



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

July 31, 2002

10 CFR 50,  
Appendix E  
Section V

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Gentlemen:

In the Matter of	)	Docket Nos.	50-259	50-390
Tennessee Valley Authority	)		50-260	50-391
			50-296	50-327
				50-328


TVA CENTRAL EMERGENCY CONTROL CENTER (CECC) - EMERGENCY PLAN  
IMPLEMENTING PROCEDURE (EPIP) REVISIONS

In accordance with the requirements of 10 CFR Part 50, Appendix E, Section V, enclosed are copies of the Effective Page Listing and revisions to CECC EPIPs.

PROCEDURE	EFFECTIVE DATE
EPIP	7/24/02
EPIP-2	7/24/02
EPIP-3	7/24/02
EPIP-4	7/24/02
EPIP-5	7/24/02
EPIP-22	7/24/02

If you have any questions, please contact Terry Knuettel at  
(423) 751-6673.

Sincerely,

  
Mark J. Burzynski  
Manager  
Nuclear Licensing

Enclosures  
cc: See page 2

A045

U.S. Nuclear Regulatory Commission  
Page 2  
July 31, 2002

cc (Enclosures):

U.S. Nuclear Regulatory Commission (Enclosures 2)  
Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW, Suite 23T85  
Atlanta, Georgia 30303-8931

NRC Senior Resident Inspector [Enclosures provided  
Browns Ferry Nuclear Plant by site DCRM]  
P.O. Box 149  
Athens, Alabama 35611

NRC Senior Resident Inspector [Enclosures provided  
Sequoyah Nuclear Plant by site DCRM]  
2600 Igou Ferry Road  
Soddy Daisy, Tennessee 37379-3624

NRC Senior Resident Inspector [No enclosures, by request  
Watts Bar Nuclear Plant of site resident]  
1260 Nuclear Plant Road  
Spring City, Tennessee 37381

# DOCUMENT RELEASE AND FILING INSTRUCTIONS

To: Management Services/RIM/EDM  
 Other \_\_\_\_\_  
 Address \_\_\_\_\_  
 Date Submitted to Management Services/RIM/EDM: \_\_\_\_\_  
 Date to Filed By: \_\_\_\_\_

Page 1 of 1  
 Release No. \_\_\_\_\_

Prepared By: Gail White  
 Extension: 751-2108  
 Organization: AS&P  
 Address: LP 4D-C

Attached are (select one)  
☒ QA Records/Documents  
☐ Non-QA Records/Documents

Release and Submitted for:  
☒ Distribution  
☒ Retention

DOCUMENT NUMBER	REV	NO. PAGES	REC ACCPT		DATE	REMOVE PAGES	INSERT PAGES
			Y	N			
CECC-EPIP							
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CECC EPIP-2, rev. log	27	2 ✓	✓		7-24-02	rev. log <sup>R</sup> 26	rev. log R27
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CECC EPIP-3, rev. log	28	2 ✓	✓		7-24-02	rev. log <sup>R</sup> 27	rev. log R28
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CECC EPIP-4, rev. log	29	2 ✓	✓		7-24-02	rev. log	rev. log R29
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CECC EPIP-5, rev. log	31	2 ✓	✓		7-24-02	rev. log <sup>R</sup> 30	rev log R31
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CECC EPIP-22, cover sheet	19	1	✓		7-24-02	cover sheet <sup>R</sup> 18	cover sheet R19
CECC EPIP-22, rev. log	19	2 ✓	✓		7-24-02	rev. log <sup>R</sup> 18	rev. log R19
CECC EPIP-22	19	7	✓			All	1 - 7

\_\_\_\_\_  
 Date  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Contact: \_\_\_\_\_ Ext \_\_\_\_\_

Acceptance.

Lana L. Fama  
 Signature

7-24-02  
 Date

TENNESSEE VALLEY AUTHORITY  
CENTRAL EMERGENCY CONTROL CENTER EMERGENCY PLAN  
IMPLEMENTING PROCEDURES  
LIST OF EFFECTIVE PAGES

This list of effective pages must be retained with the CECC-EIPs.

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Tennessee Valley Authority  CENTRAL EMERGENCY CONTROL CENTER EMERGENCY PLAN IMPLEMENTING PROCEDURES	Title  OPERATIONS DUTY SPECIALIST PROCEDURE FOR NOTIFICATION OF UNUSUAL EVENT	CECC EPIP-2 REV. 27  Effective Date: 7-24-02
WRITTEN BY: <u>Thomas E. Aldrin</u> Signature      REVIEWED BY: <u>David Pond</u> Signature <u>7/15/02</u> Date  PLAN EFFECTIVENESS DETERMINATION: <u>Thomas E. Aldrin</u> Signature <u>7/15/02</u> Date  CONCURRENCES		
Concurrence Signature		Date
<input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Pond</u>		<u>7/15/02</u>
<input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BK Mark</u>		<u>7/16/02</u>
<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Chandran</u>		<u>7/18/02</u>
<input type="checkbox"/>		

## APPROVAL

APPROVED BY: <u>J. E. Mills</u> Signature	Vice President, E&TS Title      Organization	<u>7/22/02</u> Date
--	---	------------------------

CECC-EPIP-2  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR NOTIFICATION OF UNUSUAL EVENT

Rev. No.	Date	REVISION LOG	
		Revised Pages	
0	3/22/88	All (Changed from IPD to EPIP)	
1	4/27/88	3	
2	11/18/88	3	
3	4/26/89	All	
4	7/13/89	3	
5	9/19/89	All	
6	10/26/89	1,2, App. A (pg.2), App. B (p.2)	
7	5/23/90	App. A (p.2), App. B (p.2)	
8	5/21/91	Page 2 of 2, App. A, Pgs. 1 and 2, App. B, Pgs. 1 and 2	
9	5/31/91	Page 2 of 2; App. B, Pgs. 1 and 2	
10	12/12/91	Pages 1-2; App. A, pgs. 1-2; App. B, Pgs. 1-2	
11	12/23/92	New coversheet and rev log added; pgs. 1-3; App. A, Appendix B deleted	
12	06/18/93	Page 3; all pages issued.	
13	06/28/94	All	
14	2/17/95	Page 3 Name removal from notification list	
15	7/13/95	Page 3 change Al. Area code; All pages issued.	
16	3/20/96	Page 3 change M. O. Medford to J. P. Maciejewski; all pages issued.	
17	10/30/96	Change SOS to SM, add SNE to call list, add M. O. Medford to call list, correct telephone area code.	
18	12/12/96	Page 3 change M. O. Medford to O. J. Zeringue; all pages issued.	
19	4/7/97	Annual review. Add notification completed step to procedure. All pages issued.	
20	7/16/97	Modify notification list. All pages issued.	
21	9/24/98	Add Mr. Scalice to notification list and remove Mr. Zeringue. All pages issued.	

CECC-EPIP-2  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR NOTIFICATION OF UNUSUAL EVENT

Rev. No.	Date	REVISION LOG (Continued)
Revised Pages		
22	11/13/00	Add Public Information Manager to OPS notification list. Remove reference to notification board.
23	3/30/01	Annual review. Revise initial State Notification Form. All pages issued.
24	8/23/01	Update notification list. All pages issued.
25	11/7/01	Update notification list. All pages issued.
26	6/13/02	Annual review, add TPS notification, add credible threat NOUE activation of CECC, update notification list, add time to Initial State Notification Form. All pages issued.
27	7/24/02	Change "credible threat" terminology and update notification list. All pages issued.

**OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR NOTIFICATION OF UNUSUAL EVENT**

**1.0 PURPOSE**

This procedure is designed to direct the ODS during a Notification of Unusual Event to ensure consistent, accurate, and timely response in the event of an emergency.

**2.0 SCOPE**

This procedure covers anticipated requirements of the ODS during a Notification of Unusual Event.

**3.0 REFERENCES**

Radiological Emergency Plan

**4.0 ABBREVIATIONS AND DEFINITIONS**

EDO - Emergency Duty Officer  
ODS - Operations Duty Specialist  
CECC - Central Emergency Control Center  
NP - Nuclear Power  
SNE - Senior Nuclear Executive

**5.0 RESPONSIBILITIES**

- 5.1 Upon notification by the Site Emergency Director that a Notification of Unusual Event exists, the ODS is responsible for recording the preliminary report of information concerning the incident on Appendix A.
- 5.2 The ODS is responsible for notifying the appropriate State agency, CECC EDO, key NP emergency response personnel, the Load Coordinator, and the TPS Transmission Dispatcher.
- 5.3 The ODS is responsible for recording any follow-up information on Appendix B and notifying the appropriate State.

