



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

MAY 11 2001

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

10 CFR 50, App E.

Gentlemen:

In the Matter of )  
Tennessee Valley Authority )

Docket No. 50-390

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	15	Notification of Unusual Event	4-25-2001
EPIP-3	18	Alert	4-25-2001
EPIP-4	19	Site Area Emergency	4-25-2001
EPIP-5	20	General Emergency	4-25-2001
EPIP-7	14	Activation and Operation of the Operations Support Center	4-25-2001

Pages 11A and 11B for EPIP-1 , revision 16, are being reissued.  
These pages were issued as single pages (8½ X 11) but should have  
been issued as a single fold out page (11 X 17).

Filing instructions are included with these documents.

AD45

U.S. Nuclear Regulatory Commission  
Page 2

MAY 11 2001

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 (Enclosure)

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

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**MAY 11 2001**

PLP:JES

Enclosure

cc (w/o Enclosure):

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EDMS, WT 3B-K

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**FILING INSTRUCTIONS**

**EPIP-1**

**Remove**

**pages 11A & 11B (8 ½ x 11)**

**Insert**

**pages 11A & 11B (11 x 17 foldout)**

1.1 Fuel Clad Barrier	
1. Critical Safety Function Status	
LOSS	Potential LOSS
Core Cooling Red	Core Cooling Orange <b>OR</b> Heat Sink Red (RHR Not in Service)
-OR-	
2. Primary Coolant Activity Level	
LOSS	Potential LOSS
RCS sample activity is Greater Than 300 µCi/gm dose equivalent iodine-131	Not applicable
-OR-	
3. Incore TCs Hi Quad Average	
LOSS	Potential LOSS
Greater Than 1200°F	Greater Than 727°F
-OR-	
4. Reactor Vessel Water Level	
LOSS	Potential LOSS
Not Applicable	VALID RVLIS level <33% (No RCP running)
-OR-	
5. Containment Radiation Monitors	
LOSS	Potential LOSS
VALID reading increase of Greater Than:  74 R/hr On 1-RE-90-271 and 272 <b>OR</b> 59 R/hr On 1-RE-90-273 and 274	Not Applicable
-OR-	
6. Site Emergency Director Judgment	
Any condition that, in the Judgment of the SM/SED, Indicates Loss or Potential Loss of the Fuel Clad Barrier Comparable to the Conditions Listed Above.	

1.2 RCS Barrier	
1. Critical Safety Function Status	
LOSS	Potential LOSS
Not Applicable	Pressurized Thermal Shock Red <b>OR</b> Heat Sink Red (RHR Not in Service)
-OR-	
2. RCS Leakage/LOCA	
LOSS	Potential LOSS
RCS Leak results in Loss of subcooling (<65°F Indicated), [85°F ADV]	Non Isolatable RCS Leak Exceeding The Capacity of One Charging Pump (CCP) In the Normal Charging Alignment. <b>OR</b> RCS Leakage Results In Entry Into E-1
-OR-	
3. Steam Generator Tube Rupture	
LOSS	Potential LOSS
SGTR that results in a safety injection actuation- <b>OR</b> Entry into E-3	Not Applicable
-OR-	
4. Reactor Vessel Water Level	
LOSS	Potential LOSS
VALID RVLIS level <33% (No RCP Running)	Not Applicable
-OR-	
5. Site Emergency Director Judgment	
Any condition that, in the Judgment of the SM/SED, Indicates Loss or Potential Loss of the RCS Barrier Comparable to the Conditions Listed Above.	

1.3 CNTMT Barrier	
1. Critical Safety Function Status	
LOSS	Potential LOSS
Not Applicable	Containment (FR-Z.1) Red <b>OR</b> Actions of FR-C.1 (Red Path) are INEFFECTIVE
-OR-	
2. Containment Pressure/Hydrogen	
LOSS	Potential LOSS
Rapid unexplained decrease following initial increase <b>OR</b> Containment pressure or Sump level Not increasing (with LOCA in progress)	Containment Hydrogen Increases to >4% by volume <b>OR</b> Pressure >2.8 PSIG (Phase B) with < One full train of Containment spray
-OR-	
3. Containment Isolation Status	
LOSS	Potential LOSS
Containment Isolation is Incomplete AND a Release Path to the Environment Exists	Not Applicable
-OR-	
4. Containment Bypass	
LOSS	Potential LOSS
RUPTURED S/G is also FAULTED outside CNTMT <b>OR</b> Prolonged (>4 Hours) Secondary Side release outside CNTMT from a S/G with a SGTL > T/S Limits	Unexplained VALID increase in area or ventilation RAD monitors in areas adjacent to CNTMT (with LOCA in progress)
-OR-	
5. Significant Radioactivity in Containment	
LOSS	Potential LOSS
Not Applicable	VALID Reading increase of Greater Than:  108 R/hr on 1-RE-90-271 and 1-RE-90-272 <b>OR</b> 86 R/hr on 1-RE-90-273 and 1-RE-90-274
-OR-	
5. Site Emergency Director Judgment	
Any condition that, in the Judgment of the SM/SED, Indicates Loss or Potential Loss of the CNTMT Barrier Comparable to the Conditions Listed Above.	

Modes: 1, 2, 3, 4

INSTRUCTIONS

NOTE: A condition is considered to be MET if, in the judgment of the Site Emergency Director, the condition will be MET imminently (i.e., within 1 to 2 hours, in the absence of a viable success path). The classification shall be made as soon as this determination is made.

- In the matrix to the left, review the INITIATING CONDITIONS in all columns and identify which, if any, INITIATING CONDITIONS are MET. Circle these CONDITIONS.
- For each of the three barriers, identify if any LOSS or Potential LOSS INITIATING CONDITIONS have been MET.
- If a CSF is listed as an INITIATING CONDITION; the respective status tree criteria will be monitored and used to determine the EVENT classification for the Modes listed on the classification flowchart.
- Compare the barrier losses and potential losses to the EVENTS below and make the appropriate declaration.

EVENTS

UNUSUAL EVENT	ALERT
Loss or Potential LOSS of Containment Barrier	Any LOSS or Potential LOSS of Fuel Clad barrier  OR Any LOSS or Potential LOSS of RCS barrier
SITE AREA EMERGENCY	GENERAL EMERGENCY
LOSS or Potential LOSS of any two barriers	LOSS of any two barriers and Potential LOSS of third barrier

F I S S I O N P R O D U C T B A R R I E R M A T R I X U 1

**FILING INSTRUCTIONS**

**EPIP-2**

**Remove**

**EPIP-2, Revision 14**

**Insert**

**EPIP-2, Revision 15**

**TENNESSEE VALLEY AUTHORITY**

**WATTS BAR NUCLEAR PLANT**

**EMERGENCY PLAN IMPLEMENTING  
PROCEDURES**

**EPIP-2**

**NOTIFICATION OF UNUSUAL EVENT**

Revision 15

Unit 0

**QUALITY RELATED**

PREPARED BY: Frank L. Pavlechko  
(Type Name)

SPONSORING ORGANIZATION: Emergency Planning

APPROVED BY Frank L. Pavlechko

EFFECTIVE DATE: 4/25/01

LEVEL OF USE: REFERENCE

### REVISION LOG

Revision Number	Implementation Date	Description of Revision	
0	04/13/90	Superseded IP-2	
1	04/01/91	Editorial and format changes	
2	01/22/92	Editorial and format changes	
3	02/10/93	Add Section 2.0 Responsibility. Add Site Emergency Director announcements to Section 3.0. Change Section 3.0 to reflect removal of red Emergency Notification System ring-down phones which are being replaced by NRC designated phones which will require dialing a number. Add 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.	
4	08/16/93	Editorial (non-intent) and format changes. Source notes added to the procedure.	
5	05/27/94	Follow-up notification form added to the procedure. Phone numbers revised.	
6	08/01/94	Initial Dose Assessment for Radiological Emergencies (EPIP-16) referenced and phone numbers to the NRC Response Center revised.	
7	04/21/95	Phone number revised. Editorial (non-intent) changes made.	
Revision Number	Implementation Date	Pages Affected	Description of Revision
CN-1	09/28/95	4, 5	Phone numbers revised (new area code). Editorial (non-intent) changes made.
8	7/5/96	4,5,6,7,8	Phone number and titles revised. Procedure (TI-30) replacement identified. All revisions were evaluated to be non-intent.
9	10/10/96	3,4,5, 8,9	The following non-intent revisions were made: SM designee identified by title, OSC and TSC support personnel instruction added, a reference was added and the non-QA record instructions revised.
CN-1	3/27/97	3,5,6	TEMA additional back-up number added.



