



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381-2000

10 CFR 50, App E.

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

Gentlemen:

In the Matter of ) Docket No. 50-390  
Tennessee Valley Authority )

WATTS BAR NUCLEAR PLANT (WBN) - EMERGENCY PLAN IMPLEMENTING  
PROCEDURE (EPIP) REVISION

In accordance with the requirements of 10 CFR Part 50, Appendix E,  
Section V, the enclosure provides the EIPs as listed below.

<u>EPIP</u>	<u>Rev</u>	<u>Title</u>	<u>Effective Date</u>
EPIP-2	20	Notification Of Unusual Event	8-26-2002
EPIP-3	23	Alert	8-26-2002
EPIP-4	24	Site Area Emergency	8-26-2002
EPIP-5	25	General Emergency	8-26-2002

Filing instructions are included with this document.

There are no regulatory commitments in this letter. If you should  
have any questions, please contact me at (423) 365-1824.

Sincerely,

P. L. Pace  
Manager, Licensing and Industry Affairs

Enclosure  
cc: See Page 2

A045

U.S. Nuclear Regulatory Commission  
Page 2

PLP:JES

Enclosure

cc (Enclosure):

NRC Resident Inspector (w/o Enclosure)  
Watts Bar Nuclear Plant  
1260 Nuclear Plant Road  
Spring City, Tennessee 37381

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

# FILING INSTRUCTIONS

41 (2)

16 (1)

DOCUMENT NUMBER EPIP-2

REMOVE REV 19      INSERT REV 20

COMMENTS \_\_\_\_\_  
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TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

**EPIP-2**

**NOTIFICATION OF UNUSUAL EVENT**

REVISION 20

PREPARED BY: Frank Pavlechko

RESPONSIBLE ORGANIZATION: EMERGENCY PREPAREDNESS

APPROVED BY: Frank Pavlechko

EFFECTIVE DATE: August 26, 2002

LEVEL OF USE: REFERENCE USE

**NON-QUALITY-RELATED**

## Revision History

Revision Number	Implementation Date	Pages Affected	Description of Revision
14	3/30/01	All Page 6, 10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Revised phone number. Revised initial notification form to standardize within TVAN and meet new NEI PI requirements to the NRC.
15	4/25/01	All pg. 2, 10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Corrected typo.
16	9/25/01	All pg. 9, 10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent change. Procedure revised to Non-Quality related per requirements of NQAP & pending revision to SPP-2.2. The coversheet and records section of the procedure was revised to reflect this change. Non-Intent change. Corrected typo on Appendix A.
17	01/24/02	All pg. 3, 5, 7	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-intent change. Added step to receive ODS confirmation call to TEMA. This standardizes with other TVAN units. Per NRC Safeguards Advisory, revised caution statement to include security adversary attack.
18	06/05/02	All 3-5 & 7	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent change(s): per NRC Recommended "Actions for Licensee Response to a Site Specific Credible Threat at Nuclear Power Plants". Revised step 8 and note(s) to require activation of the TSC/OSC for a Security Site Specific Credible Threat. Non-intent change(s): added fax number to TEMA.
19	07/30/02	All 3, 4, 5, 7, 8	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent changes made to the procedure to support the NRC Safeguards Advisory and actions associated with IN 2002-14. (ie) Added Step 8 on the two person line of site rule, and assembly and accountability requirements. Realigned steps in instruction concerning Security Site Specific Credible Threat. Added Steps 18 and 19 to enhance termination instructions. Added NRC IN 2002-14 to the references.
20	08/26/02	ALL	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Substantial format modification for standardization with BFN/SQN was implemented in this revision. Reformatted and re-paginated as necessary. Reordered actions to be consistent with EPIP's 3-5. Added Section 5.0, Illustrations and Appendices Section to the body of the procedure. Clarified what MET Data elevation is to be included on the follow up form. This is an intent revision.

## Table of Contents

**1.0 PURPOSE ..... 5**

**2.0 REFERENCES..... 5**

**3.0 INSTRUCTIONS ..... 6**

3.1 Activation of the REP By the SM/SED ..... 6

**4.0 RECORDS RETENTION ..... 9**

**5.0 ILLUSTRATIONS AND APPENDICES..... 9**

5.1 Appendix A - TVA Initial Notification Form for Notification of Unusual Event ..... 10

5.2 Appendix B - Notification of Unusual Event Follow-up Notification Form ..... 11

## 1.0 PURPOSE

- 1.1 To provide a method for timely notification of appropriate individuals when the Shift Manager (SM) or Site Emergency Director (SED), Technical Support Center (TSC) has determined by WBN, EPIP-1 that an incident has occurred which is classified as a NOTIFICATION OF UNUSUAL EVENT.
- 1.2 To provide the SM/SED a method for periodic reanalysis of current conditions to determine whether the NOTIFICATION OF UNUSUAL EVENT should be terminated or continued, or upgraded to a more serious condition.

## 2.0 REFERENCES

### 2.1 Interface Documents

- [1] EPIP-1, "Emergency Plan Classification Flowchart"
- [2] EPIP-3, "Alert"
- [3] EPIP-4, "Site Area Emergency"
- [4] EPIP-5, "General Emergency"
- [5] EPIP-8, "Personnel Accountability and Evacuation"
- [6] EPIP-10, "Medical Emergency Response"
- [7] EPIP-14, "Radiological Control Response"
- [8] EPIP-16, "Initial Dose Assessment for Radiological Emergencies"
- [9] CECC EPIP-9, "Emergency Environmental Radiological Monitoring Procedures"
- [10] 10 CFR 50.72 Immediate Notification Requirements for Operating Nuclear Power Reactors
- [11] NUREG-0654, FEMA-REP-1, Rev. 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.
- [12] ANSI N 18.7 - 1976
- [13] NRC IN 2002-14
- [14] SPP-3.5 "Regulatory Reporting Requirements"
- [15] SPP-3.1 "Corrective Action Program"

**3.0 INSTRUCTIONS**

Date \_\_\_\_\_

**NOTE** Steps not required to be performed may be N/A'd.

3.1 Upon determining that existing conditions are classified as a **NOTIFICATION OF UNUSUAL EVENT** according to EPIP-1 (independent evaluations by crew members may be beneficial), the SED, or designee, will:

- 1. **INITIATE** Appendix A, Notification Information

**CAUTION** If there is any possibility of a radiological release or security adversary attack, do not send personnel into areas of unknown radiological conditions or security risk without first contacting Radiological Control (RADCON) or Security.