**6.0 PROCEDURE REQUIREMENTS**

**6.1 Actions to be Taken for a Notification of Unusual Event**

The ODS performs the following tasks:

**NOTE:** When making notifications of an emergency situation, provide only the information contained on the attachment. Avoid any unnecessary explanation or elaboration of the information. Timeliness and accuracy is of the utmost importance. If additional information/explanation is required by any party, provide the name and phone number of the EDO and request they contact him or patch them through to him.

(TIME/INITIALS)

\_\_\_\_ / \_\_\_\_ 6.1.1 Upon receiving a call from the Site Emergency Director:

Turn on Recording Equipment and enter the following information.

Current Date: \_\_\_\_\_

Current Time: \_\_\_\_\_

\_\_\_\_ / \_\_\_\_ 6.1.2 Refer to the form in Appendix A and log information to be provided to the State.

6.1.3 Make notification call to the appropriate State (not to exceed 5 minutes from time notified by site).

Tennessee

TEMA Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

(Use the ringdown telephone as the primary means to contact TEMA. If this does not work, then use numbers programmed on phones.)

Alabama

Alabama Rad Health Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

AFTER HOURS NOTIFY

Alabama Public Safety to have Rad Health Duty Officer call the ODS \_\_\_\_\_ Time: \_\_\_\_\_  
(See numbers programmed on phones.)

\*6.1.4 If the NOUE declaration is based on a credible site specific security threat indicated by an EAL listed below:

EAL 6.7 U for BFN  
\*\*"Credible Site Specific Security Threat"  
or  
EAL 4.6 for SQN and WBN  
\*\*"Credible Site Specific SecurityThreat"

Then activate the CECC using CECC-EPIP-3 using steps 6.1.5 through 6.1.2.4.

\*Revision



(TIME/INITIALS)

6.1.5 Notify the following by phone or pager.

- |                        |  |
|------------------------|--|
| <u>      /      </u>   | CECC EDO (See REPTRACK Duty List)  |
| <u>      /      </u>   | CECC Director (See REPTRACK Duty List)   |
| <u>      /      </u>   | J. A. Scalice (See REND Call-Out List - SNE)   |
| * <u>      /      </u> | J. E. Maddox (See REND Call-Out List - SNE)  |
| <u>      /      </u>   | B. K. Marks (See REND Call-Out List - CECC Director)   |
| <u>      /      </u>   | SNE (See REPTRACK Duty List or REND Call-Out List - SNE)   |
| <u>      /      </u>   | Nuclear Emergency Public Information Duty Officer (See REPTRACK Duty List)   |
| <u>      /      </u>   | 6.1.6 Inform the Site Emergency Director that the respective State has been notified.  |
| <u>      /      </u>   | 6.1.7 Notify the Load Coordinator of the condition.  |
| <u>      /      </u>   | 6.1.8 Notify the TPS Transmission Dispatcher of the condition.   |
| <u>      /      </u>   | 6.1.9 Upon receiving telecopy of the Site Emergency Director event form verify the information recorded on Appendix A of this procedure is correct.                            |
| <u>      /      </u>   | 6.1.10 Telecopy the proper Appendix of this procedure to the affected State.<br>AL. RAD Health (334) 206-5387<br>TEMA (615) 242-9635   |
| <u>      /      </u>   | 6.1.11 Verify that the telecopy to the State has been received. (Only during normal working hours for AL. RAD Health.) Use programmed telephone number for the affected State. |
| <u>      /      </u>   | 6.1.12 Refer to the form in Appendix B, log follow-up information regarding the event in progress, and provide to the appropriate State.                                       |

6.2 Actions To Be Taken When the Condition Is Terminated

6.2.1 Upon notification of the termination of the Notification of Unusual Event, the ODS has the responsibility of notifying all parties informed in section 6.1 of this procedure.

      /       Notifications completed

Exceptions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*Revision

APPENDIX A Page 1 of 1

TVA INITIAL NOTIFICATION FORM FOR NOTIFICATION OF UNUSUAL EVENT

1. ☐ THIS IS A REAL EVENT ☐ THIS IS A DRILL

2. This is \_\_\_\_\_, TVA Operations Duty Specialist at telephone number (423) 751-1700.

There has been a NOTIFICATION OF UNUSUAL EVENT declared at:

☐ Browns Ferry ☐ Sequoyah ☐ Watts Bar affecting:

☐ Unit 1 ☐ Unit 2 ☐ Unit 3 ☐ Common

3. EAL Designator: \_\_\_\_\_

4. Brief Description of the Event: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Radiological Conditions:

☐ No Abnormal Release Offsite

☐ Airborne Release Offsite

☐ Liquid Release Offsite

☐ Release Information Not Known

6. Event Declared: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_

7. Provide Protective Action Recommendation:

☐ None

8. "Please repeat the information you have received to ensure accuracy."

9. Time and Date information provided to the State.

Time: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: When completed telecopy this information to the State.

APPENDIX B Page 1 of 1

FOLLOW-UP INFORMATION FORM  
NOTIFICATION OF UNUSUAL EVENT

1. "This is a Real Emergency. This is a Real Emergency." ☐  
or  
"This is a Drill. This is a Drill." ☐

2. Time \_\_\_\_\_

3. The following significant changes in Plant Conditions have occurred.

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4. The following significant changes in Radiological Conditions have occurred. \_\_\_\_\_

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5. "Please repeat the information you have received to ensure accuracy."

6. Time information provided to State. \_\_\_\_\_

7. Name \_\_\_\_\_ Date \_\_\_\_\_

Note: When completed telecopy this Form to the State.

## CECC EPIP Coversheet

<b>Tennessee Valley Authority</b>  <b>CENTRAL EMERGENCY CONTROL CENTER EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>Title</b>  <b>OPERATIONS DUTY SPECIALIST PROCEDURE FOR ALERT</b>	<b>CECC EPIP-3 REV. 28</b>  <b>Effective Date:</b> <u>7-24-02</u>
---	---	--

WRITTEN BY: Thermon E. Aldrich SIGNATURE: John J. Chentura DATE: 7/16/02  
Signature Signature Date

PLAN EFFECTIVENESS DETERMINATION: Thermon E. Aldrich DATE: 7-15-02  
Signature Date

## CONCURRENCES

Concurrence Signature	Date
<input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Pond</u>	<u>7/16/02</u>
<input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BK Marhe</u>	<u>7/16/02</u>
<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Chandran</u>	<u>7/18/02</u>
<input type="checkbox"/>	

## APPROVAL

<b>APPROVED BY:</b> <u>J. E. Muller</u> Signature	<b>Vice President, E&amp;TS</b> Title Organization	<u>7/22/02</u> Date
--	---	------------------------

CECC-EPIP-3  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR ALERT

REVISION LOG

Rev. No.	Date	Revised Pages
0	3/22/88	All (Changed from IPD to EPIP)
1	04/27/88	3
2	11/18/88	3, 4
3	4/26/89	All
4	7/13/89	3, 4
5	9/19/89	All
6	10/26/89	2, App. A (p. 2), App. B (p.2) Title changed (pgs. 1-2)
7	5/23/90	"Site Area Emergency" section moved to EPIP-4. App. A (pg2), App. B (p.2). App. C added (p.1)
8	5/21/91	Pages 2 and 3, App. A, Pgs. 1 & 2, App. B, Pgs. 1 & 2
9	05/31/91	Page 2 of 3; Appendix B, pages 1 and 2
10	12/12/91	Pages 1-3/ App. A, pgs. 1-2; App. B, pgs. 1-2.
11	05/15/92	Page 2 revised; new coversheet and rev. log added; All pages issued.
12	12/23/92	Pages 1-4; App. A, Pg. 1; App. B, Pg. 1; App. C deleted.
13	01/25/93	Pages 1, 3 & 4; added activation of ERDS system. All pages issued.
14	06/18/93	Page 3; all pages issued.
15	06/24/94	Pages 1-4; App. B; Former App. B changes to App. C.
16	2/17/95	Page 3 Name removal from notification list.
17	7/13/95	Page 4 Changed AL. area code. All pages issued.
18	3/20/96	Page 3 Change M. O. Medford to J. P. Maciejewski; all pages issued.
19	10/30/96	Removed references to SOS, add M. O. Medford to call list, rearrange order of call list, telephone number updates, add statement to clarify CECC security setup instructions. Procedure put in new format. All pages issued.
20	12/12/96	Page 3 remove M. O. Medford. Page 4 add O. J. Zeringue; all pages issued.
21	4/7/97	Annual review. Update State of AL. fax number. All pages issued.
22	7/16/97	Correct telephone number. Modify notification list. All pages issued.
23	9/24/98	Update manual callout list and instructions. All pages issued.