<b>WBN</b>	<b>NOTIFICATION OF UNUSUAL EVENT</b>	<b>EPIP-2 Revision 15 Page 3 of 12</b>
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<b>Revision Number</b>	<b>Implementation Date</b>	<b>Pages Affected</b>	<b>Description of Revision</b>
CN-2	2/2/98	3,5,7,8	SSP-4.05 was replaced by SPP-3.5 in new procedure system. Editorial.
10	6/30/98	All	Non-Intent Change. Incorporated Change Notices 1 and 2. Changed reference SSP 3.4 to SPP 3.1.
11	10/21/99	All	Non Intent Change. Moved termination of emergency step from Appendix A to Appendix B. STD-3.2 reference canceled.
12	6/14/00	All	Non Intent Change. Revised reference number. Added backup call to the ODS should the EPS fail to operate. Added the word actions after notifications in Step 4 for clarification.
13	10/31/00	All pg. 5	Non-Intent change. Revised NRC dedicated phones from FTS-2000 to TVA phone circuits per (RIS) 2000-11 "NRC Emergency Telecommunications Systems".
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	All pg. 2, 10	4/25/01	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.

<b>WBN</b>	<b>NOTIFICATION OF UNUSUAL EVENT</b>	<b>EPIP-2 Revision 15 Page 4 of 12</b>
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## **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**.<sup>5</sup>
- 1.2 To provide a method for periodic reanalysis of the current situation by the SED to determine whether the **NOTIFICATION OF UNUSUAL EVENT** action(s) should be terminated, continued or upgraded to another classification.

## **2.0 RESPONSIBILITY**

The SED who is initially the SM (or other SM on-site during the emergency) or designee (Unit Supervisor, US) until properly relieved by the TSC SED, has the responsibility and authority for implementation of the action(s) in this instruction.<sup>5</sup>

## **3.0 INSTRUCTIONS**

- 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:<sup>4, 5</sup>
1. **IF** there are personnel injuries, **IMPLEMENT** EPIP-10, "Medical Emergency Response."
  2. **COMPLETE** Appendix A, Notification Information
  3. **ANNOUNCE** to the crew: "A Notification of Unusual Event is being declared based on \_\_\_\_\_. I will be the Site Emergency Director."

<b>WBN</b>	<b>NOTIFICATION OF UNUSUAL EVENT</b>	<b>EPIP-2 Revision 15 Page 5 of 12</b>
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4. **NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **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.<sup>2</sup>
5. **FAX** Appendix A to the ODS. (# pre-programmed or 5-751-8620.)
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)
7. **NOTIFY** Duty Plant Manager, and **PROVIDE** Appendix A information (**SEE** duty list for telephone numbers). The Duty Plant Manager will call the Plant Manager or alternate.
8. **IF** TSC and OSC support is needed, **ACTIVATE** the emergency paging system (EPS).

**NOTE** If the EPS system fails, call the ODS ringdown or (5-751-1700) and have him activate the EPS.

9. **NOTIFY** NRC, using the designated NRC phone (ENS), of plan activation.

**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. The following commercial numbers are for the NRC Operations Center:<sup>3, 6</sup>

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

10. **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.

WBN	<b>NOTIFICATION OF UNUSUAL EVENT</b>	<b>EPIP-2 Revision 15 Page 6 of 12</b>
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### 3.0 INSTRUCTIONS (continued)

11. **NOTIFY WBN Emergency Preparedness.** □

**NOTE**

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

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

- A. **IF** the situation no longer exists, **TERMINATE** the emergency by informing the ODS and the Duty Plant Manager.
- B. **IF** the condition warrants upgrading to a higher classification, **INITIATE** the appropriate steps of WBN EIPs 3, 4, or 5.
- C. **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.<sup>2</sup> □

WBN	NOTIFICATION OF UNUSUAL EVENT	EPIP-2 Revision 15 Page 7 of 12
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### 3.0 INSTRUCTIONS (continued)

13. **FAX** Appendix B to the ODS.  
(# pre-programmed or 5-751-8620.)

**CAUTION** If there is any possibility of a radiological release, do not send personnel into areas of unknown radiological conditions without first contacting Radiological Control.

14. **ENSURE** applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.
15. **NOTIFY** the NRC Resident Inspector by calling 1776 and **PROVIDING** the information on Appendix A.
16. After the event is terminated, **SEND** the completed WBN EPIP-2 and associated documentation to WBN Emergency Preparedness (EP) Manager. The EP Manager shall forward documentation to DCRM for storage as appropriate.

#### **4.0 REFERENCES**

##### **4.1 Interfacing Documents**

SPP-3.1 Corrective Action Program

SPP-3.5 Regulatory Reporting Requirements

WBN-EPIP-1 Emergency Plan Classification Flowchart

WBN-EPIP-3 Alert

WBN-EPIP-4 Site Area Emergency

WBN-EPIP-5 General Emergency

WBN-EPIP-10 Medical Emergency Response

WBN-EPIP-13 Termination of the Emergency and Recovery

WBN-EPIP-14 Radiological Control Response

WBN-EPIP-16 Initial Dose Assessment for Radiological Emergencies

CECC-EPIP-9 Emergency Environmental Radiological Monitoring  
Procedures

##### **4.2 Other Documents**

10 CFR 50.72 Immediate Notification Requirements for Operating  
Nuclear Power Reactors

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.

ANSI N 18.7 - 1976

<b>WBN</b>	<b>NOTIFICATION OF UNUSUAL EVENT</b>	<b>EPIP-2 Revision 15 Page 9 of 12</b>
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## **5.0 APPENDIX**

Appendix A, Notification Information

Appendix B, Follow-up Notification Form

## **6.0 RECORDS**

### **6.1 QA Records**

Entire EPIP-2, when the REP is activated, is a QA Record.

### **6.2 Non QA Records**

All EPIP-2 records generated during the course of a drill/exercise will be assembled by the EP Manager and stored appropriately.

APPENDIX A (Page 1 of 1)  
**INITIAL NOTIFICATION FORM**  
**NOTIFICATION OF UNUSUAL EVENT <sup>1,4</sup>**

THIS IS AN ACTUAL EVENT       THIS IS AN EXERCISE

This is \_\_\_\_\_  
NAME

A **NOTIFICATION OF UNUSUAL EVENT** has been declared at Watts Bar Nuclear Plant affecting:

Unit 1       Unit 2

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

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

**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

**There is no Protective Action Recommendation at this time.**

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



APPENDIX B (Page 1 of 1)

**WBN FOLLOW-UP INFORMATION FORM**  
**NOTIFICATION OF UNUSUAL EVENT**

1.     "THIS IS A REAL EVENT" or     "THIS IS A DRILL."
  
2.    "This is \_\_\_\_\_ at the Watts Bar Nuclear Plant.  
This is follow-up information regarding the Notification of Unusual Event at  
Watts Bar:    Unit 1         Unit 2 .
  
3.    "Reactor:    Shutdown         At power  "
  
4.    "Plant conditions are:    Stable         Deteriorating  "
  
5.    "Follow-up information: (e.g., key events, status changes)  
\_\_\_\_\_  
\_\_\_\_\_
  
6.    "The radiological conditions are:  
  
    No Abnormal Release Offsite  
    Airborne Release Offsite  
    Liquid Release Offsite  
    Release Information Not Known."
  
7.    "Additional Rad information: (e.g., release duration)  
\_\_\_\_\_  
\_\_\_\_\_
  
8.     "There is no Protective Action Recommendation at this time."
  
9.    "The event terminated at \_\_\_\_\_ / \_\_\_\_\_."  

Time                      Date
  
10.    "Please repeat the information you have received to ensure accuracy."
  