- 2. **IF** the Unusual Event declaration is based on a Credible Site Specific Security Threat Notification indicated by EVENT 4.6 Security EALs or TSC and OSC support is needed for any other reason then **DIRECT** Shift Personnel to activate the Emergency Paging System (EPS) to staff the TSC and OSC. Shift Personnel should confirm activation and provide the 20 minute printed report to the SM for review. 
  - A. **IF** the EPS system fails, call the ODS, ringdown or (5-751-1700) and have him activate the EPS.
  - B. **IF** the above methods of activating the EPS fail, Shift Personnel must use the Radiological Emergency Response Call Lists to staff the TSC and OSC. This list is located in the EPS Manual near the terminal.

**NOTE** ODS should be notified within 5 minutes after declaration of the event.

- 3. **NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and \_\_\_\_\_  
Initial Time

**PROVIDE** the information from Appendix A.  
**IF** the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the Radiological Emergency Plan activation by calling:  
 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400.

- 4. **ANNOUNCE** to the crew: "A Notification of Unusual Event is being declared based on \_\_\_\_\_. I will be the Site Emergency Director."
- 5. **FAX** Appendix A to the ODS. (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

6. **ANNOUNCE** to the plant, "ATTENTION ALL SITE PERSONNEL. ATTENTION ALL SITE PERSONNEL. A Notification of Unusual Event is being declared based on \_\_\_\_\_ conditions." (Repeat)

**CAUTION:** You should not initiate Assembly and Accountability at this time IF it will present a danger to employees - For example:  
 A severe weather condition exists or is imminent (such as a Tornado).  
 An onsite Security risk condition exists (Consult with Nuclear Security).

7. **IF** the NOUE has been declared due to a Security EAL and Nuclear Security recommends Accountability to establish the "Two Person (Line of Sight) Rule". **Then** implement EPIP 8 for Assembly and Accountability. \ \_\_\_\_\_  
Initial Time
8. **NOTIFY** Duty Plant Management in accordance with SPP-3.5, and **PROVIDE** NOUE information
9. **RECEIVE** confirmation call from the ODS (to verify notification of the State of Tennessee) (NA this step, if the state was contacted directly).

**NOTE** NRC notification should be made as soon as practicable, within one hour of "NOTIFICATION OF UNUSUAL EVENT" declaration. Whenever NRC requests, a qualified person must provide a continuous update to the NRC Operations Center.

10. **NOTIFY** NRC, using the designated NRC phone (ENS), of plan activation. The following commercial numbers are for the NRC Operations Center: \ \_\_\_\_\_  
Initial Time
- 9-1-301-816-5100 (MAIN)  
 9-1-301-951-0550 (Backup)  
 9-1-301-816-5151 (FAX)
11. **EVALUATE** the need to implement EPIP-16, "Initial Dose Assessment for Radiological Emergencies," for a dose projection if radioactivity is being released through normal plant release paths.
12. **IF** there are personnel injuries, **IMPLEMENT** EPIP-10, "Medical Emergency Response."

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

13. **NOTIFY** WBN Emergency Preparedness.

Notification to Emergency Preparedness should be made as soon as practicable, but only when notification does not interfere with emergency actions or notifications in progress.

Work - 3232	or	Work - 8004 or 1838
Home - 9-1-423-337-2911		Home - 9-1-865-376-4691
Pager - 30374		Pager - 70215

14. **NOTIFY** the NRC Resident Inspector by calling 1776 and **PROVIDING** the information on Appendix A.

15. **REEVALUATE** the event using WBN EPIP-1 as necessary to determine if conditions warrant reclassification.

A. **IF** the condition warrants upgrading to a higher classification, **INITIATE** the appropriate steps of WBN EPIP's 3, 4, or 5.

B. **IF** other plant conditions warrant the need for follow-up information, **COMPLETE** the Follow-up Notification Form, Appendix B and **NOTIFY** the TSC/CECC (if it is staffed), or

**NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **PROVIDE** the information. **IF** the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the information by calling: 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400.

C. **IF** the situation no longer exists complete **Appendix B** and **TERMINATE** the emergency by informing the ODS, NRC and the Duty Plant Manager.

D. **FAX** Appendix B to the ODS. (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.

16. **ENSURE** applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

- 17. After the event is terminated, **SEND** the completed WBN EPIP-2 and associated documentation to WBN Emergency Preparedness (EP) Manager. □

**4.0 RECORD RETENTION**

4.1 Records of Classified Emergencies

The materials generated in support of key actions during an actual emergency classified as NOUE or higher are considered Lifetime retention Non-QA records. Materials shall be forwarded to the EP Manager who shall submit any records deemed necessary to demonstrate performance to the Corporate EP Manager for storage.

4.2 Drill and Exercise Records

The materials deemed necessary to demonstrate performance of key actions during drills are considered Non-QA records. These records shall be forwarded to the EP Manager who shall retain records deemed necessary to demonstrate six-year plan performance for six years. The EP Manager shall retain other records in this category for three years.

**5.0 ILLUSTRATIONS AND APPENDICES**

5.1 Appendix A - TVA Initial Notification Form For Notification of Unusual Event

The TVA Initial Notification Form For Notification of Unusual Event is used to initially notify the Operations Duty Specialist who notifies the Tennessee Emergency Management Agency.

5.2 Appendix B - Notification of Unusual Event Follow-up Notification Form

The Notification of Unusual Event Follow-up Notification Form is used to provide additional concerning other Notification of Unusual Events or other information concerning additional conditions to the ODS for State notification and event termination.





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16 (1)

# FILING INSTRUCTIONS

DOCUMENT NUMBER EPIP- 3

REMOVE REV 22      INSERT REV 23

COMMENTS \_\_\_\_\_  
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TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

**EPIP-3**

**ALERT**

REVISION 23

PREPARED BY: Frank Pavlechko

RESPONSIBLE ORGANIZATION: EMERGENCY PREPAREDNESS

APPROVED BY: Frank Pavlechko

EFFECTIVE DATE: August 26, 2002

LEVEL OF USE: REFERENCE USE

**NON-QUALITY-RELATED**

## Revision History

Revision Number	Implementation Date	Pages Affected	Description of Revision
17	3/30/01	All Page 10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Revised initial notification form to standardize within TVAN and meet new NEI PI requirements to the NRC.
18	4/25/01	All pg. 2, 10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Corrected typo.
19	9/25/01	All pg. 9	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent change. Procedure revised to Non-Quality related per requirements of NQAP & pending revision to SPP-2.2. The coversheet and records section of the procedure was revised to reflect this change.
20	01/24/02	All pg. 3, 5, 6	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-intent change. Added step to receive ODS confirmation call to TEMA. This standardizes with other TVAN units. Enhanced caution statement to include Security adversary attack. Per NRC Safeguards Advisory, moved caution step to enhance information. Changed the word Activate to Sound this makes the wording similar to EPIP 3 & 4 on step 9.
21	06/05/02	All 3, 5 & 7	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Non-intent change(s): added fax number to TEMA.
22	07/30/02	All 3, 5, 8	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent change. Revised caution statement on assembly and accountability. Added NRC IN 2002-14 to the references.
23	08/26/02	ALL	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Substantial format modification for standardization with BFN/SQN was implemented in this revision. Reformatted and re-paginated as necessary. Reordered actions to be consistent with EPIP's 2, 4, 5. Added Section 5.0, Illustrations and Appendices Section to the body of the procedure. EPIP-3 was revised to implement actions to support the NRC Security Order including identification of a staging area for the ERO outside the Protected Area. Clarified what MET Data to be included on the follow up notification form. This is an intent revision.