CECC-EPIP-3  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR ALERT

REVISION LOG (Continued)

<u>Rev. No.</u>	<u>Date</u>	<u>Revised Pages</u>
<u>24</u>	<u>11/13/00</u>	<u>Add section to cover ODS relocation, editorial changes.</u>
<u>25</u>	<u>3/30/01</u>	<u>Annual review. Revise initial State Notification Form. All pages issued.</u>
<u>26</u>	<u>8/23/01</u>	<u>Update notification list. All pages issued.</u>
<u>27</u>	<u>6/13/02</u>	<u>Annual review. Add TPS notification, update notification list, add time to to Initial State Notification Form, editorial changes. All pages issued.</u>
<u>28</u>	<u>7/24/02</u>	<u>Update notification list. Change Automated Paging System to Emergency Paging System. Change CECC Notification Board to REND. All pages issued.</u>

**OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR ALERT**

**1.0 PURPOSE**

This procedure is designed to direct the ODS during an Alert to ensure consistent, accurate, and timely response in the event of an emergency.

**2.0 SCOPE**

This procedure covers anticipated requirements of the ODS during an Alert. This procedure should not be used after the CECC has assumed responsibility for communications with the State under CECC EPIP-1.

**3.0 REFERENCES**

Radiological Emergency Plan

**4.0 ABBREVIATIONS AND DEFINITIONS**

EDO - Emergency Duty Officer  
ERDS - Emergency Response Data System  
ODS - Operations Duty Specialist  
CECC - Central Emergency Control Center

**5.0 RESPONSIBILITIES**

- 5.1 Upon notification by the Site Emergency Director that an Alert exists, the ODS is responsible for recording the preliminary report of information concerning the incident on Appendix A.
- 5.2 The ODS is responsible for notifying the appropriate State agency, CECC EDO, CECC Director, Plant Assessment Manager, Radiological Assessment Manager, Load Coordinator, TPS Transmission Dispatcher, and key CECC staff. The ODS is also responsible for notifying technical support personnel as requested.
- 5.3 The ODS is responsible for recording any follow-up information on Appendix B and notifying the appropriate State.

**6.0 PROCEDURE REQUIREMENTS**

**6.1 Actions to be Taken for an Alert**

The ODS performs the following tasks:

**NOTE:** When making notifications of an emergency situation, provide only the information contained on the attachment. Avoid any unnecessary explanation, interpretation, or elaboration of the information. Timeliness and accuracy is of the utmost importance.

(TIME/INITIALS)

\_\_\_\_ / \_\_\_\_ 6.1.1 Upon receiving a call from the Site Emergency Director:

**Turn on Recording Equipment** and enter the following information.

Current Date: \_\_\_\_\_

Current Time: \_\_\_\_\_

\_\_\_\_ / \_\_\_\_ 6.1.2 Refer to the form in Appendix A and log information to be provided to the State.

6.1.3 Make notification call to the appropriate State (not to exceed 5 minutes from time notified by site).

Tennessee

TEMA Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

(Use the ringdown telephone as the primary means to contact TEMA. If this does not work, then use numbers programmed on phones.)

Alabama

Alabama Rad Health Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

**AFTER HOURS NOTIFY**

Alabama Public Safety to have Rad Health Duty Officer  
call the ODS \_\_\_\_\_ Time: \_\_\_\_\_

(See numbers programmed on phones.)



(TIME/INITIALS)

\_\_\_\_ / 6.1.4 If event has been terminated refer to CECC-EPIP-2 and perform Sections 6.1.4 through 6.1.9 of that procedure for notification and receive further guidance from the EDO.

\* \_\_\_\_ / 6.1.5 If event has not been terminated, activate Emergency Paging System. Monitor the Emergency Paging System screen. If any critical positions do not respond within 15 minutes or indicate they cannot respond, then use the REND or REP duty list to contact duty or backup staff for those positions. Appendix C will be used to document Fitness for Duty for positions contacted by telephone. Steps 6.1.6 through 6.1.25 of this procedure should be done in parallel with these actions as time permits.

-OR-

If Emergency Paging System is not operable, notify the following and have them report to the center (see the REPTRACK Duty List or REND). Initial attempts to fill critical positions should be performed before moving on to non-critical positions and steps 6.1.6 through 6.1.24 of this procedure. Appendix C will be used to document fitness for duty.

Critical Positions	
____ /	CECC EDO
____ /	CECC Director
____ /	Radiological Assessment Manager
____ /	Plant Assessment Manager
____ /	Dose Assessor
____ /	Plant Assessment Team Leader
____ /	Plant Assessment Coordinator
____ /	Nuclear Emergency Public Information Duty Officer

\_\_\_\_ / Environs Assessor  
 \_\_\_\_ / Management Services Supervisor  
 \_\_\_\_ / Resource Support Coordinator  
 \_\_\_\_ / Core Damage  
 \_\_\_\_ / Engineering Representative  
 \_\_\_\_ / Meteorologist  
 \_\_\_\_ / Communications Support Personnel (Telephones)  
 \_\_\_\_ / Computer Support Personnel  
 \_\_\_\_ / B. K. Marks

\*Revision

- \_\_\_\_ / 6.1.6 If event has not been terminated, activate the ERDS system (not to exceed 1 hour after the declaration of the event). If the ERDS system fails to activate, continue with the next step (6.1.7) of this procedure.
- \_\_\_\_ / 6.1.7 Notify the CECC EDO.
- \_\_\_\_ / 6.1.8 Notify COC Security (751-3783) and request that security be established and key card access be initiated.

If the ODS is located in the Power Business Center and conditions allow relocation to the CECC continue with step 6.1.9 of this procedure, if the ODS is located in the CECC or is not relocating to the CECC proceed to section 6.1.16 of this procedure.

- \_\_\_\_ / 6.1.9 Transfer 751-1700 to the cellular phone.
- \_\_\_\_ / 6.1.10 Notify TEMA (for SQN and WBN events) that the ODS will be in transit to the CECC and that all calls should be made to 423-751-1700 until further notice.
- \_\_\_\_ / 6.1.11 Relocate to the CECC.
- Upon arrival in the CECC perform the following:
- \_\_\_\_ / 6.1.12 Follow up on any calls received during transit to the CECC.
- \_\_\_\_ / 6.1.13 Place the "A-B" switches for the Paging, ERDS and Alarm Notification Systems to the "A" position.
- \_\_\_\_ / 6.1.14 Transfer 751-1700 and the three site ringdown phones from the cellular phone back to the desktop phone.
- \_\_\_\_ / 6.1.15 Notify TEMA (for SQN and WBN events) that the ODS is in the CECC and can now use the ringdown phone for communications.

- \_\_\_\_ / 6.1.16 Inform the Site Emergency Director that the respective state has been notified.

- \* \_\_\_\_ / 6.1.17 Notify J. E. Maddox (See REND Call-Out List-SNE).

- \_\_\_\_ / 6.1.18 Notify J. A. Scalice (See REND Call-Out List-SNE).

- \_\_\_\_ / 6.1.19 Notify the Load Coordinator of the condition.

- \_\_\_\_ / 6.1.20 Notify the TPS Transmission Dispatcher of the condition.

- \_\_\_\_ / 6.1.21 Upon receiving telecopy of the Site Emergency Director event form, verify the information recorded on Appendix A of this procedure is correct.

- \_\_\_\_ / 6.1.22 Telecopy the proper Appendix of this procedure to the affected State.

AL. RAD Health (334) 206-5387  
TEMA (615) 242-9635

- \_\_\_\_ / 6.1.23 Verify that the telecopy to the State has been received (only during normal working hours for Al. RAD Health). Use programmed telephone number for the affected State.
- \_\_\_\_ / 6.1.24 If the ERDS system failed to activate in step 6.1.6 of this procedure, notify the computer support duty officer and the NRC duty officer at telephone number (301) 816-5100.
- \_\_\_\_ / 6.1.25 Refer to the form in Appendix B, log follow-up information, and provide to the appropriate State.
- \_\_\_\_ / 6.1.26 Continue attempts to contact any critical or non-critical positions in Section 6.1.5 of this procedure that have not responded.

APPENDIX A Page 1 of 1

TVA INITIAL NOTIFICATION FORM FOR ALERT

1. ☐ THIS IS A REAL EVENT ☐ THIS IS A DRILL

2. This is \_\_\_\_\_, TVA Operations Duty Specialist at telephone number (423) 751-1700.

There has been a **ALERT** declared at:

☐ Browns Ferry ☐ Sequoyah ☐ Watts Bar affecting:

☐ Unit 1 ☐ Unit 2 ☐ Unit 3 ☐ Common

3. EAL Designator: \_\_\_\_\_

4. Brief Description of the Event: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Radiological Conditions:

- ☐ No Abnormal Release Offsite  
☐ Airborne Release Offsite  
☐ Liquid Release Offsite  
☐ Release Information Not Known

6. Event Declared: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_

7. Provide Protective Action Recommendation:

☐ None

8. "Please repeat the information you have received to ensure accuracy."

