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC NOTIFICATION  
CHECKLIST

FIGURE E-2 (SHEET 1 OF 3)



Sheet 1 of 3

CHECKLIST 3NRC NOTIFICATION CHECKLIST

## NOTE

Assign an operator to complete this checklist in accordance with the following instructions. Obtain radiological information from Health Physics or Chemistry personnel as appropriate.

## 1. Initial Notification

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

## NOTE

If no response on the ENS is obtained, use a commercial line and one of the following numbers:

(301) 951-0550      (301) 427-4259  
(301) 492-8893      (301) 427-4056

- b. Initiate contact 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.

## 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 utilizing an Event Notification Worksheet. Upon activation of the TSC, the TSC Manager assumes the responsibility of communicating with the NRC.



**SECTION E**  
**REVISION 12**



## E. NOTIFICATION METHODS AND PROCEDURES

This section describes the plan for notification of onsite and offsite Georgia Power Company (GPC) response personnel and State, local, and Nuclear Regulatory Commission (NRC) emergency response centers. Actual methods and sequencing of notifications are covered in appropriate implementation procedures (Procedure 91002-C, Emergency Notifications, and Procedure 91204-C, Emergency Response Communications). Tables E-1 and E-2 and figure E-1 present the initial notification concept.

### E.1 Notification of GPC Personnel

The emergency director is responsible for classifying an event (section D) into the appropriate emergency class and then notifying onsite personnel accordingly. This notification will involve sounding the appropriate plant emergency alarm signal, making appropriate announcements over the plant public address system, and using the plant telephone system.

The primary means for notification of personnel within the protected area is the public address (PA) system. Upon declaration of a Notification of Unusual Event (NUE), an Alert, a Site Area Emergency, or a General Emergency, the emergency director will order an announcement of the emergency class over the PA system and follow the announcement by sounding a specific tone signal for the emergency.

The tone signals for each of these classes of emergency conditions, as well as for a fire, are as follows:

- NUE: announcement.
- Alert: warble tone.
- Site Area Emergency: pulse tone.
- General Emergency: yelp tone.
- Fire: siren tone.

The emergency director is responsible for notifying the Security Department and Plant Wilson. Plant radio services provide a backup to the telephone system for notification. The supervisor nuclear security is responsible for notifying the training center, the visitors center, and recreation park staff. All visitors at the center will leave the site if directed by the emergency director or if a Site Area or General Emergency is declared. Security will activate the site siren to notify personnel onsite, outside the protected area.

	REV 0	11/30/84	REV 10	2/88
	REV 1	5/85	REV 11	1/89
	REV 2	11/85	REV 12	4/90
E-1	REV 5	2/86		



The Security Department will also be responsible for evacuating all visitors and nonessential personnel from the Plant Vogtle Recreational Park and for the verification of the evacuation of all nonessential personnel from Plant Wilson, the training center, and the remaining areas inside the owner controlled area.

Visitors within the protected area are escorted by a permanently badged individual. This individual is responsible for informing the visitors of emergencies when they occur and for taking action to evacuate the visitors from the site, as necessary.

Plant and contractor personnel will be trained on actions to be taken in an emergency prior to their work assignment. Otherwise, they must be escorted by an individual who has been trained in emergency procedures. The training includes instructions on the methods of personnel notification and the required personnel actions in the event of an emergency.

Notification of the corporate staff is performed by the on call project manager as described in appendix 7. The on call project manager is notified by the Vogtle duty manager who receives notification from the emergency director.

After normal working hours the notification procedure includes notification of Emergency Response Personnel (ERO) not on site. This notification is accomplished by means of an autodialer system activated by security for all ERO personnel except Security, Maintenance, and Operations Department personnel. Personnel from these departments who are needed to augment shift resources will be notified by departmental personnel who are onshift.