11.   \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  

Signature                      Time                      Date

<b>WBN</b>	<b>NOTIFICATION OF UNUSUAL EVENT</b>	<b>EPIP-2 Revision 15 Page 12 of 12</b>
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**SOURCE NOTES**

Page 1 of 1

- |   |  |
|---|--|
| 1 NRC IE Information Notice 89-89               | Event Notification Worksheets  |
| 2 NRC IE Information Notice 86-97               | Emergency Communications System  |
| 3 NRC IE Information Notice 86-28               | Telephone Numbers to the NRC Operations Center and Regional Offices.       |
| 4 MC 840827 00500 4A, MSC-02375, NCO 9200 30985 | Section 3.0 Instructions, 3.1, and Appendix A (Page 1 of 1).               |
| 5 ANSI N18.7-1976<br>Subsection 5.3.9.3: 01POR  | EIPs will contain the following elements.                                  |
| 6 NRC Administrative Letter 94-04               | Change of NRC Operation Center commercial telephone and facsimile numbers. |

# FILING INSTRUCTIONS

## EPIP-3

Remove

EPIP-3, Revision 17

Insert

EPIP-3, Revision 18

**TENNESSEE VALLEY AUTHORITY**

**WATTS BAR NUCLEAR PLANT**

**EMERGENCY PLAN IMPLEMENTING  
PROCEDURES**

**EPIP-3**

**ALERT**

Revision 18

Unit 0

**QUALITY RELATED**

PREPARED BY: Frank L. Pavlechko  
(Type Name)

SPONSORING ORGANIZATION: Emergency Planning

APPROVED BY: Frank L. Pavlechko

EFFECTIVE DATE: 4/25/01

LEVEL OF USE: REFERENCE

**REVISION LOG**

Revision Number	Implementation Date	Description of Revision	
0	04/13/90	Superseded IP-3	
1	04/01/91	Editorial and format changes.	
2	01/22/92	Enhanced with human factor editorial changes and updated references.	
3	02/10/93	Insert Section 2.0 Responsibility. Add Site Emergency Director announcements to Section 3.0. Change title of Plant Duty Supervisor to Duty Plant Manager. Change Section 3.0 to reflect removal of red Emergency Notification System ring-down phones which are being replaced by NRC designated phones which will require dialing a number. Modify Appendix A so that when faxed or copied, last few lines will not be excluded. Removed notes which addressed steps that have already been performed. NUREG 0654, FEMA-REP-1, Rev.1, <i>Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in support of Nuclear Power Plants.</i>	
4	8/16/93	Editorial (non-intent) and format changes. Source notes added to the procedure.	
5	1/1/94	Added NRC Resident call as Step 16.	
6	01/11/94	Included notifying Security (CAS) on Step 9. changed wording on Step 17 to initiate WBN EPIP-13.	
7	05/27/94	Followup Notification Form added to the procedure. Phone numbers revised.	
8	8/1/94	Initial Dose Assessment for Radiological Emergencies (EPIP-16) referenced and phone numbers to the NRC Response Center revised.	
9	10/14/94	Revised phone number.	
10	04/21/95	Revised phone numbers. Editorial (non-intent) changes made.	
Revision Number	Implementation Date	Pages Affected	Description of Revision
1	7/5/96	4,5,7,8	Phone number and titles revised. Procedure replacement (TI-30) identified. All revisions were evaluated to be non-intent
2	10/10/96	3,4,8,9	The following non-intent revisions were made: Shift Personnel replaced Shift Clerk to reflect additional personnel trained on the paging system, SM designee identified by title, a phone number added, a reference was added and the non-QA record instructions were revised.

Revision Number	Implementation Date	Pages Affected	Description of Revision
CN-1	3/27/97	3,5,7	TEMA added alternate phone number.
CN-2	2/2/98	3, 5, 7, 8	SSP-4.05 was replaced by SPP-3.5 in new procedure system. Editorial changes.
13	6/30/98	All	Non-Intent Changes. Incorporated Change Notices 1 and 2. Changed reference SSP 3.4 to SPP 3.1.
14	10/21/99	All	Non Intent Change. Moved termination of emergency step from Appendix A to Appendix B. STD-3.2 referenced canceled.
15	06/14/00	All	Non Intent Change. Revised reference number. Added reference to the direct line to the ODS for clarification. Added the word actions after notifications in Step 19 for clarification.
16	10/31/00	All pg. 6	Non-Intent change. Revised NRC dedicated phones from FTS-2000 to TVA phone circuits per (RIS) 2000-11 "NRC Emergency Telecommunications Systems".
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.

<b>WBN</b>	<b>ALERT</b>	<b>EPIP-3</b> <b>Revision 18</b> <b>Page 4 of 12</b>
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## 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.<sup>4</sup>
- 1.2 To provide a method for periodic reanalysis of the current situation by the SED to determine whether the ALERT should be terminated, continued or upgraded to another classification.

## 2.0 RESPONSIBILITY<sup>4</sup>

The SED who is initially the SM (or other SM onsite during the emergency) or designee (Unit Supervisor, US) until properly relieved by the TSC SED, has the responsibility and authority for implementation of the actions in this instruction.

## 3.0 INSTRUCTIONS<sup>4</sup>

- 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:

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.

**NOTE 1** IF the EPS systems fails, call the ODS, ringdown or (5-751-1700) and have him activate the EPS.

**NOTE 2** IF the above methods of activating the EPS fail, the 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. **COMPLETE** Appendix A, Notification Information.
3. **ANNOUNCE** to the crew: "An Alert is being declared based on \_\_\_\_\_ . I will be the Site Emergency Director."

**3.0 INSTRUCTIONS** (continued)

4. **NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **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.<sup>2</sup>
  
5. **FAX** Appendix A to the ODS. (No. pre-programmed or 5-751-8620.)
  
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)
  
7. **EVALUATE** plant conditions, and **IF** conditions warrant, **INITIATE** assembly and accountability by completing steps 8 and 9. (For additional details, go to WBN EPIP-8, "Personnel Accountability and Evacuation"). **IF** you are not going to initiate assembly and accountability, **GO TO** step 10.
  
8. **NOTIFY** Security (CAS) that assembly and accountability is to be conducted.

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

9. **ANNOUNCE** to the plant: "ATTENTION ALL SITE PERSONNEL. ATTENTION ALL SITE PERSONNEL. Report to your assembly areas for accountability" (Repeat) **AND ACTIVATE** assembly alarm for personnel assembly and accountability. **INITIATE** WBN EPIP-8, "Personnel Accountability and Evacuation."<sup>1</sup>
  
10. **CALL** RADCON Lab and **SAY**: "We are in an Alert, implement WBN EPIP-14 and CECC EPIP-9."



**3.0 INSTRUCTIONS** (continued)

- 11. **IF** there are personnel injuries, **IMPLEMENT** WBN EPIP-10, "Medical Emergency Response."
- 12. **IF** there is a security threat, **IMPLEMENT** WBN EPIP-11, "Security and Access Control."
- 13. **NOTIFY** Duty Plant Manager, and **PROVIDE** Appendix A information (**SEE** duty list for telephone numbers). The Duty Plant Manager will call the Plant Manager or his alternate.
- 14. **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.
- 15. **NOTIFY** the NRC, using designated NRC phone (ENS), of plan activation.

**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. The following commercial numbers are for the NRC Operations Center:<sup>3,5</sup>

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

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

<b>WBN</b>	<b>ALERT</b>	<b>EPIP-3</b> <b>Revision 18</b> <b>Page 7 of 12</b>
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### 3.0 INSTRUCTIONS (continued)

17. **REEVALUATE** conditions using WBN EPIP-1 as necessary.
- A. **IF** the conditions are under control, **INITIATE** actions identified in WBN EPIP-13, "Termination of the Emergency and Recovery."
- B. **IF** the conditions warrant upgrading to a higher classification, **INITIATE** the appropriate steps of WBN EPIP-4 or EPIP-5.
- C. **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<sup>2</sup>
18. **FAX** Appendix B to the ODS.   
(No. pre-programmed or 5-751-8620.)
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. The EP Manager shall forward documentation to DCRM for storage as appropriate.

#### 4.0 REFERENCES

##### 4.1 Interfacing Documents

*SPP-3.5 Regulatory Reporting Requirements*

*SPP-3.1 Corrective Action Program*

*WBN-EPIP-1 Emergency Plan Classification Flowchart*

*WBN-EPIP-2 Notification of Unusual Event*

*WBN-EPIP-4 Site Area Emergency*

*WBN-EPIP-5 General Emergency*

*WBN-EPIP-10 Medical Emergency Response*

*WBN-EPIP-11 Security and Access Control*

*WBN-EPIP-13 Termination of the Emergency and Recovery*

*WBN-EPIP-16 Initial Dose Assessment for Radiological Emergencies*

*CECC-EPIP-9 Emergency Environmental Radiological Monitoring Procedures*

##### 4.2 Other Documents

*10 CFR 50.72 Immediate Notification Requirements for Operating Nuclear Power Reactors*

*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.*

*ANSI N18.7-1976*

*CECC-EPIP-8 Dose Assessment Staff Activities During Nuclear Plant Radiological Emergencies*

<b>WBN</b>	<b>ALERT</b>	<b>EPIP-3 Revision 18 Page 9 of 12</b>
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**5.0 APPENDIX**

Appendix A, Notification Information

Appendix B, Followup Notification Form

**6.0 RECORDS**

**6.1 QA Records**

Entire WBN EPIP-3, when the REP is activated, is a QA Record.

**6.2 Non-QA Records**

All EPIP-3 records generated during the course of a drill/exercise will be assembled by the EP Manager and stored appropriately.