## Table of Contents

**1.0 PURPOSE ..... 4**

**2.0 REFERENCES..... 4**

**3.0 INSTRUCTIONS ..... 4**

3.1 Activation of the REP By the SM/SED ..... 5

**4.0 RECORDS RETENTION ..... 8**

**5.0 ILLUSTRATIONS AND APPENDICES..... 8**

5.1 Appendix A - TVA Initial Notification Form for Alert ..... 9

5.2 Appendix B- Alert Follow-up Notification Form ..... 10

## 1.0 PURPOSE

- 1.1 To provide a method for timely notification of appropriate individuals when the Shift Manager (SM) or Technical Support Center (TSC) Site Emergency Director (SED) has determined by WBN EPIP-1 that an incident has occurred which is classified as an **ALERT**.
- 1.2 To provide the SED/SM a method for periodic reanalysis of current conditions to determine whether the **ALERT** should be terminated or continued, or upgraded to a more serious condition.

## 2.0 REFERENCES

### 2.1 Interface Documents

- [1] EPIP-1, "Emergency Plan Classification Flowchart"
- [2] EPIP-4, "Site Area Emergency"
- [3] EPIP-5, "General Emergency"
- [4] EPIP-6, "Activation and Operation of the Technical Support Center"
- [5] EPIP-7, "Activation and Operation of the Operations Support Center"
- [6] EPIP-8, "Personnel Accountability and Evacuation"
- [7] EPIP-10, "Medical Emergency Response"
- [8] EPIP-11, "Security and Access Control"
- [9] EPIP-13, "Termination and Recovery"
- [10] EPIP-14, "Radiological Control Response"
- [11] EPIP-16, "Initial Dose Assessment for Radiological Emergencies"
- [12] CECC EPIP-9, "Emergency Environmental Radiological Monitoring Procedures"
- [13] 10 CFR 50.72 *Immediate Notification Requirements for Operating Nuclear Power Reactors*
- [14] NUREG 0654, FEMA-REP-1, Rev. 1, *Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.*
- [15] ANSI N18.7-1976
- [16] NRC INFORMATION NOTICE 2002-14
- [17] SPP-3.5 "Regulatory Reporting Requirements"
- [18] SPP-3.1 "Corrective Action Program"

**3.0 INSTRUCTIONS**

Date \_\_\_\_\_

**NOTE** Steps not required to be performed may be N/A'd.

3.1 Upon determining that existing conditions are classified as an ALERT according to EPIP-1 (independent evaluations by crew members may be beneficial), the SED, or designee, will:

**NOTE 1** IF ongoing onsite Security events may present risk to the emergency responders, **THEN... CONSULT** with Security to determine if site access is dangerous to the life and health of emergency responders.

**NOTE 2** IF ongoing events makes site access dangerous to the life and health of emergency responders **WHEN** activating EPS... **SELECT STAGING AREA** button on the terminal **INSTEAD** of the EMERGENCY button. Personnel will be directed to the Training Center CR19 (LNC).

1. **DIRECT** Shift Personnel to activate the Emergency Paging System (EPS) to staff the TSC and Operations Support Center (OSC). Shift Personnel should confirm activation and provide the 20 minute printed report to the SM for review. 
  - A. **IF** the EPS system fails, call the ODS, ringdown or (5-751-1700) and have him activate the EPS.
  - B. **IF** the above methods of activating the EPS fail, Shift Personnel must use the Radiological Emergency Response Call Lists to staff the TSC and OSC. This list is located in the EPS Manual near the terminal.
2. **INITIATE** Appendix A, Notification Information.

**NOTE:** ODS should be notified within **5 minutes** after declaration of the event.

3. **NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **PROVIDE** the information from Appendix A. \_\_\_\_\_  
Initial Time

**IF** the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the Radiological Emergency Plan activation by calling 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400.
4. **ANNOUNCE** to the crew: "An Alert is being declared based on \_\_\_\_\_ . I will be the Site Emergency Director."
5. **FAX** Appendix A to the ODS.   
 (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.
6. **ANNOUNCE** to the plant: "ATTENTION ALL SITE PERSONNEL. ATTENTION ALL SITE PERSONNEL. An ALERT emergency has been declared based on \_\_\_\_\_ Staff the TSC and OSC." (Repeat)

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

**CAUTION** If there is any possibility of a radiological release, A severe weather condition (such as a Tornado) or security adversary attack, **HOLD** assembly and accountability actions until these conditions have been resolved. Do not send personnel into areas of unknown radiological conditions or security risk without first contacting Radiological Control (RADCON) or Security.

- |  | <div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div> Initial Time |
|--|--|
| 7. <b>EVALUATE</b> plant conditions, and <b>IF</b> conditions warrant, <b>INITIATE</b> assembly and accountability. (For additional details, go to WBN EPIP-8, "Personnel Accountability and Evacuation"). <b>IF</b> you are not going to initiate assembly and accountability, <b>GO TO</b> step 10.      | <input type="checkbox"/>   |
| 8. <b>NOTIFY</b> Security (CAS) that assembly and accountability is to be conducted. Implement EPIP-8.   | <input type="checkbox"/>   |
| 9. <b>ANNOUNCE</b> to the plant: "ATTENTION ALL SITE PERSONNEL. ATTENTION ALL SITE PERSONNEL. Report to your assembly areas for accountability" (Repeat) <b>AND SOUND</b> assembly alarm for personnel assembly and accountability. <b>INITIATE</b> WBN EPIP-8, "Personnel Accountability and Evacuation." | <input type="checkbox"/>   |
| 10. <b>CALL</b> RADCON Lab and <b>SAY</b> : "We are in an Alert, implement WBN EPIP-14 "Radiological Control Response" and CECC EPIP-9.  | <input type="checkbox"/>   |
| 11. <b>IF</b> there are personnel injuries, <b>IMPLEMENT</b> WBN EPIP-10, "Medical Emergency Response."  | <input type="checkbox"/>   |
| 12. Security and Access Control will be implemented through WBN EPIP-11, "Security and Access Control."  | <input type="checkbox"/>   |
| 13. <b>NOTIFY</b> Duty Plant Management in accordance with SPP-3.5 and <b>PROVIDE</b> Alert Notification Information.  | <input type="checkbox"/>   |
| 14. <b>EVALUATE</b> the need to implement EPIP-16, "Initial Dose Assessment for Radiological Emergencies," for a dose projection if radioactivity is being released through normal plant release paths.  | <input type="checkbox"/>   |
| 15. <b>RECEIVE</b> confirmation call from the ODS ( to verify notification of the State of Tennessee) (NA this step, if the state was contacted directly).   | <input type="checkbox"/>   |

**NOTE** NRC notification should be made as soon as practicable but within one hour of "ALERT" declaration. Whenever NRC requests, a qualified person must provide a continuous update to NRC Operations Center.