REV 0	11/30/84	REV 10	2/88
REV 1	5/85	REV 11	1/89
REV 2	11/85	REV 12	4/90
E-2	REV 5	2/86	



## E.2 Notification of State and Local Response Personnel

The emergency director is responsible for the completion of the Initial Message Form (see figure E-1 for a sample form) and for the notification of the following within 15 min of the declaration of an emergency:

- Georgia Emergency Management Agency Emergency Operations Center (EOC) Communicator.
- Burke County Emergency Operations Center (EOC) communicator.
- South Carolina highway patrol dispatcher.
- Aiken County Law Enforcement Center dispatcher.
- Barnwell County sheriff dispatcher.
- Allendale County sheriff dispatcher.
- Department of Energy - Savannah River (DOE-SR) Emergency Operations Center (EOC) Communicator.

These agencies will be responsible for notifying appropriate response personnel in accordance with their emergency plans and procedures. A dedicated telephone system, known as the Emergency Notification Network (ENN), will normally be used to accomplish these notifications. Section F describes the ENN and backup means of communication. Figure E-1 presents the sample initial message form for making notifications to these response centers. This form has been developed in conjunction with appropriate agencies.

REV 0 11/30/84  
REV 1 5/85  
REV 2 11/85  
REV 5 2/86  
REV 6 7/86  
REV 10 2/88  
REV 11 1/89  
REV 12 4/90



### E.3 Notification of Federal Agencies

The emergency director is responsible for ordering notification calls to the DOE-SR EOC by ENN and to the NRC Operations Center by the Emergency Notification System (ENS) or commercial telephone as backup within prescribed time constraints from the declaration of an emergency. Examples of the type of Initial Emergency Message Form used to provide the initial notification to the SRS Operations Center, and the NRC Operations Center Event Notification Form used for the NRC notification are shown in figures E-1 and E-2, respectively.

|11

|11

### E.4 Notification of the Public

Although it is the responsibility of GPC to provide adequate means for notifying the public, or to be assured that such means are provided, in case of an emergency, State and local agencies or responsible authorities are accountable for activating the alert notification system. Administrative and physical means have been established for providing early initial warning and subsequent clear instructions to the populace within the plume exposure pathway emergency planning zone (EPZ). The alert notification system, except for the Savannah River Site (SRS), is described in appendix 3; this system has the capability to complete the initial notification of residents within the plume EPZ in about 15 min. Followup messages can be delivered to the public over commercial broadcast stations using the Emergency Broadcast System (EBS).

In the event that an emergency is declared at the Vogtle Electric Generating Plant (VEGP), DOE-SR has agreed to provide for the prompt notification of all persons on the SRS within VEGP's plume exposure pathway EPZ. See appendix 5.

REV 0 11/30/84  
REV 1 5/85  
REV 2 11/85  
REV 5 2/86  
REV 11 1/89  
REV 12 4/90



GPC will provide offsite authorities with supporting information for their messages to the public. Such messages, consistent with the emergency classification scheme, will provide the public with instructions in regard to specific protective actions to be taken by occupants of affected areas.

#### E.5 Followup Emergency Messages

The emergency director is responsible for the completion of a followup emergency message. (See figure E-1, sample form.) The appropriate support coordinator will ensure the emergency communicator(s) periodically provide followup messages to the appropriate offsite Federal, State, and local authorities.

#### E.6 Verification of Notification Messages

All notification messages must be verified. When the ENN is used, verification is accomplished by roll call. This is a suitable mechanism, since the ENN is a multiparty dedicated telephone line. When commercial telephone or radio is used for notification, the called party will contact the Vogtle Electric Generating Plant to verify the validity of the message.

0004v

REV 0 11/30/84  
REV 1 5/85  
REV 2 11/85  
REV 5 2/86  
REV 10 2/88  
REV 12 4/90



TABLE E-1 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
NORMAL WORKING HOURS

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>	
Emergency director (or designated communicator)	PA system	Protected area and Admin Bldg personnel	11
Security Department	Plant telephone system	1. Visitors center personnel	
		2. Training center personnel	
		3. Personnel onsite, outside protected area	11
	Direct contact	Recreation area occupants	
Emergency director (or designated communicator)	Plant telephone system	Plant Wilson personnel	
	ENN	1. GEMA EOC Communicator	11
		2. Burke County EOC communicator	
		3. SRS EOC Communicator	11
		4. South Carolina highway patrol dispatcher	
		5. Aiken County Law Enforce- ment Center dispatcher	
		6. Barnwell County sheriff dispatcher	
		7. Allendale County sheriff dispatcher	