9. Time and Date information provided to the State.

Time: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: When completed telecopy this information to the State.

APPENDIX B Page 1 of 1

FOLLOW-UP INFORMATION FORM  
ALERT

1. "This is a Real Emergency. This is a Real Emergency." ☐

or

"This is a Drill. This is a Drill." ☐

2. Time \_\_\_\_\_

3. The following significant changes in Plant Conditions have occurred.

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---

---

4. The following significant changes in Radiological Conditions have occurred. \_\_\_\_\_

---

---

---

5. "Please repeat the information you have received to ensure accuracy."

6. Time information provided to State. \_\_\_\_\_

7. Name \_\_\_\_\_ Date \_\_\_\_\_

Note: When completed telecopy this Form to the State.

TVA NUCLEAR  
CALL-IN SHEET

**Person Calling:** \_\_\_\_\_ **Date:** \_\_\_\_\_

[illegible]

## CECC EPIP Coversheet

<b>Tennessee Valley Authority</b>  <b>CENTRAL EMERGENCY CONTROL CENTER EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>Title</b>  <b>OPERATIONS DUTY SPECIALIST PROCEDURE FOR SITE AREA EMERGENCY</b>	<b>CECC EPIP-4 REV. 29</b>  <b>Effective Date:</b> <u>7-24-02</u>										
<p>WRITTEN BY: <u>Thomas E. Adkins</u> SIGNATURE      REVIEWED BY: <u>John J. Chambers</u> SIGNATURE      <u>7/16/02</u> DATE</p> <p>PLAN EFFECTIVENESS DETERMINATION: <u>Thomas E. Adkins</u> SIGNATURE      <u>7-15-02</u> DATE</p> <p style="text-align: center;"><b>CONCURRENCES</b></p> <table border="1" data-bbox="152 1146 1528 1602"><thead><tr><th data-bbox="152 1146 1252 1220">Concurrence Signature</th><th data-bbox="1252 1146 1528 1220">Date</th></tr></thead><tbody><tr><td data-bbox="152 1220 1252 1314"><input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Pond</u></td><td data-bbox="1252 1220 1528 1314"><u>7/16/02</u></td></tr><tr><td data-bbox="152 1314 1252 1409"><input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BK Marks</u></td><td data-bbox="1252 1314 1528 1409"><u>7/16/02</u></td></tr><tr><td data-bbox="152 1409 1252 1503"><input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Chandran</u></td><td data-bbox="1252 1409 1528 1503"><u>7/18/02</u></td></tr><tr><td data-bbox="152 1503 1252 1602"><input type="checkbox"/></td><td data-bbox="1252 1503 1528 1602"></td></tr></tbody></table>			Concurrence Signature	Date	<input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Pond</u>	<u>7/16/02</u>	<input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BK Marks</u>	<u>7/16/02</u>	<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Chandran</u>	<u>7/18/02</u>	<input type="checkbox"/>	
Concurrence Signature	Date											
<input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Pond</u>	<u>7/16/02</u>											
<input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BK Marks</u>	<u>7/16/02</u>											
<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Chandran</u>	<u>7/18/02</u>											
<input type="checkbox"/>												

## APPROVAL

<b>APPROVED BY:</b> <u>J. E. Miller</u> SIGNATURE	<u>Vice President, E&amp;TS</u> TITLE      ORGANIZATION	<u>7/22/02</u> DATE
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CECC-EPIP-4  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR SITE AREA EMERGENCY

Rev. No.	Date	REVISION LOG	
		Revised Pages	
0	3/22/88	All (changed from IPD to EPIP)	
1	4/27/88	4	
2	7/8/88	Pages 3 & 4, Page 2 of App. B	
3	11/18/88	3, 4	
4	4/26/89	All	
5	7/13/89	3, 4	
6	9/19/89	All	
7	10/26/89	2, App. A (pg. 2), App. B (p. 2)	
8	5/23/90	"General Emergency" moved to EPIP-5, App. A (p. 2), App. B (p.2), App. C added (p.1).	
9	5/21/91	Pages 2 & 3, App. A, Pgs. 1 & 2, App. B, Pgs. 1 & 2	
10	5/31/91	Page 2 of 3; Appendix B, Pages 1 & 2	
11	12/12/91	Pages 1-3; App. A, pgs. 1-2; App. B, pgs. 1-2.	
12	05/15/92	Page 2 revised; new coversheet and rev. log added; all pages issued.	
13	12/23/92	All	
14	01/25/93	Pages 1, 3-4, add activation of ERDS system. All pages issued.	
15	06/18/93	Page 3; all pages issued.	
16	06/24/94	Pages 1-4; App. B; Former App. B changed to App. C.	
17	2/17/95	Page 3 Name removal from notification list.	
18	7/13/95	Page 4 Change AL. Area code. All pages issued.	
19	3/20/96	Page 3 Change M. O. Medford to J. P. Maciejewski; All pages issued.	
20	10/30/96	Remove references to SOS, add M. O. Medford to call list, telephone number updates; add statement to clarify CECC security setup instructions. Procedures put in new format. All pages issued.	
21	12/12/96	Page 3 removed M. O. Medford; Page 4 add O. J. Zeringue; All pages issued.	
22	4/7/97	Annual review, update State of AL. fax number. All pages issued.	



CECC-EPIP-4  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR SITE AREA EMERGENCY

Rev. No.	Date	REVISION LOG (Continued)
		Revised Pages
23	7/16/97	Correct telephone number. Modify notification list. All pages issued.
24	9/24/98	Annual review. Update manual callout list. All pages issued.
25	11/13/00	Add section to cover ODS relocation, editorial changes.
26	3/30/01	Annual review. Revise initial State Notification Form. All pages issued.
27	8/23/01	Update notification list. All pages issued.
28	6/13/02	Annual review. Add TPS notification, update notification list, add time to Initial State Notification Form, editorial changes. All pages issued.
29	7/24/02	Update notification list. Change Automated Paging to Emergency Paging System. Change CECC Notification Board to REND. All pages issued.

**OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR SITE AREA EMERGENCY**

**1.0 PURPOSE**

This procedure is designed to direct the ODS during a Site Area Emergency to ensure consistent, accurate, and timely response in the event of an emergency.

**2.0 SCOPE**

This procedure covers anticipated requirements of the ODS during a Site Area Emergency. This procedure should not be used after the CECC has assumed responsibility for communication with the State under CECC-EPIP-1.

**3.0 REFERENCES**

Radiological Emergency Plan

**4.0 ABBREVIATIONS AND DEFINITIONS**

EDO - Emergency Duty Officer  
ERDS - Emergency Response Data System  
ODS - Operations Duty Specialist  
CECC - Central Emergency Control Center

**5.0 RESPONSIBILITIES**

5.1 Upon notification by the Site Emergency Director that a Site Area Emergency exists, the ODS is responsible for recording the preliminary report of information concerning the incident on Appendix A.

5.2 The ODS is responsible for notifying the appropriate State agency, CECC EDO, CECC Director, Plant Assessment Manager, Radiological Assessment Manager, Load Coordinator, TPS Transmission D-is patcher, and key CECC staff. The ODS is also responsible for notifying technical support personnel as requested.

5.3 The ODS is responsible for recording any follow-up information on Appendix B and notifying the appropriate State.

**6.0 PROCEDURE REQUIREMENTS**

6.1 Actions to be Taken for a Site Area Emergency

The ODS performs the following tasks:

**NOTE:** When making notifications of an emergency situation, provide only the information contained on the attachment. Avoid any unnecessary explanation, interpretation, or elaboration of the information. Timeliness and accuracy is of the utmost importance.

(TIME/INITIALS)

\_\_\_\_ / \_\_\_\_ 6.1.1 Upon receiving a call from the Site Emergency Director:

**Turn on Recording Equipment** and enter the following information.

Current Date: \_\_\_\_\_

Current Time: \_\_\_\_\_

\_\_\_\_ / \_\_\_\_ 6.1.2 Refer to the form in Appendix A and log information to be provided to the State.

6.1.3 Make notification call to the appropriate State (not to exceed 5 minutes from time notified by site).

Tennessee

TEMA Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_  
(Use the ringdown telephone as the primary means to contact TEMA. If this does not work, then use numbers programmed on phones.)

Alabama

Alabama Rad Health Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

**AFTER HOURS NOTIFY**

Alabama Public Safety to have Rad Health Duty Officer  
call the ODS \_\_\_\_\_ Time: \_\_\_\_\_  
(See numbers programmed on phones.)