APPENDIX A (Page 1 of 1)  
INITIAL NOTIFICATION FORM <sup>1</sup>  
ALERT

THIS IS A REAL EVENT                       THIS IS A DRILL

This is \_\_\_\_\_  
NAME

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

Unit 1                       Unit 2

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

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

**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

**There is no Protective Action Recommendation at this time.**

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



<b>WBN</b>	<b>ALERT</b>	<b>EPIP-3</b> <b>Revision 18</b> <b>Page 12 of 12</b>
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**SOURCE NOTES**  
Page 1 of 1

- 1 NRC IE Information Notice No. 89-89 *Event Notification Worksheets*
- 2 NRC IE Information Notice No. 86-97 *Emergency Communications System*
- 3 NRC IE Information Notice No. 86-28 *Telephone Numbers to the NRC Operations Center and Regional Offices*
- 4 ANSI N18.7-1976  
Subsection 5.3.9.3: 01POI *EPIPs will contain the following elements.*
- 5 NRC Administrative Letter 94-04 *Change of NRC Operations Center commercial telephone and facsimile numbers.*

**FILING INSTRUCTIONS**

**EPIP-4**

**Remove**

**EPIP-4, Revision 18**

**Insert**

**EPIP-4, Revision 19**



**TENNESSEE VALLEY AUTHORITY**

**WATTS BAR NUCLEAR PLANT**

**EMERGENCY PLAN IMPLEMENTING  
PROCEDURES**

**EPIP-4**

**SITE AREA EMERGENCY**

Revision 19

Unit 0

**QUALITY RELATED**

PREPARED BY: Frank L. Pavlechko  
(Type Name)

SPONSORING ORGANIZATION: Emergency Planning

APPROVED BY: Frank L. Pavlechko

EFFECTIVE DATE: 4/25/01

LEVEL OF USE: REFERENCE

<b>WBN</b>	<b>SITE AREA EMERGENCY</b>	<b>EPIP-4 Revision 19 Page 2 of 12</b>
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**REVISION DESCRIPTION**

<b>Revision Number</b>	<b>Implementation Date</b>	<b>Description of Revision</b>	
0	04/13/90	Superseded IP-4.	
1	04/01/91	Editorial and format changes.	
2	01/22/92	Improved human factoring (pages 2-4) and updated references. Add a step for SM Clerk to provide EPS activation confirmation to SM. Specify EAL unique identifier in event description (Attachment 1).	
3	02/10/93	Add Section 2.0 Responsibility. Add Site Emergency Director announcements to Section 3.0. Change title of Plant Duty Supervisor to Duty Plant Manager. Change Section 3.0 to reflect removal of red Emergency Notification System ring-down phones which are being replaced by NRC designated phones which will require dialing a number. Modify Appendix A so that when faxed or copied, last few lines will not be excluded. Removed notes which addressed steps that have already been performed. NUREG 0654, FEMA-REP-1, Rev.1, <i>Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in support of Nuclear Power Plants.</i>	
4	8/16/93	Editorial (non-intent) and format changes. Source notes added to the procedure.	
5	1/1/94	Added NRC Resident Call as Step 14.	
6	4/11/94	Included notifying Security (CAS) on Step 7 and changed Step 15 to initiate WBN EPIP-13. Added county contingency notifications to Step 4.	
7	5/27/94	Followup Information Form added to the procedure. Phone numbers revised.	
8	8/1/94	Initial Dose Assessment for Radiological Emergencies (EPIP-16) referenced and phone numbers to the NRC Response Center revised.	
9	10/14/94	Revised phone number to McMinn County.	
10	4/21/95	Revised a phone number. Editorial (non-intent) change made.	
<b>Revision Number</b>	<b>Implementation Date</b>	<b>Pages Affected</b>	<b>Description of Revision</b>
CN-1	9/28/95	5	Revised phone numbers. Editorial (non-intent) changes made.
11	7/5/96	4,5,7,8	Phone number and titles revised. Procedure replacement (TI-30) identified. All revisions were evaluated to be non-intent.

<b>Revision Number</b>	<b>Implementation Date</b>	<b>Pages Affected</b>	<b>Description of Revision</b>
12	10/10/96	3,4,5,8,9,10	The following non-intent revisions were made: Shift Personnel replaced Shift Clerk to reflect additional personnel trained on the paging system, SM designee identified by title, a phone number was added, assembly and accountability instruction enhanced, a reference was added, the non-QA record instructions were revised, and wind speed and direction were added to the initial notification form per TEMA request.
CN-1	3/27/97	3,5,6,7	TEMA additional back-up number added, changed county primary and back-up numbers
CN-2	7/31/97	3,5	Phone number change.
CN-3	2/2/98	3,5,7,8	SSP-4.05 was replaced by SPP-3.5. Editorial change.
13	6/30/98	All	Non-intent changes. Incorporated Changes Notices 1, 2 and 3. Changed reference SSP 3.4 to SPP 3.1.
14	10/21/99	All	Non-intent change. Moved termination of emergency step from Appendix A to Appendix B. STD-3.2 reference canceled.
15	02/08/00	ALL	Non- Intent change. Phone numbers revised.
16	06/14/00	All	Non Intent change. Reference number revised. Phone number revised. Added the word actions after notifications in Step 17 for clarification. Added reference to the ODS, direct line for clarification. This revision resolves problem identified in WBN PER, 006394.
17	10/31/00	All pg. 6	Non-Intent change. Revised NRC dedicated phones from FTS-2000 to TVA phone circuits per (RIS) 2000-11 "NRC Emergency Telecommunications Systems".
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.

<b>WBN</b>	<b>SITE AREA EMERGENCY</b>	<b>EPIP-4 Revision 19 Page 4 of 12</b>
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## **1.0 PURPOSE<sup>4</sup>**

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

## **2.0 RESPONSIBILITY<sup>4</sup>**

The SED who is initially the SM (or other SM onsite during the emergency) or designee (Unit Supervisor, US) until properly relieved by the TSC SED, has the responsibility and authority for implementation of the actions in this instruction.

## **3.0 INSTRUCTIONS**

- 3.1 Upon determining that existing conditions are classified as a SITE AREA EMERGENCY according to WBN EPIP-1 (independent evaluations by crew members may be beneficial), the SED, or designee, will:<sup>4</sup>

1. **DIRECT** the 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. □

**NOTE 1** IF the EPS system fails, call the ODS, ringdown or (5-751-1700) and have him activate the EPS.

**NOTE 2** 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.

**3.0 INSTRUCTIONS (continued)**

- 2. **COMPLETE** Appendix A Notification Information.
- 3. **ANNOUNCE** to the crew: "A Site Area Emergency is being declared based on \_\_\_\_\_. I will be the Site Emergency Director, all support and job assignments must be authorized through me."
- 4. **NOTIFY** the ODS direct by ODS Ringdown or No. 5-751-1700 or 5-751-2495 and **PROVIDE** the information from Appendix A.

**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	9-775-2505	____(TIME)
(Alternate)	9-775-7828	____(TIME)
Meigs County EMA	9-1-423-334-3211	____(TIME)
(Alternate)	9-1-423-334-5268	____(TIME)
McMinn County	9-1-423-744-2724	____(TIME)
(Alternate)	9-1-423-744-2721	____(TIME)
Tennessee EMA	9-1-800-262-3300	____(TIME)
(Alternate)	9-1-615-741-0001	____(TIME)
(Alternate)	9-1-800-262-3400	____(TIME)

- 5. **FAX** Appendix A to the ODS.  
(No. pre-programmed or 5-751-8620.)

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

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

**3.0 INSTRUCTIONS (continued)**

7. **ANNOUNCE** to the plant: "ATTENTION ALL SITE PERSONNEL. ATTENTION ALL SITE PERSONNEL. A SITE AREA EMERGENCY has been declared based on \_\_\_\_\_. 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 a Site Area Emergency, implement WBN EPIP-14 and CECC EPIP-9."
9. **IF** there are personnel injuries, **IMPLEMENT** WBN EPIP-10, "Medical Emergency Response".
10. **IF** there is a security threat, **IMPLEMENT** WBN EPIP-11, "Security and Access Control".
11. **NOTIFY** Duty Plant Manager, **and PROVIDE** Appendix A information (SEE duty list for telephone numbers). The Duty Plant Manager will call the Plant Manager or alternate.
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. **NOTIFY** the NRC, using designated NRC phone (ENS), of plan activation.