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

16. **NOTIFY** the NRC, using designated NRC phone (ENS), of plan activation. The following commercial numbers are for the NRC Operations Center:

\ \_\_\_\_\_  
Initial Time

- 9-1-301-816-5100 (MAIN)
- 9-1-301-951-0550 (BACKUP)
- 9-1-301-816-5151 (FAX)

17. **NOTIFY** the NRC Resident Inspector by calling 1776 and **PROVIDING** the information on Appendix A.

18. **REEVALUATE** conditions using WBN EPIP-1 as necessary.

A. **IF** the conditions warrant upgrading to a higher classification, **INITIATE** the appropriate steps of WBN EPIP-4 or EPIP-5.

B. **IF** other plant conditions warrant the need for followup information, **COMPLETE** the Followup Notification Form, Appendix B, and **NOTIFY** the TSC/CECC (if it is staffed) or,

**NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **PROVIDE** the information. **IF** the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the information by calling: 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400

C. **IF** the conditions are under control, **INITIATE** actions identified in WBN EPIP-13, "Termination of the Emergency and Recovery."

D. **FAX** Appendix B to the ODS. (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.

19. **ENSURE** applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.

20. **SEND** the completed WBN EPIP-3 and associated documentation to the Emergency Preparedness (EP) Manager.

#### **4.0 RECORD RETENTION**

##### **4.1 Records of Classified Emergencies**

The materials generated in support of key actions during an actual emergency classified as an Alert or higher are considered Lifetime retention Non-QA records. Materials shall be forwarded to the EP Manager who shall submit any records deemed necessary to demonstrate performance to the Corporate EP Manager for storage.

##### **4.2 Drill and Exercise Records**

The materials deemed necessary to demonstrate performance of key actions during drills are considered Non-QA records. These records shall be forwarded to the EP Manager who shall retain records deemed necessary to demonstrate six-year plan performance for six years. The EP Manager shall retain other records in this category for three years.

#### **5.0 ILLUSTRATIONS AND APPENDICES**

##### **5.1 Appendix A - TVA Initial Notification Form For Alert**

The TVA Initial Notification Form For Alert is used to initially notify the Operations Duty Specialist who notifies the Tennessee Emergency Management Agency.

##### **5.2 Appendix B - Alert Follow-up Notification Form**

The Alert Follow-up Notification Form is used to provide additional concerning other Alerts or other information concerning additional conditions to the ODS for State notification and event termination.

APPENDIX A (Page 1 of 1)  
 INITIAL NOTIFICATION FORM  
 ALERT

1.  THIS IS A REAL EVENT       THIS IS A DRILL

2. This is \_\_\_\_\_ at Watts Bar Nuclear Plant.  
 NAME

An **ALERT** has been declared at Watts Bar Nuclear Plant affecting:

Unit 1       Unit 2

3. **EAL Designator** (e.g., Fire 4.1): \_\_\_\_\_

4. **Brief Description of the Event:**

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5. **Radiological Conditions:**

- No Abnormal Releases Offsite  
 Airborne Release Offsite  
 Liquid Release Offsite  
 Release Information Not Known at this time

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

7. **Provide Protective Action Recommendation.**

None

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



41 (2)

16 (1)

# FILING INSTRUCTIONS

DOCUMENT NUMBER EPTP-4

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COMMENTS \_\_\_\_\_  
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TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

**EPIP-4**  
**SITE AREA EMERGENCY**

REVISION 24

PREPARED BY: Frank Pavlechko

RESPONSIBLE ORGANIZATION: EMERGENCY PREPAREDNESS

APPROVED BY: Frank Pavlechko

EFFECTIVE DATE: August 26, 2002

LEVEL OF USE: REFERENCE USE

**NON-QUALITY-RELATED**

## REVISION DESCRIPTION

Revision Number	Implementation Date	Pages Affected	Description of Revision
18	3/30/01	All Page 5,10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Revised phone numbers. Revised initial notification form to standardize within TVAN and meet new NEI PI requirements to the NRC.
19	4/25/01	All pg. 2, 10	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Corrected typo.
20	9/25/01	All pg. 9	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent change. Procedure revised to Non-Quality related per requirements of NQAP & pending revision to SPP-2.2. The coversheet and records section of the procedure was revised to reflect this change.
21	01/24/02	All pg.3, 5, 6	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-intent change. Added step to receive ODS confirmation call to TEMA\Local Counties. This standardizes with other TVAN Units. Per NRC Safeguards Advisory, enhanced caution statement to include Security adversary attack.
22	06/05/02	All 3, 5 & 7	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent change(s) : removed county EPZ phone numbers per direction from Tennessee Emergency Management Agency (TEMA). Non-intent change(s): added fax number to TEMA.
23	07/30/02	All 3, 5, 7, 8	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent change(s): Revised caution statement on assembly and accountability. Added Step 16 on evacuation of non emergency responders. Added NRC IN 2002-14 to the references.
24	08/26/02	ALL	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Substantial format modification for standardization with BFN/SQN was implemented in this revision. Reformatted and re-paginated as necessary. Reordered actions to be consistent with EPIP's 2, 3, 5. Added Section 5.0, Illustrations and Appendices Section to the body of the procedure. EPIP-4 was revised to implement actions to support the NRC Security Order including identification of a staging area for the ERO outside the Protected Area. Clarified what MET Data is to be included on the follow up form. This is an intent revision.

**Table of Contents**

**1.0 PURPOSE ..... 4**

**2.0 REFERENCES..... 4**

**3.0 INSTRUCTIONS ..... 5**

3.1 Activation of the REP By the SM/SED ..... 5

**4.0 RECORDS RETENTION ..... 8**

**5.0 ILLUSTRATIONS AND APPENDICES..... 8**

5.1 Appendix A - TVA Initial Notification Form for Site Area Emergency..... 9

5.2 Appendix B- Site Area Emergency Follow-up Notification Form..... 10

## 1.0 PURPOSE

- 1.1 To provide a method for timely notification of appropriate individuals when the Shift Manager (SM) or Technical Support Center (TSC) Site Emergency Director (SED) has determined by WBN EPIP-1 that an incident has occurred which is classified as an **SITE AREA EMERGENCY**.
- 1.2 To provide the SED/SM a method for periodic reanalysis of current conditions to determine whether the **SITE AREA EMERGENCY** should be terminated or continued, or upgraded to a more serious condition.