(TIME/INITIALS)

         /          6.1.4 If event has been terminated refer to CECC-EPIP-2 and perform Sections 6.1.4 through of that procedure 6.1.9 for notification and receive further guidance from the EDO.

\*          /          6.1.5 If the event **has not been terminated**, activate Emergency Paging System.  
\* Monitor the Emergency Paging System screen. If any critical positions do not respond within 15 minutes or indicate they cannot respond, then use the REND or REP duty list to contact duty or backup staff for those positions. Appendix C will be used to document Fitness for Duty for positions contacted by telephone. Steps 6.1.6 through 6.1.25 of this procedure should be done in parallel with these actions as time permits.

-OR-

\* If Emergency Paging System is not operable, notify the following and have them report to the center (see the REPTRACK Duty List or REND). Initial attempts to fill critical positions should be performed before moving on to non-critical positions and steps 6.1.6 through 6.1.24 of this procedure. Appendix C will be used to document fitness for duty.

Critical Positions	
<u>        </u> /	CECC EDO
<u>        </u> /	CECC Director
<u>        </u> /	Radiological Assessment Manager
<u>        </u> /	Plant Assessment Manager
<u>        </u> /	Dose Assessor
<u>        </u> /	Plant Assessment Team Leader
<u>        </u> /	Plant Assessment Coordinator
<u>        </u> /	Nuclear Emergency Public Information Duty Officer

         /      Environs Assessor  
         /      Management Services Supervisor  
         /      Resource Support Coordinator  
         /      Core Damage  
         /      Engineering Representative  
         /      Meteorologist  
         /      Communications Support Personnel (Telephones)  
         /      Computer Support Personnel  
         /      B. K. Marks

\*Revision

- / 6.1.6 If event has not been terminated, activate the ERDS system (not to exceed 1 hour after the declaration of the event). If the ERDS system fails to activate continue with the next step (6.1.7) of this procedure.
- / 6.1.7 Notify the CECC EDO by phone:
- / 6.1.8 Notify COC Security (751-3783) and request that security be established and key card access be initiated.

If the ODS is located in the Power Business Center and conditions allow relocation to the CECC continue with step 6.1.9 of this procedure, if the ODS is located in the CECC or is not relocating to the CECC proceed to section 6.1.16 of this procedure.

- / 6.1.9 Transfer 751-1700 to the cellular phone.
- / 6.1.10 Notify TEMA (for SQN and WBN events) that the ODS will be in transit to the CECC and that all calls should be made to 423-751-1700 until further notice.
- / 6.1.11 Relocate to the CECC.
- Upon arrival in the CECC perform the following:
- / 6.1.12 Follow up on any calls received during transit to the CECC.
- / 6.1.13 Place the "A-B" switches for the Paging, ERDS and Alarm Notification Systems to the "A" position.
- / 6.1.14 Transfer 751-1700 and the three site ringdown phones from the cellular phone back to the desktop phone.
- / 6.1.15 Notify TEMA (for SQN and WBN events) that the ODS is in the CECC and can now use the ringdown phone for communications.

- / 6.1.16 Inform the Site Emergency Director that the respective state has been notified.
- \* / 6.1.17 Inform J. E. Maddox (See REND Call-Out List-SNE).
- / 6.1.18 Inform J. A. Scalice (See REND Call-Out List-SNE).
- / 6.1.19 Notify the Load Coordinator of the condition.
- / 6.1.20 Notify the TPS Transmission Dispatcher of the condition.
- / 6.1.21 Upon receiving telecopy of the Site Emergency Director event form, verify the information recorded on Appendix A of this procedure is correct.
- / 6.1.22 Telecopy the proper Appendix of this procedure to the affected State.  
AL. RAD Health (334) 206-5387  
TEMA (615) 242-9635

- / 6.1.22 Verify that the telecopy to the State has been received (only during normal working hours for AL. RAD Health). Use programmed telephone number for the affected State.
- / 6.1.23 If the ERDS system failed to activate in step 6.1.6 of this procedure, notify the computer support duty officer and the NRC duty officer at telephone number (301) 816-5100.
- / 6.1.24 Refer to the form in Appendix B, log follow-up information, and provide to the appropriate State.
- / 6.1.25 Continue attempts to contact any critical or non-critical positions in section 6.1.5 of this procedure that have not responded.

APPENDIX A Page 1 of 1

TVA INITIAL NOTIFICATION FORM FOR SITE AREA EMERGENCY

1. ☐ THIS IS A REAL EVENT ☐ THIS IS A DRILL

2. This is \_\_\_\_\_, TVA Operations Duty Specialist at telephone number (423) 751-1700.

There has been a **SITE AREA EMERGENCY** declared at:

☐ Browns Ferry ☐ Sequoyah ☐ Watts Bar affecting:

☐ Unit 1 ☐ Unit 2 ☐ Unit 3 ☐ Common

3. EAL Designator: \_\_\_\_\_

4. Brief Description of the Event: \_\_\_\_\_

5. Radiological Conditions:

☐ No Abnormal Release Offsite

☐ Airborne Release Offsite

☐ Liquid Release Offsite

☐ Release Information Not Known

6. Event Declared: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_

7. Provide Protective Action Recommendation:

☐ None

8. The Meteorological conditions are:

Wind Speed: \_\_\_\_\_ m.p.h. Wind Direction From: \_\_\_\_\_ degrees

9. "Please repeat the information you have received to ensure accuracy."

10. Time and Date information provided to the State.

Time: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: When completed telecopy this information to the State.

APPENDIX B Page 1 of 1

FOLLOW-UP INFORMATION FORM  
SITE AREA EMERGENCY

1. "This is a Real Emergency. This is a Real Emergency." ☐  
or  
"This is a Drill. This is a Drill." ☐

2. Time \_\_\_\_\_

3. The following significant changes in Plant Conditions have occurred.

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4. The following significant changes in Radiological Conditions have occurred. \_\_\_\_\_

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5. "Please repeat the information you have received to ensure accuracy."

6. Time information provided to State. \_\_\_\_\_

7. Name \_\_\_\_\_ Date \_\_\_\_\_

Note: When completed telecopy this Form to the State.



TVA NUCLEAR  
CALL-IN SHEET[illegible]

Tennessee Valley Authority	Title  <b>OPERATIONS DUTY SPECIALIST PROCEDURE FOR GENERAL EMERGENCY</b>	CECC EPIP-5 REV. 31										
		Effective Date: <b>7-24-02</b>										
<p><b>WRITTEN BY:</b> <u>Thomas F. Adkins</u>      <b>REVIEWED BY:</b> <u>[Signature]</u>      <u>7/16/02</u></p> <p style="margin-left: 180px;">Signature</p> <p style="margin-left: 650px;">Signature</p> <p style="margin-left: 900px;">Date</p> <p><b>PLAN EFFECTIVENESS DETERMINATION:</b> <u>Thomas F. Adkins</u>      <u>7-13-02</u></p> <p style="margin-left: 380px;">Signature</p> <p style="margin-left: 860px;">Date</p> <p style="text-align: center;"><b>CONCURRENCES</b></p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 80%;">Concurrence Signature</th> <th style="width: 20%;">Date</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>[Signature]</u></td> <td><u>7/16/02</u></td> </tr> <tr> <td><input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>[Signature]</u></td> <td><u>7/16/02</u></td> </tr> <tr> <td><input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>[Signature]</u></td> <td><u>7/18/02</u></td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>			Concurrence Signature	Date	<input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>[Signature]</u>	<u>7/16/02</u>	<input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>[Signature]</u>	<u>7/16/02</u>	<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>[Signature]</u>	<u>7/18/02</u>	<input type="checkbox"/>	
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<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>[Signature]</u>	<u>7/18/02</u>											
<input type="checkbox"/>												

APPROVED BY: J. E. Mullins Vice President, E&TS 7/22/02  
Signature Title Organization Date

CECC-EPIP-5  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR GENERAL EMERGENCY

Rev. No.	Date	REVISION LOG	
		Revised Pages	
0	3/22/88	All (Changed from IPD to EPIP)	
1	7/8/88	App. B	
2	11/18/88	App. B	
3	4/26/89	All	
4	7/13/89	App. A (pgs. 2, 3, 4), App. B	
5	9/19/89	App. D (pg. 2)	
6	10/26/89	3-5, App. A (1, 3-4), App. B, App. D, App. G-I	
7	5/23/90	All (Formerly issued as EPIP-4)	
8	5/21/91	Pages 2 & 3, App. A, Pgs. 1 & 2, App. B, Pgs. 1 & 2	
9	5/31/91	Page 2 of 3; Appendix B, pages 1 and 2	
10	12/12/91	Pages 1-3; App. A, pgs. 1-2; App. B, pgs. 1-2.	
11	05/15/92	Page 2 revised; new coversheet & rev. log added. All pages issued.	
12	12/23/92	All	
13	01/25/93	Page 1, 4, add activation of ERDS system. All pages issued.	
14	06/18/93	Pages 2 and 3; all pages issued.	
15	03/17/94	Pages 1-4; all pages issued.	
16	04/19/94	Pages 1-4; all pages issued.	
17	06/24/94	Pages 1-4; all pages issued.	
18	07/25/94	Page 2 (new Hamilton Co. telephone number). All pages issued.	
19	2/17/95	Page 3 Name removal from notification list.	
20	7/13/95	Page 4 change AL. area code. All pages issued.	
21	3/20/96	Page 2 change to new telephone area code, page 3 change M. O. Medford to J. P. Maciejewski; all pages issued.	
22	10/30/96	Remove references to SOS, add M. O. Medford to call list, rearrange order of call list, telephone number updates, add statement to clarify CECC security setup instructions. Procedure put in new format. All pages issued.	