**NOTE**

NRC notification should be made as soon as practicable, within one hour of "SITE AREA EMERGENCY" declaration. Whenever NRC requests, a qualified person must provide a continuous update to NRC Operations Center. The following commercial numbers are for the NRC Operations Center:<sup>3,5</sup>

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

<b>WBN</b>	<b>SITE AREA EMERGENCY</b>	<b>EPIP-4 Revision 19 Page 7 of 12</b>
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**3.0 INSTRUCTIONS (continued)**

14. **NOTIFY** the NRC Resident Inspector by calling 1776 and **PROVIDING** the information on Appendix A.
15. **REEVALUATE** conditions using WBN EPIP-1 as necessary.
- A. **IF** the conditions are under control, **INITIATE** actions identified in WBN EPIP-13, "Termination of the Emergency and Recovery."
- B. **IF** conditions warrant upgrading to a higher classification, **INITIATE** the appropriate steps of WBN EPIP-5.
- C. **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<sup>2</sup>
16. **FAX** Appendix B to the ODS. (No. pre-programmed or 5-751-8620.)
17. **ENSURE** applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.
18. **SEND** the completed WBN EPIP-4 and associated documentation to the Emergency Preparedness (EP) Manager. The EP Manager shall forward documentation to DCRM for storage as appropriate.

<b>WBN</b>	<b>SITE AREA EMERGENCY</b>	<b>EPIP-4</b> <b>Revision 19</b> <b>Page 8 of 12</b>
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#### **4.0 REFERENCES**

##### **4.1 Interfacing Documents**

*SPP-3.1 Corrective Action Program*

*SPP-3.5 Regulatory Reporting Requirements*

*WBN-EPIP-1 Emergency Plan Classification Flowchart*

*WBN-EPIP-2 Notification of Unusual Event*

*WBN-EPIP-3 Alert*

*WBN-EPIP-5 General Emergency*

*WBN-EPIP-10 Medical Emergency Response*

*WBN-EPIP-11 Security and Access Control*

*WBN-EPIP-13 Termination of the Emergency and Recovery*

*WBN-EPIP-16 Initial Dose Assessment for Radiological Emergencies*

*CECC-EPIP-9 Emergency Environmental Radiological Monitoring Procedures*

##### **4.2 Other Documents**

*10 CFR 50.72 Immediate Notification Requirements for Operating Nuclear Power Reactors*

*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.*

*ANSI 18.7-1976*

*CECC-EPIP-8 Dose Assessment Staff Activities During Nuclear Plant Radiological Emergencies*



<b>WBN</b>	<b>SITE AREA EMERGENCY</b>	<b>EPIP-4</b> <b>Revision 19</b> <b>Page 9 of 12</b>
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## **5.0 APPENDIX**

Appendix A, Notification Information

Appendix B, Followup Notification Form

## **6.0 RECORDS**

### **6.1 QA Records**

Entire WBN EPIP-4, when the REP is activated, is a QA Record.

### **6.2 Non-QA Records**

All EPIP-4 records generated during the course of a drill/exercise will be assembled by the EP Manager and stored appropriately.

APPENDIX A (Page 1 of 1)  
**INITIAL NOTIFICATION FORM <sup>1</sup>**  
**SITE AREA EMERGENCY**

THIS IS A REAL EVENT                       THIS IS A DRILL

This is \_\_\_\_\_  
NAME

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

Unit 1                       Unit 2

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

**EAL Designator** (e.g., loss of AC 3.1): \_\_\_\_\_

**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

**There is no Protective Action Recommendation at this time.**

**Meteorological conditions are:**

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

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



<b>WBN</b>	<b>SITE AREA EMERGENCY</b>	<b>EPIP-4 Revision 19 Page 12 of 12</b>
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**SOURCE NOTES**

Page 1 of 1

- 1 NRC IE Information Notice No. 89-89 Event Notification Worksheets
- 2 NRC IE Information Notice No. 86-97 Emergency Communications System
- 3 NRC IE Information Notice No. 86-28 Telephone Numbers to the NRC Operations Center and Regional Offices
- 4 ANSI 18.7-1976,  
Subsection, 5.3.9.3: 01POI EIPs will contain the following elements.
- 5 NRC Administrative Letter 94-04 Change of NRC Operations Center commercial telephone and facsimile numbers.

**FILING INSTRUCTIONS**

**EPIP-5**

**Remove**

**EPIP-5, Revision 19**

**Insert**

**EPIP-5, Revision 20**

**TENNESSEE VALLEY AUTHORITY**

**WATTS BAR NUCLEAR PLANT**

**EMERGENCY PLAN IMPLEMENTING  
PROCEDURES**

**EPIP-5**

**GENERAL EMERGENCY**

Revision 20

Unit 0

**QUALITY RELATED**

PREPARED BY: Frank L. Pavlechko  
(Type Name)

SPONSORING ORGANIZATION: Emergency Planning

APPROVED BY: Frank L. Pavlechko

EFFECTIVE DATE: 4/25/01

LEVEL OF USE: REFERENCE

**REVISION LOG**

Revision Number	Implementation Date	Description of Revision	
0	04/13/90	Superseded IP-5.	
1	04/01/91	Reflect revision to AI 2.8.11 concerning SM designees for certain tasks. Convert ODS information to Attachment. Revised ODS communication methods.	
2	01/22/92	Improved human factoring and updated references.	
3	02/10/93	Changed coversheet. Added Section 2, Responsibility. Removed Note concerning steps previously done. In Section 3.1 included words concerning independent evaluating of crew members. Included parenthesis and changed wording to aid operators in what to say. Changed order of steps. Removed Notes 1 and 2 in Section 2.1 because of redundancy. Changed TEMA telephone number. Changed title of Plant Duty Supervisor to Duty Plant Manager. Removed (red phone) from Section 2.2 due to FTS 2000 installations. Added Step 15 to ensure applicable notification.	
4	08/16/93	Editorial (non-intent) and format changes. Source notes added to the procedure.	
5	1/1/94	Changes made to the Protective Action Recommendation Guidance to incorporate new 10 CFR 20 changes and EPA-400. Added NRC Resident call as Step 14.	
6	4/11/94	Included notifying Security (CAS) on Step 5 and changed Step 15 to initiate WBN EPIP-13. Added contingency county notifications to Step 6.	
7	5/27/94	Followup Notification Form was added to the procedure. Phone numbers revised.	
8	8/1/94	Initial Dose Assessment for Radiological Emergencies (EPIP-16) referenced and phone numbers to the NRC Response Center revised.	
9	10/14/95	Revised McMinn County phone number.	
10	4/21/95	Revised phone numbers. Editorial (non-intent) changes made.	
Revision Number	Implementation Date	Pages Affected	Description of Revision
CN-1	9/28/95	3,5,11	Revised phone numbers. Editorial (non-intent) changes made. All references to RM were changed to RE to make it consistent with site description documents.
11	7/5/96	4,5,6,7,8	Phone number and titles revised. Procedure replacement (TI-30) identified. All revisions were evaluated to be non-intent.
12	10/10/96	3,4,5,8,9	The following non-intent revisions were made: Shift Personnel replaced Shift Clerk to reflect additional personnel trained on the paging system, SM designee identified by title, a phone number was added, assembly and accountability instruction enhanced, a reference was added, and the non-QA record instructions were revised.
CN-1	3/27/97	3,5,6	TEMA additional back-up number added, counties changed phone numbers

<b>WBN</b>	<b>GENERAL EMERGENCY</b>	<b>EPIP-5 Revision 20 Page 3 of 12</b>
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Revision Number	Implementation Date	Pages Affected	Description of Revision
CN-2	2/2/98	3,5,6,7,8	SSP-4.05 was replaced by SPP-3.5. Editorial changes were made.
13	6/30/98	All	Non-intent Changes. Incorporated Change Notices 1 and 2. Changed reference SSP 3.4 to SPP 3.1.
14	10/21/99	All	Non-intent change. Moved termination step from Appendix A to Appendix C. STD-3.2 reference canceled.
15	02/08/00	All	Non-intent change. Revised phone number.
16	6/14/00	All	Non Intent change. Revised phone number. Reference number revised. Added reference to the ODS, direct line for clarification. Added the work actions after notifications in Step 17 for clarification. This revision resolves problem identified in WBN PER, 006394.
17	08/16/00	All (Pg. 3, 11)	Intent change. Revised CNTMT Rad Monitors (1-RE-90-271, 272, 273, & 274) readings to correspond with the new TI-RPS-162, "Response of the Primary Containment High Range Monitors" readings (Reference EDC-50600). This analysis resulted in a revision to Table 2 on the PAR Chart. This revision resolves action items from CORP PER-99-000038-000. This revision was also determined not to reduce the level of effectiveness of the procedure or REP.
18	10/31/00	All pg. 6	Non-Intent change. Revised NRC dedicated phones from FTS-2000 to TVA phone circuits per (RIS) 2000-11 "NRC Emergency Telecommunications Systems".
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.