## 2.0 REFERENCES

### 2.1 Interface Documents

- [1] EPIP-1, 'Emergency Plan Classification Flowchart'
- [2] EPIP-5, "General Emergency"
- [3] EPIP-6, "Activation and Operation of the Technical Support Center"
- [4] EPIP-7, "Activation and Operation of the Operations Support Center"
- [5] EPIP-8, "Personnel Accountability and Evacuation"
- [6] EPIP-10, "Medical Emergency Response"
- [7] EPIP-11, "Security and Access Control"
- [8] EPIP-13, "Termination and Recovery"
- [9] EPIP-14, "Radiological Control Response"
- [10] EPIP-16, "Initial Dose Assessment for Radiological Emergencies"
- [11] CECC EPIP-9, "Emergency Environmental Radiological Monitoring Procedures"
- [12] 10 CFR 50.72 *Immediate Notification Requirements for Operating Nuclear Power Reactors*
- [13] NUREG 0654, FEMA-REP-1, Rev. 1, *Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.*
- [14] ANSI N18.7-1976
- [15] NRC INFORMATION NOTICE 2002-14
- [16] SPP-3.5 "Regulatory Reporting Requirements"
- [17] SPP-3.1 "Corrective Action Program"

## 3.0 INSTRUCTIONS

Date \_\_\_\_\_

**NOTE** Steps not required to be performed may be N/A'd.

- 3.1 Upon determining that existing conditions are classified as an SITE AREA EMERGENCY according to EPIP-1 (independent evaluations by crew members may be beneficial), the SED, or designee, will:

**NOTE 1** IF ongoing onsite Security events may present risk to the emergency responders, **THEN... CONSULT** with Security to determine if site access is dangerous to the life and health of emergency responders.

**NOTE 2** IF ongoing events makes site access dangerous to the life and health of emergency responders **WHEN** activating EPS... **SELECT STAGING AREA** button on the terminal **INSTEAD** of the EMERGENCY button. Personnel will be directed to the Training Center CR 19 (LNC).

1. **DIRECT** Shift Personnel to activate the Emergency Paging System (EPS) to staff the TSC and Operations Support Center (OSC). Shift Personnel should confirm activation and provide the 20 minute printed report to the SM for review.

  - A. **IF** the EPS system fails, call the ODS, ringdown or (5-751-1700) and have him activate the EPS.
  - B. **IF** the above methods of activating the EPS fail, Shift Personnel must use the Radiological Emergency Response Call Lists to staff the TSC and OSC. This list is located in the EPS Manual near the terminal.

2. **INITIATE** Appendix A, Notification Information.

**NOTE:** ODS should be notified within **5 minutes** after declaration of the event.

3. **NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **PROVIDE** the information from Appendix A.

\_\_\_\_\_  
Initial Time

**IF** the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the Radiological Emergency Plan activation by calling 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400.

4. **ANNOUNCE** to the crew: "An Site Area Emergency is being declared based on \_\_\_\_\_. I will be the Site Emergency Director."

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

- 5. **FAX** Appendix A to the ODS. (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.

**CAUTION** If there is any possibility of a radiological release, A severe weather condition (such as a Tornado) or security adversary attack, HOLD assembly and accountability actions until these conditions have been resolved. Do not send personnel into areas of unknown radiological conditions or security risk without first contacting Radiological Control (RADCON) or Security.

- 6. **NOTIFY** Security (CAS) that assembly and accountability is to be conducted. Implement EPIP-8.

- 7. **ANNOUNCE** to the plant: "ATTENTION ALL SITE PERSONNEL. ATTENTION ALL SITE PERSONNEL. A SITE AREA EMERGENCY has been declared based on \_\_\_\_\_." \ /  
Initial Time

All personnel report to your assembly areas for accountability. Staff the TSC and OSC." (Repeat)

**SOUND** assembly alarm **AND**  
**INITIATE** WBN EPIP-8, "Personnel Accountability and Evacuation."

- 8. **CALL** RADCON Lab and **SAY**: "We are in an Site Area Emergency, implement WBN EPIP-14 "Radiological Control Response" and CECC EPIP-9."

- 9. **IF** there are personnel injuries, **IMPLEMENT** WBN EPIP-10, "Medical Emergency Response."

- 10. Security and Access Control will be implemented through WBN EPIP-11, "Security and Access Control."

- 11. **NOTIFY** Duty Plant Management in accordance with SPP-3.5 and **PROVIDE** SAE Notification information.

- 12. **EVALUATE** the need to implement EPIP-16, "Initial Dose Assessment for Radiological Emergencies," for a dose projection if radioactivity is being released through normal plant release paths.

- 13. **RECEIVE** confirmation call from the ODS ( to verify notification of the State of Tennessee) (NA this step, if the state was contacted directly).

**3.0 INSTRUCTIONS** (continued)

Date \_\_\_\_\_

**NOTE** NRC notification should be made as soon as practicable but within one hour of "SITE AREA EMERGENCY" declaration. Whenever NRC requests, a qualified person must provide a continuous update to NRC Operations Center.

- |     |  |                          |                       |
|-----|--|--------------------------|-----------------------|
|     |  |                          | _____<br>Initial Time |
| 14. | <b>NOTIFY</b> the NRC, using designated NRC phone (ENS), of plan activation. The following commercial numbers are for the NRC Operations Center:<br><br>9-1-301-816-5100 (MAIN)<br>9-1-301-951-0550 (BACKUP)<br>9-1-301-816-5151 (FAX) |                          |                       |
| 15. | <b>NOTIFY</b> the NRC Resident Inspector by calling 1776 and <b>PROVIDING</b> the information on Appendix A.   | <input type="checkbox"/> |                       |
| 16. | Once Assembly and Accountability has been <b>COMPLETED</b> , review EPIP 8, for actions associated with the evacuation of non-emergency responders. <b>IF</b> this action has already been initiated, disregard.                       | <input type="checkbox"/> |                       |
| 17. | <b>REEVALUATE</b> conditions using WBN EPIP-1 as necessary.  | <input type="checkbox"/> |                       |
|     | A. <b>IF</b> the conditions warrant upgrading to a higher classification, <b>INITIATE</b> the appropriate steps of WBN EPIP-5.   |                          |                       |
|     | B. <b>IF</b> other plant conditions warrant the need for followup information, <b>COMPLETE</b> the Followup Notification Form, Appendix B, and <b>NOTIFY</b> the TSC/CECC (if it is staffed) or,                                       |                          |                       |
|     | <b>NOTIFY</b> the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and <b>PROVIDE</b> the information.   |                          |                       |
|     | <b>IF</b> the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the information by calling: 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400                           |                          |                       |
|     | C. <b>IF</b> the conditions are under control, <b>INITIATE</b> actions identified in WBN EPIP-13, "Termination of the Emergency and Recovery."   |                          |                       |
|     | D.. <b>FAX</b> Appendix B to the ODS. (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.   |                          |                       |

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

- 18. **ENSURE** applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.
  