CECC-EPIP-5  
OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR GENERAL EMERGENCY

Rev. No.	Date	REVISION LOG (Continued) Revised Pages
23	12/12/96	Page 3 remove M. O. Medford; Page 4 add O. J. Zeringue; All pages issued.
24	4/7/97	Annual review, update county emergency telephone numbers, correct typographical error in Appendix A. All pages issued.
25	7/16/97	Correct telephone number. Modify notification list. All pages issued.
26	9/24/98	Annual review. Update telephone area code and manual callout list. All pages issued.
27	11/13/00	Add section to cover ODS relocation, editorial changes.
28	3/30/01	Annual review. Revise initial State Notification Form. Update Morgan County after hours telephone number. All pages issued.
29	8/23/01	Updated telephone numbers and notification list. All pages issued.
30	6/13/02	Annual review. Add TPS notification, update notification list, add time to Initial State Notification Form, editorial changes. All pages issued.
31	7/24/02	Update notification list. Change Automated Paging System to Emergency Paging System. Change CECC Notification Board to REND. All pages issued.

**OPERATIONS DUTY SPECIALIST  
PROCEDURE FOR GENERAL EMERGENCY**

**1.0 PURPOSE**

This procedure is designed to direct the ODS during a General Emergency to ensure consistent, accurate, and timely response in the event of an emergency.

**2.0 SCOPE**

This procedure covers the action of the ODS during a General Emergency. This procedure should not be used after the CECC has assumed responsibility for communications with the State under EPIP-1.

**3.0 REFERENCES**

Radiological Emergency Plan

**4.0 ABBREVIATIONS AND DEFINITIONS**

EDO - Emergency Duty Officer  
EMA - Emergency Management Agency  
ERDS - Emergency Response Data System  
ODS - Operations Duty Specialist  
CECC - Central Emergency Control Center

**5.0 RESPONSIBILITIES**

- 5.1 Upon notification by the Site Emergency Director that a General Emergency exists, the ODS is responsible for recording the preliminary report of information concerning the incident on Appendix A.
- 5.2 The ODS is responsible for notifying the appropriate state and local agencies, CECC EDO, CECC Director, Plant Assessment Manager, Radiological Assessment Manager, Load Coordinator, TPS Transmission Dispatcher, and key CECC staff. The ODS is responsible for notifying technical support personnel as requested.
- 5.3 The ODS is responsible for recording any follow-up information on Appendix B and notifying the appropriate state.

**6.0 PROCEDURE REQUIREMENTS**

**6.1 Action to be Taken for a General Emergency**

The ODS performs the following tasks:

**NOTE:** When making notifications of an emergency situation, provide only the information contained on the attachment. Avoid any unnecessary explanation, interpretation, or elaboration of the information. Timeliness and accuracy is of the utmost importance.

(TIME/INITIALS)

\_\_\_\_ / \_\_\_\_ 6.1.1 Upon receiving a call from the Site Emergency Director:

**Turn on Recording Equipment.**

Current Date: \_\_\_\_\_  
Current Time: \_\_\_\_\_

\_\_\_\_ / \_\_\_\_ 6.1.2 Refer to the form in Appendix A and log information to be provided to the local counties/State.

\* \_\_\_\_ / \_\_\_\_ 6.1.3 Activate the emergency paging system. (If emergency paging system fails, go to 6.1.4.)

6.1.4 Make notification call to the appropriate counties:

**Browns Ferry**

Limestone County: (256) 232-2631 Time: \_\_\_\_\_  
(After hrs) (256) 232-0111

Morgan County (256) 351-4620 Time: \_\_\_\_\_  
(After hrs) (256) 353-2515 opt 0

Lawrence County (256) 974-7641 Time: \_\_\_\_\_  
(After hrs) (256) 974-7911

Lauderdale County (256) 766-4201 Time: \_\_\_\_\_  
(After hrs) (256) 760-9117

**Sequoyah**

Hamilton County (423) 209-6900 Time: \_\_\_\_\_  
(After hrs) (423) 622-7777 or 622-0022

Bradley County (423) 476-0606 Time: \_\_\_\_\_  
(After hrs) (423) 476-7511

**Watts Bar**

Rhea County (423) 775-2505 Time: \_\_\_\_\_  
(After hrs) (423) 775-7828

Meigs County (423) 334-3211 Time: \_\_\_\_\_  
(After hrs) (423) 334-5268

McMinn County (423) 744-2715 Time: \_\_\_\_\_  
(After hrs) (423) 745-3140

If you are unable to contact the appropriate counties by use of the above telephone numbers, use the telephone numbers provided in Section E of the REND - State/Local Support.

\*Revision

(TIME/INITIALS)

6.1.5 Make notification call to the appropriate State.

Tennessee

TEMA Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

(Use the ringdown telephone as the primary means to contact TEMA. If this does not work, then use numbers programmed on phones.)

Alabama

Alabama Rad Health Duty Officer: \_\_\_\_\_ Time: \_\_\_\_\_

**AFTER HOURS NOTIFY**

Alabama Public Safety to have Rad Health Duty Officer call  
the ODS \_\_\_\_\_ Time: \_\_\_\_\_

(See numbers programmed on phones.)

- \*6.1.6 Monitor the Emergency Paging System screen. If any critical positions do not respond within 15 minutes or indicate they cannot respond, then use the REPTRACK Duty List or REND to contact duty or backup staff for those positions. Appendix C will be used to document Fitness for Duty for positions contacted by telephone. Steps 6.1.7 through 6.1.25 of this procedure should be done in parallel with these actions as time permits.

Or

- \* If the Emergency Paging System is not operable, notify the following and have them report to the CECC. (See REPTRACK Duty List or REND for names and phone numbers). Initial attempts to fill critical positions should be performed before moving on to non-critical positions and steps 6.1.7 through 6.1.26 of this procedure. Appendix C will be used to document fitness for duty.

<u>Critical Positions</u>	
_____ /	CECC EDO
_____ /	CECC Director
_____ /	Radiological Assessment Manager
_____ /	Plant Assessment Manager
_____ /	Dose Assessor
_____ /	Plant Assessment Team Leader
_____ /	Plant Assessment Coordinator
_____ /	Nuclear Emergency Public Information Duty Officer

_____ /	Enviorns Assessor
_____ /	Management Services Supervisor
_____ /	Resource Support Coordinator
_____ /	Core Damage
_____ /	Engineering Representative
_____ /	Meteorologist
_____ /	Communications Support Personnel (Telephones)
_____ /	Computer Support Personnel
_____ /	B. K. Marks

- \_\_\_\_ / 6.1.7 Activate the ERDS system (not to exceed 1 hour after the declaration of the event). If the ERDS system fails to activate, continue with the next step (6.1.8) of this procedure.
- \_\_\_\_ / 6.1.8 Notify the CECC EDO.
- \_\_\_\_ / 6.1.9 Notify COC Security (751-3783) and request that security be established and key card access be initiated.

If the ODS is located in the Power Business Center and conditions allow relocation to the CECC continue with step 6.1.10 of this procedure. If the ODS is located in the CECC or is not relocating to the CECC proceed to section 6.1.17 of this procedure.

- \_\_\_\_ / 6.1.10 Transfer 751-1700 to the cellular phone.
- \_\_\_\_ / 6.1.11 Notify TEMA (for SQN and WBN events) that the ODS will be in transit to the CECC and that all calls should be made to 423-751-1700 until further notice.
- \_\_\_\_ / 6.1.12 Relocate to the CECC.
- Upon arrival in the CECC perform the following:
- \_\_\_\_ / 6.1.13 Follow up on any calls received during transit to the CECC.
- \_\_\_\_ / 6.1.14 Place the "A-B" switches for the Paging, ERDS and Alarm Notification Systems to the "A" position.
- \_\_\_\_ / 6.1.15 Transfer 751-1700 and the three site ringdown phones from the cellular phone back to the desktop phone.
- \_\_\_\_ / 6.1.16 Notify TEMA (for SQN and WBN events) that the ODS is in the CECC and can now use the ringdown phone for communications.