<b>WBN</b>	<b>GENERAL EMERGENCY</b>	<b>EPIP-5 Revision 20 Page 4 of 12</b>
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## 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 a GENERAL EMERGENCY.<sup>11</sup>
- 1.2 To provide a method for periodic reanalysis of the current situation by the SED to determine whether the GENERAL EMERGENCY should be terminated or continued.

## 2.0 RESPONSIBILITY

The SED who is initially the SM (or other SM onsite during the emergency) or designee (Unit Supervisor, US) until properly relieved by the TSC SED, has the responsibility and authority for implementation of the actions in this instruction.<sup>10,11</sup>

## 3.0 INSTRUCTIONS

- 3.1 Upon determining that existing conditions are classified as a GENERAL EMERGENCY according to WBN EPIP-1 (independent evaluations by crew members may be beneficial), the SED, or designee, will:<sup>11</sup>
  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.

**NOTE 1** IF the EPS system fails, call the ODS ringdown or (5-571-1700) and have him activate the EPS.

**NOTE 2** 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. **COMPLETE** Appendix A and B, Notification Information.
3. **ANNOUNCE** to the crew: "A General Emergency is being declared based on \_\_\_\_\_ . I will be the Site Emergency Director, all support and job assignments must be authorized through me."

**3.0 INSTRUCTIONS (continued)**

- 4. **IF** Assembly Alarm has not been activated, **NOTIFY** Security (CAS) that assembly and accountability is to be conducted. **SOUND** the assembly alarm **AND** **INITIATE** WBN EPIP-8, "Personnel Accountability and Evacuation".
- 5. **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)

- 6. **NOTIFY** the ODS direct by ODS Ringdown or 5-751-1700 or 5-751-2495 and **PROVIDE** the information from Appendix A.

**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	9-775-2505	_____(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 EMA	9-1-800-262-3300	_____(TIME)
(Alternate)	9-1-615-741-0001	_____(TIME)
(Alternate)	9-1-800-262-3400	_____(TIME)

- 7. **FAX** Appendix A to the ODS. (No. pre-programmed or 5-751-8620.)
- 8. **CALL** RADCON Lab and **SAY**: "We are in a General Emergency, implement WBN EPIP-14 and CECC EPIP-9."
- 9. **IF** there are personnel injuries, **IMPLEMENT** EPIP-10, "Medical Emergency Response".
- 10. **IF** there is a security threat, **IMPLEMENT** EPIP-11, "Security and Access Control".
- 11. **NOTIFY** Duty Plant Manager, and **PROVIDE** the Appendix A information (**SEE** duty list for telephone numbers). The Duty Plant Manager will call the Plant Manager or his alternate.

<b>WBN</b>	<b>GENERAL EMERGENCY</b>	<b>EPIP-5 Revision 20 Page 6 of 12</b>
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**3.0 INSTRUCTIONS** (continued)

- 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. **NOTIFY** the NRC by the NRC designated phone (ENS) of plan activation.

**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. The following commercial numbers are for the NRC Operations Center.<sup>3,13</sup>

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

- 14. **NOTIFY** NRC Resident Inspector by **CALLING** 1776 and **PROVIDING** the information on Appendix A.
- 15. **REEVALUATE** conditions using WBN EPIP-1 as necessary. **IF** conditions are under control, **INITIATE** actions identified in WBN EPIP-13, "Termination of the Emergency and Recovery."

- IF** other plant conditions warrant the need for followup information, **COMPLETE** the Followup Notification Form, Appendix C, 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.<sup>2</sup>

- 16. **FAX** Appendix C to the ODS. (No. pre-programmed or 5-751-8620.)

**CAUTION:** If there is any possibility of a radiological release, do not send personnel into areas of unknown radiological conditions without first contacting RADCON.

- 17. **ENSURE** applicable notifications/actions required by SPP-3.5 and SPP-3.1 have been made.
- 18. **SEND** the completed WBN EPIP-5 and associated documentation to the Emergency Preparedness (EP) Manager. The EP Manager shall forward documentation to DCRM for storage as appropriate.

<b>WBN</b>	<b>GENERAL EMERGENCY</b>	<b>EPIP-5 Revision 20 Page 7 of 12</b>
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#### **4.0 REFERENCES**

##### **4.1 Interfacing Documents**

*SPP-3.5 Regulatory Reporting Requirements*

*SPP-3.1 Corrective Action Program*

*WBN-EPIP-1 Emergency Plan Classification Flowchart*

*WBN-EPIP-2 Notification of Unusual Event*

*WBN-EPIP-3 Alert*

*WBN-EPIP-4 Site Area Emergency*

*WBN-EPIP-10 Medical Emergency Response*

*WBN-EPIP-11 Security and Access Control*

*WBN-EPIP-13 Termination of the Emergency and Recovery*

*WBN-EPIP-16 Initial Dose Assessment for Radiological Emergencies*

*CECC-EPIP-9 Emergency Environmental Radiological Monitoring Procedures*

##### **4.2 Other Documents**

*Response Technical Manual (RTM) 96 Vol. 1, Rev. 4*

*10 CFR 50.72 Immediate Notification Requirements for Operating Nuclear Power Reactors*

*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.*

*ANSI N18.7-1976*

*10 CFR 20, Standards for Protection From Radiation*

*EPA 400-R-92-001, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents*

*Implementation of New EAL Protective Action Guides and Protective Actions for Nuclear Incidents*

*CECC-EPIP-8 Dose Assessment Staff Activities During Nuclear Plant Radiological Emergencies*

<b>WBN</b>	<b>GENERAL EMERGENCY</b>	<b>EPIP-5 Revision 20 Page 8 of 12</b>
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## **5.0 APPENDICES**

Appendix A, Notification Information

Appendix B, Protective Action Recommendation Guidance

Appendix C, Followup Information Form

## **6.0 RECORDS**

### **6.1 QA Record**

Entire WBN EPIP-5, when the REP is activated, is a QA Record.

### **6.2 Non-QA Records**

All EPIP-5 records generated during the course of a drill/exercise will be assembled By the EP Manager and stored appropriately.



APPENDIX B  
(Page 1 of 1)