- 19. **SEND** the completed WBN EPIP-4 and associated documentation to the Emergency Preparedness (EP) Manager.

#### **4.0 RECORD RETENTION**

##### **4.1 Records of Classified Emergencies**

The materials generated in support of key actions during an actual emergency classified as a Site Area Emergency or higher are considered Lifetime retention Non-QA records. Materials shall be forwarded to the EP Manager who shall submit any records deemed necessary to demonstrate performance to the Corporate EP Manager for storage.

##### **4.2 Drill and Exercise Records**

The materials deemed necessary to demonstrate performance of key actions during drills are considered Non-QA records. These records shall be forwarded to the EP Manager who shall retain records deemed necessary to demonstrate six-year plan performance for six years. The EP Manager shall retain other records in this category for three years.

#### **5.0 ILLUSTRATIONS AND APPENDICES**

##### **5.1 Appendix A - TVA Initial Notification Form For Site Area Emergency**

The TVA Initial Notification Form For Site Area Emergency is used to initially notify the Operations Duty Specialist who notifies the Tennessee Emergency Management Agency.

##### **5.2 Appendix B - Site Area Emergency Follow-up Notification Form**

The Site Area Emergency Follow-up Notification Form is used to provide additional concerning other Alerts or other information concerning additional conditions to the ODS for State notification and event termination.

APPENDIX A (Page 1 of 1)  
 INITIAL NOTIFICATION FORM  
 SITE AREA EMERGENCY

1.  THIS IS A REAL EVENT                       THIS IS A DRILL

2. This is \_\_\_\_\_ at Watts Bar Nuclear Plant.  
     NAME

An **SITE AREA EMERGENCY** has been declared at Watts Bar Nuclear Plant affecting:

Unit 1                       Unit 2

3. **EAL Designator** (e.g., Fire 4.1): \_\_\_\_\_

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

5. **Radiological Conditions:**

- No Abnormal Releases Offsite
- Airborne Release Offsite
- Liquid Release Offsite
- Release Information Not Known at this time

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

7. **Provide Protective Action Recommendation.**

None

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



41 (2)

16 (1)

# FILING INSTRUCTIONS

DOCUMENT NUMBER EPTP-5

REMOVE REV 24      INSERT REV 25

COMMENTS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TENNESSEE VALLEY AUTHORITY  
WATTS BAR NUCLEAR PLANT  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

**EPIP-5**  
**GENERAL EMERGENCY**

REVISION 25

PREPARED BY: Frank Pavlechko

RESPONSIBLE ORGANIZATION: EMERGENCY PREPAREDNESS

APPROVED BY: Frank Pavlechko

EFFECTIVE DATE: August 26, 2002

LEVEL OF USE: REFERENCE USE

NON-QUALITY-RELATED

## Revision History

Revision Number	Implementation Date	Pages Affected	Description of Revision
19	3/30/01	All	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent change. Re-paginated. Revised phone numbers. Revised initial notification form to standardize within TVAN and meet new NEI PI requirements to the NRC. Revised PAR chart to meet requirements of RTM 96 Vol. 1 Rev. 4. Revised follow-up form to reflect changes in PAR chart.
20	4/25/01	All pg. 2, 9	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-Intent change. Corrected typo.
21	09/25/01	All pg.8	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent change. Procedure revised to Non-Quality related per requirements of NQAP & pending revision to SPP-2.2. The coversheet and records section of the procedure was revised to reflect this change.
22	01/24/02	All pg. 3,5, 6	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-intent change. Added step to receive ODS confirmation call to TEMA \Local Counties. This standardizes with other TVAN Units. Per NRC Safeguards Advisory, enhanced caution statement to include Security adversary attack.
23	06/05/02	All 3, 5 & 7	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Non-intent change(s): added fax number to TEMA.
24	07/30/02	All 3, 5, 6, 8	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent Change. Revised caution statement on assembly and accountability. Added Step 16 on Evacuation of Non Emergency Responders. Added NRC IN 2002-14 to the references.
25	08/26/02	ALL	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Substantial format modification for standardization with BFN/SQN was implemented in this revision. Reformatted and re-paginated as necessary. Reordered actions to be consistent with EPIP's 2, 3, 4. Added Section 5.0, Illustrations and Appendices Section to the body of the procedure. EPIP-5 was revised to implement actions to support the NRC Security Order including identification of a staging area for the ERO outside the Protected Area. This is an intent revision. Non-Intent: Corrected phone number for Rhea County EMA

**Table of Contents**

**1.0 PURPOSE**.....4

**2.0 REFERENCES**.....4

**3.0 INSTRUCTIONS**.....5

3.1 Activation of the REP By the SM/SED.....5

**4.0 RECORDS RETENTION**.....8

**5.0 ILLUSTRATIONS AND APPENDICES**.....8

Appendix A - TVA Initial Notification Form for General Emergency .....9

Appendix B - Protective Action Recommendation .....10

Appendix C - General Emergency Follow-up Notification Form.....11

## 1.0 PURPOSE

- 1.1 To provide a method for timely notification of appropriate individuals when the Shift Manager (SM) or Technical Support Center (TSC) Site Emergency Director (SED) has determined by WBN EPIP-1 that an incident has occurred which is classified as an GENERAL EMERGENCY.
- 1.2 To provide the SED/SM a method for periodic reanalysis of current conditions to determine whether the GENERAL EMERGENCY should be terminated or continued, or upgraded to a more serious condition.

## 2.0 REFERENCES

### 2.1 Interface Documents

- [1] EPIP-1, "Emergency Plan Classification Flowchart"
- [2] EPIP-6, "Activation and Operation of the Technical Support Center"
- [3] EPIP-7, "Activation and Operation of the Operations Support Center"
- [4] EPIP-8, "Personnel Accountability and Evacuation"
- [5] EPIP-10, "Medical Emergency Response"
- [6] EPIP-11, "Security Access Control"
- [6] EPIP-13, "Termination and Recovery"
- [7] EPIP-14, "Radiological Control Response"
- [8] EPIP-16, "Initial Dose Assessment for Radiological Emergencies"
- [9] CECC EPIP-9, "Emergency Environmental Radiological Monitoring Procedures"
- [10] 10 CFR 50.72 *Immediate Notification Requirements for Operating Nuclear Power Reactors*
- [11] NUREG 0654, FEMA-REP-1, Rev. 1, *Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.*
- [12] ANSI N18.7-1976
- [13] NRC INFORMATION NOTICE 2002-14
- [14] SPP-3.5 "Regulatory Reporting Requirements"
- [15] SPP-3.1 "Corrective Action Program"
- [16] 10 CFR-20
- [17] EPA-400-R-92-001

**3.0 INSTRUCTIONS**

Date \_\_\_\_\_

**NOTE** Steps not required to be performed may be N/A'd.

3.1 Upon determining that existing conditions are classified as an **GENERAL EMERGENCY** according to EPIP-1 (independent evaluations by crew members may be beneficial), the SED, or designee, will:

**NOTE 1** IF ongoing onsite Security events may present risk to the emergency responders, **THEN... CONSULT** with Security to determine if site access is dangerous to the life and health of emergency responders.