- \_\_\_\_ / 6.1.17 Inform the Site Emergency Director that the State and appropriate local Emergency Management Agencies have been notified.
- \* \_\_\_\_ / 6.1.18 Notify J. E. Maddox (See REND Call-Out List-SNE).
- \_\_\_\_ / 6.1.19 Notify J. A. Scalice (See REND Call-Out List-SNE).
- \_\_\_\_ / 6.1.20 Notify the Load Coordinator of the condition.
- \_\_\_\_ / 6.1.21 Notify the TPS Transmission Dispatcher of the condition.
- \_\_\_\_ / 6.1.22 Upon receiving telecopy of the Site Emergency Director event form, verify the information recorded on Appendix A of this procedure is correct.
- \_\_\_\_ / 6.1.23 Telecopy the proper Appendix of this procedure to the affected State.

AL RAD Health (334) 206-5387  
TEMA (615) 242-9635



- \_\_\_\_ / 6.1.24 Verify that the telecopy to the State has been received (only during normal working hours for AL RAD Health). Use programmed telephone number for the affected State.
- \_\_\_\_ / 6.1.25 If the ERDS system failed to activate in step 6.1.7 of this procedure, notify the computer support duty officer and the NRC duty officer at telephone number (301) 816-5100.
- \_\_\_\_ / 6.1.26 Refer to the form in Appendix B, log follow-up information, and provide to the appropriate state.
- \_\_\_\_ / 6.1.27 Continue attempts to contact any critical or non-critical positions in section 6.1.6 of this procedure that have not responded.

APPENDIX A Page 1 of 1

TVA INITIAL NOTIFICATION FORM FOR GENERAL EMERGENCY

1. ☐ THIS IS A REAL EVENT ☐ THIS IS A DRILL

2. This is \_\_\_\_\_, TVA Operations Duty Specialist at telephone number (423) 751-1700.

There has been a **GENERAL EMERGENCY** declared at:

☐ Browns Ferry ☐ Sequoyah ☐ Watts Bar affecting:

☐ Unit 1 ☐ Unit 2 ☐ Unit 3 ☐ Common

3. EAL Designator: \_\_\_\_\_

4. Brief Description of the Event: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Radiological Conditions:

☐ No Abnormal Release Offsite

☐ Airborne Release Offsite

☐ Liquid Release Offsite

☐ Release Information Not Known

6. Event Declared: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_

7. Provide Protective Action Recommendation:

☐ Recommendation 1 - Evacuate 2 mile radius and 10 miles downwind and shelter remainder of the 10 mile EPZ

☐ Recommendation 2 - Evacuate 2 mile radius and 5 miles downwind and shelter remainder of the 10 mile EPZ

8. The Meteorological Conditions are:

Wind Speed: \_\_\_\_\_ m.p.h. Wind Direction is from: \_\_\_\_\_ degrees

9. "Please repeat the information you have received to ensure accuracy."

10. Time and Date information provided to the State.

Time: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: When completed telecopy this Form to the State.

APPENDIX B Page 1 of 1

FOLLOW-UP INFORMATION FORM  
GENERAL EMERGENCY

1. "This is a Real Emergency. This is a Real Emergency." ☐  
or  
"This is a Drill. This is a Drill." ☐

2. Time \_\_\_\_\_

3. The following significant changes in Plant Conditions have occurred.

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4. The following significant changes in Radiological Conditions have occurred. \_\_\_\_\_

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5. The following changes to Protective Action Recommendations have occurred.

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6. "Please repeat the information you have received to ensure accuracy."

7. Time information provided to State. \_\_\_\_\_

8. Name \_\_\_\_\_ Date \_\_\_\_\_

Note: When completed telecopy this Form to the State.

TVA NUCLEAR  
CALL-IN SHEET

Date: \_\_\_\_\_

[illegible]

## CECC EPIP Coversheet

Tennessee Valley Authority  CENTRAL EMERGENCY CONTROL CENTER EMERGENCY PLAN IMPLEMENTING PROCEDURES	Title  OPERATIONS DUTY SPECIALIST TRANSPORTATION INCIDENTS INVOLVING A SHIPMENT OF RADIOACTIVE MATERIALS	CECC EPIP-22 REV. 19  Effective Date: 7-24-02										
<p>WRITTEN BY: <u>Thomas E. Collins</u> Signature      REVIEWED BY: <u>John J. Chouksey</u> Signature      7/16/02 Date</p> <p>PLAN EFFECTIVENESS DETERMINATION: <u>Thomas E. Collins</u> Signature      7-15-02 Date</p> <p style="text-align: center;"><b>CONCURRENCES</b></p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 75%;">Concurrence Signature</th> <th style="width: 25%;">Date</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Bond</u></td> <td>7/16/02</td> </tr> <tr> <td><input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BKM</u></td> <td>7/16/02</td> </tr> <tr> <td><input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Anderson</u></td> <td>7/18/02</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>			Concurrence Signature	Date	<input checked="" type="checkbox"/> Manager, EP Program Planning and Implementation <u>David Bond</u>	7/16/02	<input checked="" type="checkbox"/> Manager, Emergency Preparedness <u>BKM</u>	7/16/02	<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Anderson</u>	7/18/02	<input type="checkbox"/>	
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<input checked="" type="checkbox"/> Manager, Radiological and Chemistry Services <u>Anderson</u>	7/18/02											
<input type="checkbox"/>												

## APPROVAL

APPROVED BY: <u>J. G. Muller</u> Signature	Vice President, E&TS Title      Organization	7/22/02 Date
---	---	-----------------

CECC-EPIP-22  
OPERATIONS DUTY SPECIALIST  
TRANSPORTATION INCIDENTS INVOLVING A SHIPMENT OF  
RADIOACTIVE MATERIALS

REVISION LOG

Rev. No.	Date	Revised Pages
0	3/22/88	All (Formerly IP-20; changed from IPD to EPIP)
1	4/27/88	2
2	11/18/88	2
3	4/26/89	All
4	10/26/89	2, App. A
5	5/21/91	1, 2
6	5/15/92	Pg. 2 revised. New coversheet and rev. log added. All pages issued.
7	02/09/93	Pgs. 1 & 2; Appendix A, pg. 1; Appendix B, Pgs. 1-3; all pages issued.
8	06/24/94	All
9	6/27/95	Page 2 notification list changes.
10	1/3/96	Procedure issued in new format which includes, in some cases, altering of the order of statements, editorial changes, and addition of boxes and shading to highlight statements. Changed accident to incident in title and through the procedure. Added step in Att. A checklist to get brief description of the event. Changed appendices to attachments. Added WBN phone numbers. All pages issued.
11	3/20/96	Page 2 change M. O. Medford to J. P. Maciejewski
12	10/30/96	Page 2 add M. O. Medford, change Shift Operations Supervisor to Shift Manager, add notification of Plant Assessment Manager. All pages issued.
13	12/12/96	Page 2 change M. O. Medford to O. J. Zeringue; All pages issued.
14	7/16/97	Modify notification list. All pages issued.
15	5/20/99	Annual review. Revise notification list. All pages issued.

CECC-EPIP-22  
OPERATIONS DUTY SPECIALIST  
TRANSPORTATION INCIDENTS INVOLVING A SHIPMENT OF  
RADIOACTIVE MATERIALS

REVISION LOG (Continued)

<u>Rev. No.</u>	<u>Date</u>	<u>Revised Pages</u>
<u>16</u>	<u>7/10/00</u>	<u>Annual review and self-assessment items. All pages issued.</u>
<u>17</u>	<u>8/23/01</u>	<u>Revise notification list and telephone number. All pages issued.</u>
<u>18</u>	<u>6/13/02</u>	<u>Annual review. Update notification list, update telephone numbers. All pages issued.</u>
<u>19</u>	<u>7/24/02</u>	<u>Update notification list and made terminology changes. All pages issued.</u>

**OPERATIONS DUTY SPECIALIST  
TRANSPORTATION ACCIDENT INVOLVING A SHIPMENT OF  
RADIOACTIVE MATERIALS**

**1.0 PURPOSE**

This procedure is designed to direct the ODS in obtaining and providing immediate information in the event of a transportation incident involving a shipment of TVA radioactive materials. A transportation incident includes vehicle accidents, leaking containers, or other abnormal situations that could attract public attention or require assistance. This procedure is also designed to ensure that all appropriate notifications are made. If a request for assistance is made for a non-TVA shipment, contact the EDO for direction.

**2.0 SCOPE**

This procedure covers actions of the Operations Duty Specialist (ODS) when an incident occurs involving a shipment of radioactive materials.