REV 0 11/30/84  
REV 5 2/86  
REV 6 7/86  
REV 11 1/89  
REV 12 4/90



TABLE E-1 (SHEET 2 OF 2)

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
Emergency director (or designated communicator)(cont)	ENS	NRC Operations Center
Emergency director (or designated communicator)	Plant telephone system	Vogtle duty manager
Vogtle duty manager	Plant telephone system	On call project manager

11

1

11

REV 0 11/30/84  
 REV 1 5/85  
 REV 5 2/86  
 REV 10 2/88  
 REV 11 1/89  
 REV 12 4/90



TABLE E-2 (SHEET 1 OF 2)

INITIAL NOTIFICATION SYSTEM  
BACKSHIFT HOURS

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>	
Emergency director (via designated communicators)	Public address system	Protected area personnel	
	Plant telephone system and beeper system	1. Vogtle duty manager 2. Plant Wilson manager	11
	ENN	1. GEMA EOC communicator 2. Burke County EOC communicator 3. SRS EOC communicator 4. South Carolina highway patrol dispatcher 5. Aiken County Law Enforcement Center dispatcher 6. Barnwell County sheriff dispatcher 7. Allendale County sheriff dispatcher	11 11 11
Vogtle duty manager	ENS	1. NRC Operations Center	
	Plant telephone system	1. On call project manager	11
VEGP security	Plant telephone system	1. Visitors center personnel 2. Training center personnel	
		3. Personnel onsite, outside protected area	11

REV 0 11/30/84  
REV 2 11/85  
REV 5 2/86  
REV 6 7/86  
REV 11 1/89  
REV 12 4/90



TABLE E-2 (SHEET 2 OF 2)

<u>Communicator</u>	<u>Primary Notification System</u>	<u>Party Notified</u>
VEGP security (continued)	Direct contact	Recreation area occupants
	Auto- dialer system and beeper system	Recall for emergency response personnel not onsite

11  
1:

REV 0 11/30/84  
 REV 2 11/85  
 REV 5 2/86  
 REV 6 7/86  
 REV 10 2/88  
 REV 11 1/89  
 REV 12 4/90



PROCEDURE NO. VEGP	REVISION 14	PAGE NO. 9 of 16
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Sheet 1 of 3

### CHECKLIST 2

#### EMERGENCY NOTIFICATION MESSAGE FOR STATE AND LOCAL RESPONSE AGENCIES

**A. INSTRUCTIONS:**

1. Complete as much of the information on this form as possible.
2. Have Emergency Director sign the form to authorize release.
3. These notifications MUST be made within 15 minutes of event classification.
4. Use communication circuits in the following order of priority:
  - a. ENN (broadcast to all stations simultaneously)
  - b. SC Backup ENN (Two digit phone numbers found in Emergency Response Directory)
  - c. Commercial telephones (Phone numbers in Emergency Response Directory)
  - d. Radios:
    1. Use SRP radio in TSC (Freq. 1, ask SRP to notify other South Carolina agencies).
    2. Use Burke County radio in TSC (ask Burke County to notify the Georgia Emergency Management Agency).

**B. INITIAL 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)

<input type="checkbox"/> Savannah River Plant	<input type="checkbox"/> Aiken County
<input type="checkbox"/> State of South Carolina	<input type="checkbox"/> Allendale County
<input type="checkbox"/> Georgia Emergency Management Agency	<input type="checkbox"/> Barnwell County
<input type="checkbox"/> Burke County	

**C. NOTIFICATION MESSAGE TRANSMISSION:** Transmit complete notification form, obtain roll call and record acknowledgements.

**NOTE**

The Emergency Notification Message for State and Local Response Agencies (Sheet 2 and 3 of 3) Checklist 2, of this procedure is a reproduction of the actual form. The actual form should be used, although reproduction of the form in this procedure is authorized.