PROTECTIVE ACTION RECOMMENDATION <sup>4,5,6,7,8,9,12</sup>

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

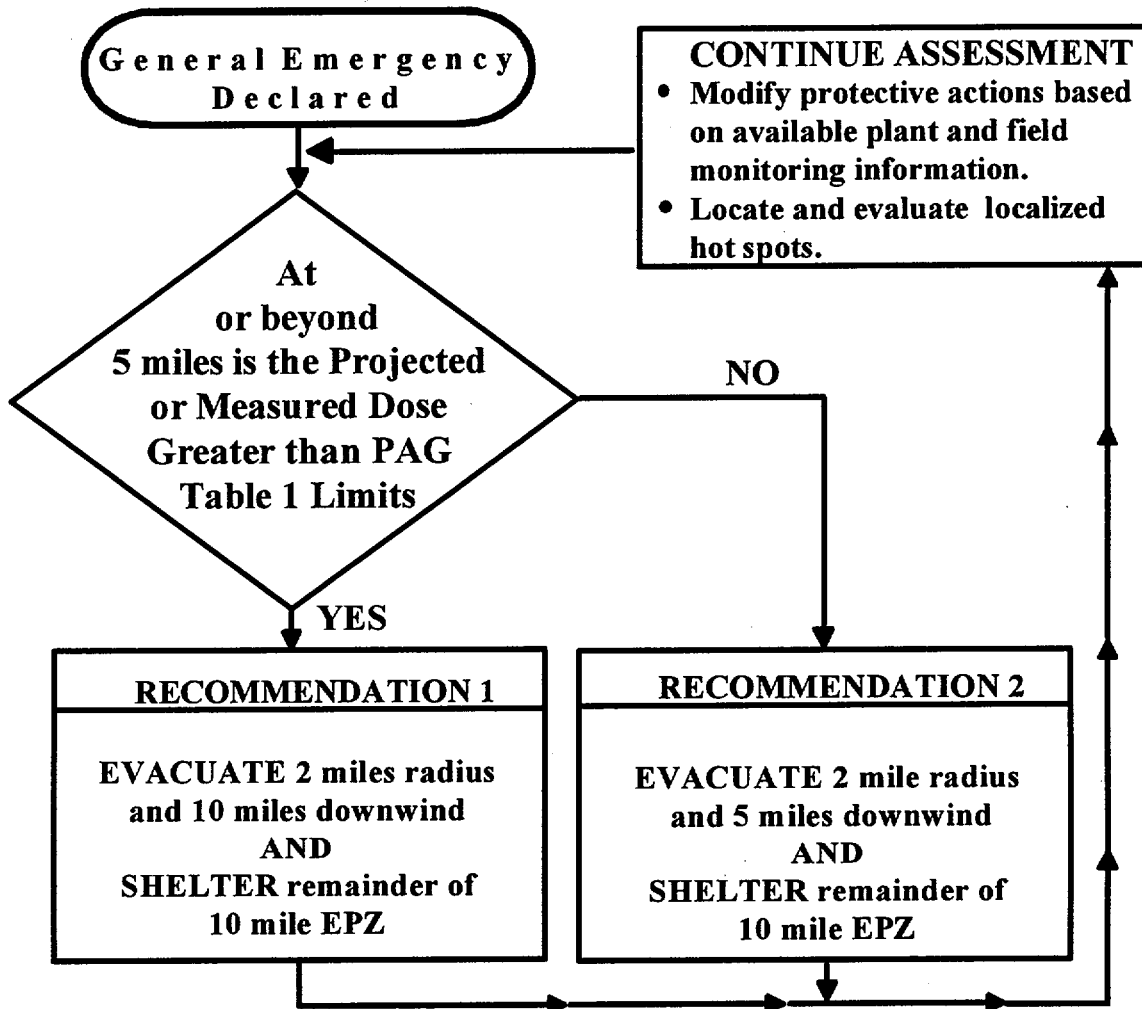


TABLE 1 Protective Action Guides	
TYPE	LIMIT
Measured	3.9E-6 microCi/cc of Iodine 131 or 1 REM/hr External Dose
Projected	1 REM TEDE or 5 REM Thyroid CDE





<b>WBN</b>	<b>GENERAL EMERGENCY</b>	<b>EPIP-5 Revision 20 Page 12 of 12</b>
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**SOURCE NOTES**

Page 1 of 2

- |  |  |
|--|--|
| <sup>1</sup> NRC IE Information Notice No. 89-89       | Event Notification Worksheets  |
| <sup>2</sup> NRC IE Information Notice No. 86-97       | Emergency Communications System  |
| <sup>3</sup> NRC IE Information Notice No. 86-28       | Telephone Numbers to the NRC Operations Center and Regional Offices  |
| <sup>4</sup> NRC IE Information Notice No. 83-28       | Criteria For Protective Action Recommendations For General Emergencies   |
| <sup>5</sup> MC-850321809004, MSC-00956, NCO-920030366 | Monitor readings included in Logic Diagram for Protective Action Recommendations App. B, Note 3  |
| <sup>6</sup> NIR-0588, DV-851601F 00001.               | Include sheltering and immediate Protective Action. Appendix B (Page 1 of 1) Recommendation 2 and Note 1 Initiating Conditions.  |
| <sup>7</sup> MC-840827005037, MSC-02402.               | Revision to Instructional Notes. Appendix B (Page 1 of 1) Notes 1 through 5.   |
| <sup>8</sup> MC-840827005005, MSC-02376, NCO-920030986 | Range of Protective Action Recommendations by the Site Emergency Director. Appendix A (Page 1 of 1) Number 9. Appendix B (Page 1 of 1) Protective Action Recommendation Guidance. Recommendations 1 through 9. |
| <sup>9</sup> MC-840719003003, MSC-00700, NCO-920030221 | CNTMT Rad Monitor Levels used in Protective Action Recommendations. Appendix B (Page 1 of 1) Note 3.   |
| <sup>10</sup> MC-840827005035A, MSC-2400               | SED duties that can not be delegated. Section 2.0 responsibility. Also see EIPs 6 and 15.  |
| <sup>11</sup> ANSI N18.7-1976                          | EIPs will contain the following elements. Subsection 5.3.9.3: 01POI  |
| <sup>12</sup> 390/93-64A                               | 10 CFR 20 revision made to the PAR chart.  |
| <sup>13</sup> NRC Administrative Letter 94-04          | Change of NRC Operations Center commercial telephone and fax numbers.  |

**FILING INSTRUCTIONS**

**EPIP-7**

**Remove**

**EPIP-7, Revision 13**

**Insert**

**EPIP-7, Revision 14**

**TENNESSEE VALLEY AUTHORITY**

**WATTS BAR NUCLEAR PLANT**

**EMERGENCY PLAN IMPLEMENTING  
PROCEDURES**

**EPIP-7**

**ACTIVATION AND OPERATION OF THE  
OPERATIONS SUPPORT CENTER (OSC)**

Revision 14  
Unit 0

**QUALITY RELATED**

PREPARED BY: Frank L. Pavlechko  
(Type Name)

SPONSORING ORGANIZATION: Emergency Planning

APPROVED BY: Frank L. Pavlechko

EFFECTIVE DATE: 4/25/01

LEVEL OF USE: REFERENCE

WBN	ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER (OSC)	EPIP-7 Revision 14 Page 2 of 57
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**REVISION LOG**  
(Page 1 of 3)

Revision Number	Effective Date	Pages Affected	Description of Revision
0	N/A	New WBN EPIP	Supersedes IP-7.
1	02/10/93	4  4 5 6 8  11  18,19 17,22,28,31,3 3,35,37,39,40 47	<p>Added OSC Teams Coordinator, OSC Power Stores Coordinator, DCRM Representative, TSC Coordinator to response organization. Removed note about RADCON staffing issues.</p> <p>Added 3.5 section on call out list.</p> <p>Added OSC Teams Coordinator Personnel Pool Log.</p> <p>Added NUREG 0654 and NUREG 0696 and 10 CFR 50, App. E references.</p> <p>Added page 2 to Appendix A, Alt. OSC Layout. Changed all Attachments to Appendices.</p> <p>Added OSC Mgr Briefing items to Appendix D.</p> <p>Added deactivation responsibilities to checklists.</p> <p>Added Appendix Q, OSC Personnel Coordinator Checklists.</p> <p>Added OSC Power Stores Coordinator Checklists.</p> <p>Added Work Control Boardwriter Checklists.</p> <p>Added RADCON Boardwriters Checklists.</p> <p>Added DCRM Coordinator checklists.</p>
2	08/16/93	All	Editorial (non-intent) and format changes. Repetitive non-used information removed. New OSC Team Briefing/Debriefing Form added. Source notes added to the procedure. Revised RADCON Briefers' responsibilities. Non-pager contacts for Asst. OSC Manager reduced. TSC Coordinator position discontinued due to lack of need for the position. OSC Logkeeper Appendix was repeated twice, one of the Appendix was removed. Contact information for Maintenance personnel added to the OSC Teams Coordinator position. Nuclear Stores duties enhanced.
3	10/04/93	6  21,22,23	<p>OSC equip., supplies, and procedures will be replenished following a drill, exercise or emergency.</p> <p>Change Briefing Form to dispatch teams out of OSC.</p>
4	09/02/94	All	Added Fitness For Duty note in Section 3.2.3, A. Added WBN EIPs 12, 15, and 16 to the references section. Changed briefing form, Appendix F, to move OSC Manager's signature to front of the form. Added responsibilities to Appendices G, K, N, and O. Other editorial changes were made. Added optional OSC RADCON Briefer's Emergency Response Teams Staging Area orientation to Appendix H. Added responsibility of faxing Emergency Response Teams board status to Main Control Room to Appendix L.
CN-1	1/17/95	7,55	Source note referencing the capabilities of the OSC was added to the text.

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REVISION LOG  
(Page 2 of 3)

Revision Number	Effective Date	Pages Affected	Description of Revision
5	4/21/96	3,11,19,20,22,24,46,52,54	Minor editorial changes concerning eating and drinking in the OSC, notification of non-pager wearing responders, changes to OSC roster and additions to OSC Teams Coordinator's responsibilities. Phone number revisions.
6	10/10/96	3, 4, 5, 6, 7, 9, 13, 14, 19, 24, 26, 27, 31, 33, 35, 37, 38, 39, 40, 41, 42, 44, 45, 48, 49, 51, 53, 55	The following non-intent and editorial revisions were made: Shift Clerk revised to Shift Personnel to reflect additional trained responders on shift, enhanced OSC activation instructions, added pager number to ERO call list, revised organizational title as needed, when to card in on the assembly card readers revised, and staffing of the OSC, redundant material/information removed, typographical errors corrected, fitness for duty instructions enhanced, activation time for minimum staffing of the OSC included, SM replaced SOS, non-QA records instructions enhanced, additional duty added to App. G, App. V added to the procedure, mainframe computer reference replaced with Curator, and editorial and grammatical enhancements made to assist human factoring.
CN-1	2/15/97	9, 38, 53	Operational responsibility added to Appendix L and T. Typographic error corrected on appendix list.
CN-2	2/10/98	3,5, 8,15, 22, 34	Satellite phone, NP-STD-1.6 changed to SPP-1.2 for FFD, key check-off for briefers , App. J removed "initiate" fire response.
7	6/30/98	All	Non-intent Changes. Incorporated Change Notices 1 & 2. SM FAX # changed. Alternate OSC number revised.
8	2/28/99	All	Non-intent change. Revised ERFDS to ICS and referenced OSC alternate locations in Appendix C.
9	10/21/99	All	Non-intent change. Developed new landscape tables for App L and P to replace scanned tables. Added step to OSC clerk's responsibilities (App L) to ensure all sign roster.
10	02/07/00	All	Non-intent changes. Revised APP. F OSC Team Briefing/Debriefing Form per corrective actions for PER-00-000177-000. Added steps to Appendix I, Initial Activation Checklist and Operational Responsibilities. Corrected typo on Appendix L. Added step to Appendix M, Operational Responsibilities. Revised Appendix P pg. 3 of 3 to enhance OSC Teams Dispatch.
11	06/14/00	All	Non-intent changes. Removed REX references and replaced it with HIS-20. Added wording to OSC Mgr., Assistant OSC Mgr., OPS Advisor and Nuclear Stores Coordinator responsibilities/titles to reflect wording in the REP. Corrected one typo and text alignments. Identified removal of QA records from MDB to EQB to resolve problems identified in PER980610. This revision also corrects problems from WBN PER006394.