**NOTE 2** IF ongoing events makes site access dangerous to the life and health of emergency responders **WHEN** activating EPS... **SELECT STAGING AREA** button on the terminal **INSTEAD** of the **EMERGENCY** button. Personnel will be directed to the Training Center CR 19 (LNC).

- 1. **DIRECT** Shift Personnel to activate the Emergency Paging System (EPS) to staff the TSC and Operations Support Center (OSC). Shift Personnel should confirm activation and provide the 20 minute printed report to the SM for review. 
  - A. IF the EPS system fails, call the ODS, ringdown or (5-751-1700) and have him activate the EPS.
  - B. IF the above methods of activating the EPS fail, Shift Personnel must use the Radiological Emergency Response Call Lists to staff the TSC and OSC. This list is located in the EPS Manual near the terminal.
  
- 2. **INITIATE** Appendix A and B, Notification Information.

**NOTE:** ODS should be notified within 5 minutes after declaration of the event.

- 3. **NOTIFY** the ODS direct by ODS Ringdown or 5-751-1700 or 5-751-2495 and **PROVIDE** the information from Appendices A and B.

IF the ODS cannot be contacted within 10 minutes, then directly notify Rhea County, Meigs County, McMinn County, and the Tennessee Emergency Management Agency (TEMA) of the Classification.

Rhea County EMA	9-775-2506	_____ (TIME)
(Alternate)	9-775-7828	_____ (TIME)
Meigs County EMA	9-1-423-334-3211	_____ (TIME)
(Alternate)	9-1-423-334-5268	_____ (TIME)
McMinn County EMA	9-1-423-744-2724	_____ (TIME)
(Alternate)	9-1-423-744-2721	_____ (TIME)
Tennessee County EMA	9-1-800-262-3300	_____ (TIME)
(Alternate)	9-1-615-741-0001	_____ (TIME)
(Alternate)	9-1-800-262-3400	_____ (TIME)

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

- 4.     **ANNOUNCE** to the crew: "An General Emergency is being declared based on \_\_\_\_\_, I will be the Site Emergency Director."
- 5.     **FAX** Appendix A to the ODS.  
      (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.

**CAUTION**     **If there is any possibility of a radiological release, A severe weather condition (such as a Tornado) or security adversary attack, HOLD assembly and accountability actions until these conditions have been resolved. Do not send personnel into areas of unknown radiological conditions or security risk without first contacting Radiological Control (RADCON) or Security.**

- 6.     **IF** Assembly Alarm has **not** been activated, **NOTIFY** Security (CAS) that assembly and accountability is to be conducted. Initial Time  
      **SOUND** the assembly alarm **AND INITIATE** WBN EPIP-8, "Personnel Accountability and Evacuation"
- 7.     **ANNOUNCE** to the plant: "ATTENTION ALL SITE PERSONNEL, ATTENTION ALL SITE PERSONNEL. A GENERAL EMERGENCY has been declared based on \_\_\_\_\_ All plant personnel report to assembly areas for accountability. Staff the TSC and OSC." (Repeat)
- 8.     **CALL** RADCON Lab and **SAY**: "We are in an General Emergency, implement WBN EPIP-14 Radiological Control Response and CECC EPIP-9."
- 9.     **IF** there are personnel injuries, **IMPLEMENT** WBN EPIP-10, "Medical Emergency Response."
- 10.    Security and Access Control will be implemented through WBN EPIP-11, "Security and Access Control."
- 11.    **NOTIFY** Duty Plant Management in accordance with SPP-3.5 and **PROVIDE** General Emergency Notification Information.
- 12.    **EVALUATE** the need to implement EPIP-16, "Initial Dose Assessment for Radiological Emergencies," for a dose projection if radioactivity is being released through normal plant release paths.
- 13.    **RECEIVE** confirmation call from the ODS ( to verify notification of the State of Tennessee) (NA this step, if the state was contacted directly).

**3.0 INSTRUCTIONS (continued)**

Date \_\_\_\_\_

**NOTE** NRC notification should be made as soon as practicable but within one hour of "GENERAL EMERGENCY" declaration. Whenever NRC requests, a qualified person must provide a continuous update to NRC Operations Center.

- |     |   |   |
|-----|---|---|
| 14. | <p><b>NOTIFY</b> the NRC, using designated NRC phone (ENS), of plan activation. The following commercial numbers are for the NRC Operations Center:</p> <p style="margin-left: 20px;">9-1-301-816-5100 (MAIN)<br/>           9-1-301-951-0550 (BACKUP)<br/>           9-1-301-816-5151 (FAX)</p>  | <p style="text-align: right;">\</p> <p>Initial Time</p> |
| 15. | <p><b>NOTIFY</b> the NRC Resident Inspector by calling 1776 and <b>PROVIDING</b> the information on Appendix A.</p>   | <p><input type="checkbox"/></p>                         |
| 16. | <p>Once Assembly and Accountability has been <b>COMPLETED</b>, review EPIP 8, for actions associated with the evacuation of non-emergency responders. <b>IF</b> this action has already been initiated, disregard</p>   | <p><input type="checkbox"/></p>                         |
| 17. | <p><b>REEVALUATE</b> conditions using WBN EPIP-1 as necessary.</p> <p style="margin-left: 20px;">A. <b>IF</b> other plant conditions warrant the need for followup information, <b>COMPLETE</b> the Followup Notification Form, Appendix C, and <b>NOTIFY</b> the TSC/CECC (if it is staffed) or,</p> <p style="margin-left: 40px;"><b>NOTIFY</b> the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and <b>PROVIDE</b> the information. <b>IF</b> the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the information by calling: 9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400</p> <p style="margin-left: 20px;">B. <b>IF</b> the conditions are under control, <b>INITIATE</b> actions identified in WBN EPIP-13, "Termination of the Emergency and Recovery."</p> <p style="margin-left: 20px;">C.. <b>FAX</b> Appendix C to the ODS. (# pre-programmed or 5-751-8620), or TEMA at 9-1-615-242-9635.</p> | <p><input type="checkbox"/></p>                         |
| 17. | <p><b>ENSURE</b> applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.</p>   | <p><input type="checkbox"/></p>                         |
| 18. | <p><b>SEND</b> the completed WBN EPIP-5 and associated documentation to the Emergency Preparedness (EP) Manager.</p>  | <p><input type="checkbox"/></p>                         |

#### 4.0 RECORD RETENTION

##### 4.1 Records of Classified Emergencies

The materials generated in support of key actions during an actual emergency classified as a General Emergency are considered Lifetime retention Non-QA records. Materials shall be forwarded to the EP Manager who shall submit any records deemed necessary to demonstrate performance to the Corporate EP Manager for storage.