REV 0 11/94  
 REV 10 2/33  
 REV 12 4/90

Georgia Power 

VOGTLE  
 ELECTRIC GENERATING PLANT  
 UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
 MESSAGE FOR STATE AND LOCAL  
 RESPONSE AGENCIES

FIGURE E-1 (SHEET 1 OF 3)



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		10 of 16

Sheet 2 of 3

**D. EMERGENCY NOTIFICATION**

1. ☐ THIS IS A DRILL      ☐ THIS IS AN ACTUAL EMERGENCY

2. AUTHENTICATION: \_\_\_\_\_  
(Number)      (Call number)

3. TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_      REPORTED BY: \_\_\_\_\_  
(Eastern)    mm    dd    yy      (Name)

4. SITE: \_\_\_\_\_ VOGTLE      UNIT: \_\_\_\_\_      CONFIRMATION PHONE NUMBER: 1-404-554-6762

5. EMERGENCY CLASSIFICATION:  
☐ NOTIFICATION OF UNUSUAL EVENT    ☐ ALERT    ☐ SITE AREA EMERGENCY    ☐ GENERAL EMERGENCY

6. ☐ EMERGENCY DECLARATION AT: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
(Eastern)    mm    dd    yy

☐ EMERGENCY TERMINATION AT: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (If B, go to Item 15.)  
(Eastern)    mm    dd    yy

7. EMERGENCY DESCRIPTION: \_\_\_\_\_

8. PLANT CONDITION: ☐ IMPROVING    ☐ STABLE    ☐ DEGRADING    ☐ UNDETERMINED

9. EMERGENCY INVOLVES:  
☐ NO RELEASE (If A, go to Item 14.)    ☐ A RELEASE IS OCCURRING: Started \_\_\_\_\_ Expected Duration \_\_\_\_\_  
☐ POTENTIAL RELEASE    ☐ A RELEASE HAS OCCURRED: Started \_\_\_\_\_ Stopped \_\_\_\_\_

10. TYPE OF RELEASE: ☐ ELEVATED    ☒ GROUND LEVEL  
☐ RADIOACTIVE GASES    ☐ RADIOACTIVE PARTICULATES  
☐ RADIOACTIVE LIQUIDS    ☐ OTHER \_\_\_\_\_

11. RELEASE: ☐ CURIES PER SEC.    ☐ CURIES  
☐ NOBLE GASES    ☐ IODINES  
☐ IODINE/NOBLE GAS RATIO (mCi/mCi)    ☐ OTHER \_\_\_\_\_

12. REACTOR STATUS: ☐ SHUTDOWN: TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_    ☐ % POWER  
(Eastern)    mm    dd    yy

13. ESTIMATE OF ENJECTED OFFSITE DOSE: ☐ NEW    ☐ UNCHANGED    DURATION: \_\_\_\_\_ HRS.


Distance	Wholebody DOSE RATE (mrem/hr)	Child Thyroid DOSE RATE (mrem/hr)	Wholebody (mrem)	Child Thyroid (mrem)
SITE BOUNDARY	_____	_____	_____	_____
2 MILES	_____	_____	_____	_____
5 MILES	_____	_____	_____	_____
10 MILES	_____	_____	_____	_____

14. METEOROLOGICAL DATA: ☐ NOT AVAILABLE  
☐ WIND DIRECTION (from) \_\_\_\_\_ \*    ☐ STABILITY CLASS \_\_\_\_\_  
☐ WIND SPEED (mph) \_\_\_\_\_    ☐ PRECIPITATION (type) \_\_\_\_\_

15. RECOMMENDED PROTECTIVE ACTIONS:  
☐ NO RECOMMENDED PROTECTIVE ACTIONS  
☐ SHELTER \_\_\_\_\_  
☐ EVACUATE \_\_\_\_\_  
☐ OTHER \_\_\_\_\_

16. APPROVED BY: \_\_\_\_\_      EMERGENCY DIRECTOR      TIME/DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
(Name)      (Title)      (Eastern)    mm    dd    yy

REV 0 11/84  
REV 5 2/86  
REV 6 7/86  
REV 10 2/88  
REV 12 4/90

Georgia Power 

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
MESSAGE FOR STATE AND LOCAL  
RESPONSE AGENCIES

FIGURE E-1 (SHEET 2 OF 3)