**3.0 REFERENCES**

3.1 Radiological Emergency Plan.

**4.0 ABBREVIATIONS AND DEFINITIONS**

EDO - Emergency Duty Officer  
ODS - Operations Duty Specialist  
REND - Radiological Emergency Notification Directory

**5.0 RESPONSIBILITIES**

In the event of a transportation incident involving a shipment of TVA's radioactive materials, the ODS is notified by someone on the scene. Emergency instructions in the vehicle provide the appropriate telephone number. The ODS is authorized to accept collect telephone calls for this purpose. Upon receiving such notification, the ODS obtains from the caller the information outlined on the TRANSPORTATION INCIDENT CHECKLIST (Attachment A). The ODS makes the notifications as outlined in section 6.0.

**NOTE:** If an on scene responder requests immediate information concerning the shipment or how to respond to the incident, then refer to **Attachment B** of this procedure. Requested information shall be provided within 15 minutes from the time of the call to the ODS.



**6.0 PROCEDURE REQUIREMENTS**

6.1 If caller requests immediate information, refer to **Attachment B** of this procedure.

6.2 COMPLETE THE TRANSPORTATION INCIDENT CHECKLIST. (**Attachment A**).

6.3 The ODS notifies the following:

(Time/Initials)

\_\_\_\_ / 6.3.1 If the accident occurs in either Alabama or Tennessee, notify the appropriate State agency by direct line. After hours, the Alabama phone call will be made to the Department of Public Safety (see numbers preprogrammed on phones). Ask the officer to contact the Radiological Health Duty Officer by phone or pager and have the Duty Officer call back the ODS. Alternate telephone numbers for these agencies are listed in the TVA REND.

\_\_\_\_ / 6.3.2 Notify the Shift Manager of the plant where the shipment originated. Alternate numbers are listed in the TVA REND.

\_\_\_\_ / 6.3.3 Notify the following:

\_\_\_\_ / CECC EDO

\_\_\_\_ / CECC DIRECTOR

\_\_\_\_ / J. A. Scalice

\* \_\_\_\_ / J. E. Maddox

\_\_\_\_ / B. K. Marks

\* \_\_\_\_ / 6.3.4 Notify the Radiological Assessment Manager.  
(See the REPTRACK Duty List.)

\* \_\_\_\_ / 6.3.5 Notify the Plant Assessment Manager. (See the REPTRACK Duty List)  
\*

\_\_\_\_ / 6.3.6 If the incident involves a TVA radiography shipment, advise the  
\* Radiological Assessment Manager to immediately notify the TS/ISO Radiography Support contact from the REND Callout List.

\*Revision

ATTACHMENT A

TRANSPORTATION INCIDENT CHECKLIST

- a. What is your name? \_\_\_\_\_
- b. Brief Description of the incident. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- c. What is your relationship to the accident (truck driver, State or local police, or a passerby)? \_\_\_\_\_  
\_\_\_\_\_
- d. Where did the incident occur, and at what time did it occur? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- e. Where did the vehicle originate, and what is its destination? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- f. What authorities, such as State or local police, have been notified? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- g. Was anyone injured? What are the nature and extent of their injuries? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- h. Has medical assistance been summoned for injured persons? \_\_\_\_\_
- i. Is there a fire involved? \_\_\_\_\_
- j. (If an accident has occurred) What is the extent of damage to the vehicle and shipping container? \_\_\_\_\_  
\_\_\_\_\_
- k. Is there an obvious breach of the shipping container? Have the contents of the container spilled? \_\_\_\_\_  
\_\_\_\_\_
- l. What type of shipment is this (cask, van-type trailer, or other vehicle)? \_\_\_\_\_
- m. Where are you calling from? \_\_\_\_\_
- n. How can you, State, or local police be contacted (area code and telephone number)? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- o. Refer to the shipping papers and/or **Attachment B** of this EPIP if you need to provide any information to the caller.

Attachment B Page 1 of 4

**INFORMATION FOR ON SCENE RESPONDERS**

**NOTE: Information requested by authorities for immediate action shall be provided within 15 minutes.**

**Information About Shipments**

- a. If you are requested to provide information concerning the shipment, refer to the ODS RADIOACTIVE MATERIAL SHIPMENT FORM which was telecopied to the ODS when the shipment left the TVA facility. Provide any information on the form which may be requested by the on scene responder and tell this individual of any precautions that may be indicated on the form.

**Information About Emergency Response**

- b. If you are requested to provide information concerning Emergency Response, then provide any pertinent information contained in pages 2 thru 4 of this Attachment.

**Where To Get Assistance**

- c. If you are requested to provide information which you have no knowledge of or is not available to you, contact the Shift Manager or the RADCON Lab at the affected plant for assistance at the telephone numbers listed below. If the shipment does not originate at a nuclear plant, the Shift Manager or Site RADCON Staff at a TVA nuclear plant may be able to provide information concerning the radioactive material being shipped.

SQN SM	423-843-7860
SQN RADCON Lab	423-843-7865
BFN SM	256-729-7860
BFN RADCON Lab	256-729-7865
WBN SM	423-365-7860
WBN RADCON Lab	423-365-7865

- d. If you are unable to contact the Shift Operations Supervisor or RADCON Lab, then contact the Radiological Assessment Manager listed on the Pager Duty List.

- d. Continue with procedure requirements contained in Section 6.0.

Attachment B Page 2 of 4  
**INFORMATION FOR ON SCENE RESPONDERS**

**EMERGENCY RESPONSE INFORMATION**

NOTE: A copy of this information is included with the shipping papers sent with the shipment.

**Immediate Hazards to Health**

- a. External radiation from unshielded radioactive material.
- b. Internal radiation from inhalation, ingestion, or skin absorption.
- c. Radioactive material; degree of hazard will vary greatly, depending on type and quantity of radioactive material.
- d. Runoff from fire control or dilution water may cause the spread of radioactive contamination.

**Risks of Fire and Explosion**

- a. The primary potential for fire or explosion is from leaking fuel from the motor vehicle.
- b. Some of the packaged materials may burn, but none of them readily ignites.
- c. Radioactive oil (if present in a package) has a potential for fire.

**Immediate Precautions To Be Taken**

- a. Keep unnecessary people as far from the transport vehicle as practicable.
- b. Notify State or local police that an incident has occurred involving radioactive material.
- c. Isolate hazard area and deny entry.
- d. Detain uninjured persons and equipment exposed to radioactive material until arrival or instruction of Radiation Authority.
- e. Delay clean-up until arrival or instruction of the Radiological Health Authority with jurisdiction.
- f. Do not move damaged containers.

Attachment B Page 3 of 4  
**INFORMATION FOR ON SCENE RESPONDERS**

**EMERGENCY RESPONSE INFORMATION**

**Immediate Methods of Handling Fires**

- a. Keep everyone at least 150 feet upwind and minimize breathing any of the smoke or fumes from the fire. Greater distances may be necessary if advised by Radiation Authority.
- b. Notify the fire department of the fire and inform them that the transport vehicle is carrying radioactive material.
- c. Self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing will provide limited protection.
- d. If advised by the Radiation Authority, move undamaged containers out of fire zone.
- e. Small Fires: Dry chemical, CO2, Halon, water spray, or standard foam.
- f. Large Fires: Water spray, fog (flooding amounts).
- g. For massive fire in cargo area, use unmanned hose holder or monitor nozzles.
- h. Fight fire from maximum distance. Stay away from ends of tanks.
- i. If water pollution occurs, notify the appropriate authorities.

**Immediate Methods for Handling Spills or Leaks in the Absence of Fire**

- a. Establish the restricted area and keep people outside of the area and on the upwind side (if possible).
- b. Enter the spill area only to aid injured persons; limit entry to the shortest possible time.
- c. Unless authorized by the Radiation Authority, do not touch damaged containers or spilled material.
- d. Damage to outer container may not affect primary inner container.
- e. Small Liquid Spills: Take up with sand, earth or other noncombustible absorbent material.
- f. Large Spills: Dike far ahead of liquid spill for later disposal.

Attachment B      Page 4 of 4  
**INFORMATION FOR ON SCENE RESPONDERS**

**EMERGENCY RESPONSE INFORMATION**

**Preliminary First Aid Measures**

- a. Call emergency medical care if there are any suspected injuries.
- b. Advise medical care personnel that injured persons may be contaminated with radioactive material.
- c. Remove injured persons from any possible contaminated areas (unless the injuries are of a severe nature that would make movement inadvisable).
- d. If not affecting injury, remove and isolate contaminated clothing and shoes; wrap victim in blanket before transporting.
- e. If not injured, detain persons and equipment exposed to radioactive material until arrival or instruction of Radiation Authority.