##### 4.2 Drill and Exercise Records

The materials deemed necessary to demonstrate performance of key actions during drills are considered Non-QA records. These records shall be forwarded to the EP Manager who shall retain records deemed necessary to demonstrate six-year plan performance for six years. The EP Manager shall retain other records in this category for three years.

#### 5.0 ILLUSTRATIONS AND APPENDICES

##### 5.1 Appendix A - TVA Initial Notification Form For General Emergency

The TVA Initial Notification Form For General Emergency is used to initially notify the Operations Duty Specialist who notifies the Tennessee Emergency Management Agency.

##### 5.2 Appendix B - Protective Action Recommendation Logic Diagram

The Protective Action Recommendation Logic Diagram is used to determine the Protective Action Recommendation which is made to the State and is part of the initial notification. Protective Action Recommendations are the responsibilities of the CECC Director after assuming the responsibility from the SED.

##### 5.3 Appendix C - General Emergency Follow-up Notification Form.

The General Emergency Follow-up Notification Form is used to provide additional information concerning other General Emergencies and other information concerning additional conditions to the ODS for State notification and event termination.

APPENDIX A (Page 1 of 1)  
 INITIAL NOTIFICATION FORM  
 GENERAL EMERGENCY

THIS IS A REAL EVENT

THIS IS A DRILL

This is \_\_\_\_\_ at Watts Bar Nuclear Plant.  
 NAME

There has been a **GENERAL EMERGENCY** declared at Watts Bar Nuclear affecting:

Unit 1

Unit 2

Event Declared: Time: \_\_\_\_\_ Date: \_\_\_\_\_

EAL Designator (e.g., Fission Product Barrier Matrix): \_\_\_\_\_

Brief Description of the Event:

---



---



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---

**Radiological Conditions:**

- No Abnormal Releases Offsite  
 Airborne Release Offsite  
 Liquid Release Offsite  
 Release Information Not Known at this time

**The following Protective Action Recommendation is provided**

- Recommendation 1 - Evacuate 2 mile radius and 10 miles downwind and shelter remainder of 10 mile EPZ.  
 Recommendation 2 - Evacuate 2 mile radius and 5 miles downwind and shelter remainder of 10 mile EPZ.

**Meteorological Conditions are:**

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

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

APPENDIX B  
(Page 1 of 1)

PROTECTIVE ACTION RECOMMENDATION

Note 1: If conditions are unknown utilizing the flowchart, then answer NO.

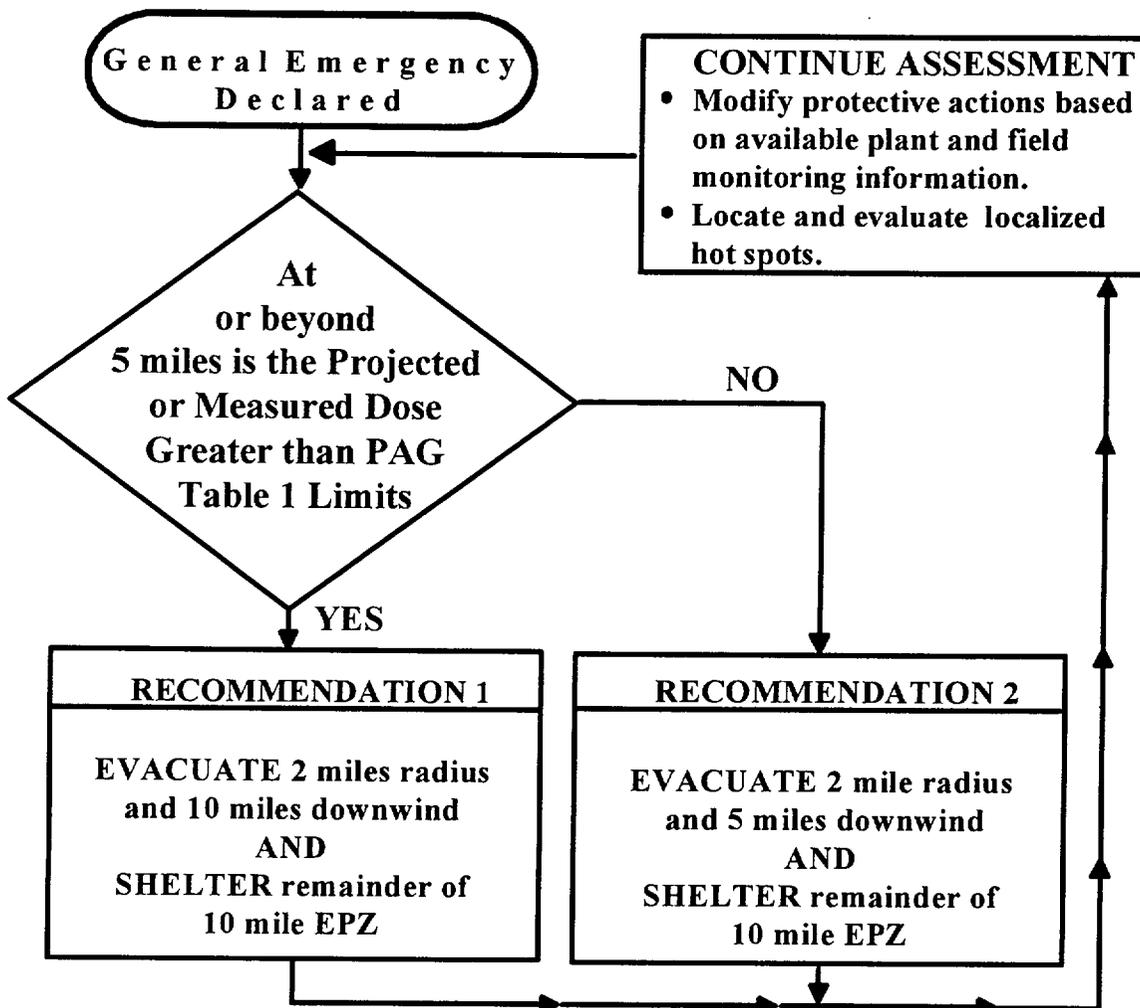


TABLE 1 Protective Action Guides	
TYPE	LIMIT
Measured	3.9E-6 microCi/cc of Iodine 131 or 1 REM/hr External Dose
Projected	1 REM TEDE or 5 REM Thyroid CDE