PROCEDURE NO VEGP	91002-C	REVISION 14	PAGE NO 11 of 16
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Sheet 3 of 3

### GOVERNMENT AGENCIES NOTIFIED

Record the name, date, time and agencies notified:

1.	(name)		State of Georgia
	(date)	(time)	(agency)
2.	(name)		State of South Carolina
	(date)	(time)	(agency)
3.	(name)		DOE - SRP
	(date)	(time)	(agency)
4.	(name)		Burke County, GA
	(date)	(time)	(agency)
5.	(name)		Aiken County, SC
	(date)	(time)	(agency)
6.	(name)		Allendale County, SC
	(date)	(time)	(agency)
7.	(name)		Barnwell County, SC
	(date)	(time)	(agency)

EXAMPLE

REV 0 11/84  
REV 5 2/86  
REV 6 7/86  
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Georgia Power 

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF INITIAL EMERGENCY  
MESSAGE FOR STATE AND LOCAL  
RESPONSE AGENCIES

FIGURE E-1 (SHEET 3 OF 3)



PROCEDURE NO. EGP	91002-C	REVISION 14	PAGE NO. 12 of 16
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Sheet 1 of 3

### CHECKLIST 3

#### NRC NOTIFICATION CHECKLIST

Initiate contact 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".

Note: If no response on the ENS is obtained, use a  
commercial line and one of the following numbers:

(301) 951-0550 (301) 427-4259  
(301) 492-8893 (301) 427-4056

#### NOTE

The Event Notification Worksheet  
(NRC Form 361) in this procedure  
is a reproduction of the actual  
NRC form. The actual NRC Form 361  
should be used, although reproduction  
of the form in this procedure is  
authorized.

EXAMPLE

REV 0 11/84  
REV 10 2/88  
REV 12 4/90

Georgia Power



VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC NOTIFICATION  
CHECKLIST


FIGURE E-2 (SHEET 1 OF 3)



NRC FORM 361 (4-89)		U.S. NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER			
EVENT NOTIFICATION WORKSHEET					
NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	CALLER'S NAME		CALL BACK # EN: _____ BY: _____
EVENT TIME & ZONE	EVENT DATE	1-Hr Non-Emergency 10 CFR 50.72(b)(1)		(i) Lost Offsite Contain.	AESC
				(ii) Prg	AFR
POWER/MODE BEFORE	POWER/MODE AFTER	(iiiA) TS Required S/D	ASHU	(iv) Toxic Gas	ACHE
		(iiiB) TS Deviation	ADEV	(v) Rad Release	ARAD
		(iv) Degraded Condition	ADEG	(vi) On-Holding Site Op	AMHN
EVENT CLASSIFICATIONS		(iiiA) Unplanned Condition	AUNA	4-Hr Non-Emergency 10 CFR 50.72(b)(2)	
		(iiiB) Outside Design Basis	ADUT	(i) Degraded Whole S/D	ADAS
		(iiiC) Not Covered by OPL/EP	ACNC	(ii) RPS Actuation (alarm)	ARPS
GENERAL EMERGENCY	GE/AAC	(iii) Earthquake	ANEA	(iii) ESP Actuation	AESP
SITE AREA EMERGENCY	SIT/AAC	(iv) Flood	ANFL	(iiiA) Site S/D Capability	AUNA
ALERT	AL/AAC	(iv) Hurricane	AMHU	(iiiB) RHR Capability	AHRB
UNUSUAL EVENT	UN/AAC	(iv) Ice/Hail	ANIC	(iiiC) Control of Rad Release	AIRC
50.72 NON EMERGENCY	(see next column)	(iv) Lightning	ANLI	(iiiD) Accident Mitigation	AIND
PHYSICAL SECURITY (73.71)	DTT	(iv) Turbido	ANTO	(iiiA) Air Release > 2X App B	AAIR
TRANSPORTATION	NTBA	(iv) On-Site Phenomenon	ANDT	(iiiB) Lq Release > 2X App B	ALIQ
20.403 MATERIAL EXPOSURE	ETTT	(iv) ECCS Discharge to RCS	ACCS	(iv) Offsite Monitor	AMED
OTHER NDAM NLCD NBNL NINP NLTR NONR		(iv) Lost EMS	AENS	(iv) Offsite Notification	ANRE
CODE FLOW SRR GOOD		(iv) Lost Emerg. Assessment	AARC		
DESCRIPTION					
EXAMPLE					
Include: Systems affected; situations & their initiating signals; causal effects of event on plant; actions taken or planned, etc.					
NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES (if explain above)
NRC RESIDENT					NO (if explain above)
STATEN				DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES
LOCAL					NO (if explain above)
OTHER GOV AGENCIES				MODE OF OPERATION	ESTIMATES FOR
MEDIA PRESS RELEASE				UNTIL CORRECTED	RESTART DATE
				ADDITIONAL INFO ON BACK?	

NRC FORM 361 (4-89)

REV 0 11/34  
REV 10 2/88  
REV 12 4/90

Georgia Power 

VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC OPERATIONS  
CENTER EVENT NOTIFICATION  
WORKSHEET

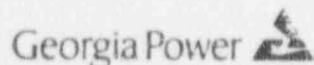
FIGURE E-2 (SHEET 2 OF 3)



NRC FORM 101-1 (8-89)		ADDITIONAL INFORMATION		NRC OPERATIONS CENTER																																																		
RADIOLOGICAL RELEASES CHECK OR FILL IN APPLICABLE ITEMS (Specific data requirements 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 date in description.																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Release Rate (Ci/sec)</th> <th>N.T.S. LIMIT</th> <th>MOO GUIDE</th> <th>Total Activity (Ci)</th> <th>N.T.S. LIMIT</th> <th>MOO GUIDE</th> </tr> </thead> <tbody> <tr> <td>Noble Gas</td> <td></td> <td></td> <td>0.1 Ci/sec</td> <td></td> <td></td> <td>1000 Ci</td> </tr> <tr> <td>Iodine</td> <td></td> <td></td> <td>10 µCi/sec</td> <td></td> <td></td> <td>0.01 Ci</td> </tr> <tr> <td>Particulate</td> <td></td> <td></td> <td>1 µCi/sec</td> <td></td> <td></td> <td>1 mCi</td> </tr> <tr> <td>Liquid radioactive effluent &amp; discharge (MOOP limits)</td> <td></td> <td></td> <td>10 µCi/min</td> <td></td> <td></td> <td>0.1 Ci</td> </tr> <tr> <td>Liquid effluent</td> <td></td> <td></td> <td>0.2 Ci/min</td> <td></td> <td></td> <td>5 Ci</td> </tr> <tr> <td>Total Activity</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							Release Rate (Ci/sec)	N.T.S. LIMIT	MOO GUIDE	Total Activity (Ci)	N.T.S. LIMIT	MOO GUIDE	Noble Gas			0.1 Ci/sec			1000 Ci	Iodine			10 µCi/sec			0.01 Ci	Particulate			1 µCi/sec			1 mCi	Liquid radioactive effluent & discharge (MOOP limits)			10 µCi/min			0.1 Ci	Liquid effluent			0.2 Ci/min			5 Ci	Total Activity						
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NCS OR SG TUBE LEAKS CHECK OR FILL IN APPLICABLE ITEMS (Specific data requirements should be covered in event description.) LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc.):																																																						
LEAK RATE	UNITS (gm/gal)	T.S. LIMITS	SUDDEN OR LONG TERM DEVELOPMENT																																																			
LEAK START DATE	TIME	COOLANT ACTIVITY & UNITS PRIMARY -		SECONDARY -																																																		
LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL																																																						
EVENT DESCRIPTION (Continued from trans)																																																						

EXAMPLE

REV 0 11/84  
REV 10 2/88  
REV 12 4/90



VOGTLE  
ELECTRIC GENERATING PLANT  
UNIT 1 AND UNIT 2

EXAMPLE OF NRC OPERATIONS  
CENTER EVENT NOTIFICATION  
WORKSHEET

FIGURE E-2 (SHEET 3 OF 3)