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REVISION LOG  
(Page 3 of 3)

Revision Number	Effective Date	Pages Affected	Description of Revision
12	01/24/01	All Pg. 11,13,42	Plan effectiveness determination reviews indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Revised locations of alternate OSC to Team Room (App. A). Added additional position to OSC minimum staffing to support REP activities and standardize staffing across TVAN (App. C). Added ARW column to OSC team coordinator's checklist (App. P). Non-intent change.
13	3/30/01	All Pg. 9, 13,14,48	Plan effectiveness determination reviews indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent change. Revised minimum staffing requirements in the OSC to include the chemistry advisor. Non-intent change. Corrected number sequence on page 9. Non-intent change. Added organization column to OSC team coordinator's checklist (App. P) -
14	4/25/01	All Pg. 2, 54	Plan effectiveness determination reviews indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent revision to delete removal of QA Records located in the MDB Vault as a result of Corrective Action 3 in WBNPER 980610. This action for flooding is no longer required due to engineering re-evaluation.

WBN	ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER (OSC)	EPIP-7 Revision 14 Page 5 of 57
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## 1.0 PURPOSE<sup>1,2,3</sup>

This procedure provides instructions for the Operations Support Center (OSC) activation, organization, operation, termination, and deactivation.

## 2.0 RESPONSIBILITY<sup>1,2</sup>

The OSC Manager and OSC staff are responsible for activation, operation and deactivation of the OSC.

## 3.0 INSTRUCTION<sup>1,2</sup>

### 3.1 General

At ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY classifications, the OSC Manager **will report** directly to the OSC and **shall** be responsible for implementing this Procedure.

### 3.2 Initiating Conditions

3.2.1 The OSC is to be activated and operated when an emergency is declared and classified as an ALERT, a SITE AREA EMERGENCY, or a GENERAL EMERGENCY.

3.2.2 This Procedure may be activated at any other time as deemed necessary by the Site Emergency Director.

3.2.3 The Shift Manager (SM) will activate the OSC by announcing the emergency condition by one or more of the following methods.

A. Plant Public Address (PA) announcement.

**NOTE:** The Radiological Emergency Response Organization Call List is handled in accordance with the TVA Fitness For Duty Program.

B. Shift personnel will normally activate the Emergency Paging System (EPS) or contact the persons designated on the Radiological Emergency Response Organization Call List.

WBN	ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER (OSC)	EPIP-7 Revision 14 Page 6 of 57
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### 3.0 INSTRUCTION (CONTINUED)

- C. OSC personnel can also contact additional responders/replacements by phone utilizing the Emergency Response Organization Call List available in the OSC and Appendix V.
- D. Target activation time for minimum OSC staffing is approximately 60 minutes.
- E. IF the normal phone system and radio systems are not functioning, the satellite phone system will be used as described in SOI-100.01.

### 3.3 Activation of the OSC

- 3.3.1 The OSC Manager **shall** assume responsibility for implementing this Procedure and directing OSC personnel and activities.
- 3.3.2 Personnel with OSC Emergency Preparedness assignments **REPORT** to their response positions, (**SEE** Appendix A, OSC Layout, and Appendix B, Alternate OSC Layout). Activation of the facility is required at the **ALERT OR** higher emergency classification or at the discretion of the Site Emergency Director.
- 3.3.3 Other plant staff the OSC Manager determines to be necessary to support OSC functions will be called:
  - (1) OSC Clerk
  - (2) Maintenance/Craft personnel as needed
  - (3) Operations personnel as needed
  - (4) RADCON personnel as needed
  - (5) Transmission/Power Supply Group personnel as needed
  - (6) Others, as needed.

### 3.4 Required OSC Actions

- 3.4.1 OSC organization (Appendix B), staff actions and responsibilities are provided in Appendices C-T.
- 3.4.2 OSC responders will complete all of the applicable steps contained in the appropriate Appendices.



WBN	ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER (OSC)	EPIP-7 Revision 14 Page 7 of 57
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### **3.0 INSTRUCTION (CONTINUED)**

3.4.3 Plant procedures should be followed whenever possible. Should a situation arise where normal procedures would be inappropriate, action will be performed as determined by the OSC Manager. Nonconformance with plant procedures should be documented and action/steps taken. Also, deviations may warrant initiation of a Problem Evaluation Report (PER) or other Corrective Action Plan (CAP).

### **3.5 Emergency Response Organization Call List**

The WBN Emergency Preparedness Manager shall maintain the Emergency Response organization call list listing key OSC personnel by Emergency Response Organization Title, name, home and work telephone numbers and pager numbers. The call list will be updated at least quarterly with input by the appropriate section/group supervisors. The list will be available to shift personnel to use in case of the failure of the Emergency Paging System.

### **3.6 Long-Term Operation**

Additional personnel will be called in at the request of the OSC Manager to provide coverage or to ensure 12-hour or shorter shifts in the OSC. The OSC Manager will coordinate these call-ins with Nuclear Security to facilitate site access.

### **3.7 Termination and Deactivation**

3.7.1 Deactivation will be implemented using WBN EPIP-13, "Termination of the Emergency and Recovery," when plant conditions are such that: (1) the emergency has been terminated; (2) the OSC has been deactivated; and (3) OSC personnel have been relieved of emergency response duties.

3.7.2 All records generated during the operation of the OSC will be reviewed by the OSC Manager and forwarded to the Emergency Preparedness Manager.

3.7.3 All equipment and usable supplies will be returned to their storage locations.

3.7.4 All equipment, supplies and procedures will be replenished in the OSC following a drill, exercise or emergency by applicable groups as assigned in WBN EPIP-12, "Emergency Equipment and Supplies."

WBN	ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER (OSC)	EPIP-7 Revision 14 Page 8 of 57
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### 3.0 INSTRUCTION (CONTINUED)

#### 3.8 Records

##### 3.8.1 QA Records

NONE

##### 3.8.2 Non-QA Records

- The appendices and checklist in this procedure are necessary to demonstrate key actions during an emergency or NRC evaluated exercise(s) and are considered Non-Quality Assurance (QA) records.
- All original records generated during the course of an emergency drill/exercise will be assembled by the Emergency Preparedness Manager and stored appropriately.

### 4.0 REFERENCES

- 4.1 *TVA Nuclear Power Radiological Emergency Plan (NP REP)*
- 4.2 WBN-EPIP-6      *Activation and Operation of the Technical Support Center*
- 4.3 WBN-EPIP-8      *Personnel Accountability and Evacuation*
- 4.4 WBN-EPIP-10     *Medical Emergency Response*
- 4.5 WBN-EPIP-12     *Emergency Equipment and Supplies*
- 4.6 WBN-EPIP-13     *Termination of the Emergency and Recovery*
- 4.7 WBN-EPIP-14     *Radiological Control Response*
- 4.8 WBN-EPIP-15     *Emergency Exposure Guidelines*
- 4.9 WBN-EPIP-16     *Initial Dose Assessment for Radiological Emergencies*

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#### **4.0 REFERENCES**

- 4.10 *Tennessee Valley Authority Nuclear Power Radiological Emergency Plan (REP)*
- 4.11 *SPP-1.2, Fitness For Duty*
- 4.12 *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*
- 4.13 *NUREG 0696, Functional Criteria for Emergency Response Facilities, Final Report*
- 4.14 Title 10 Code of Federal Regulations, Part 50, Appendix E
- 4.15 ANSI Standard N 18.7-1976
- 4.16 SOI-100.01 Communications Systems

#### **5.0 APPENDICES**

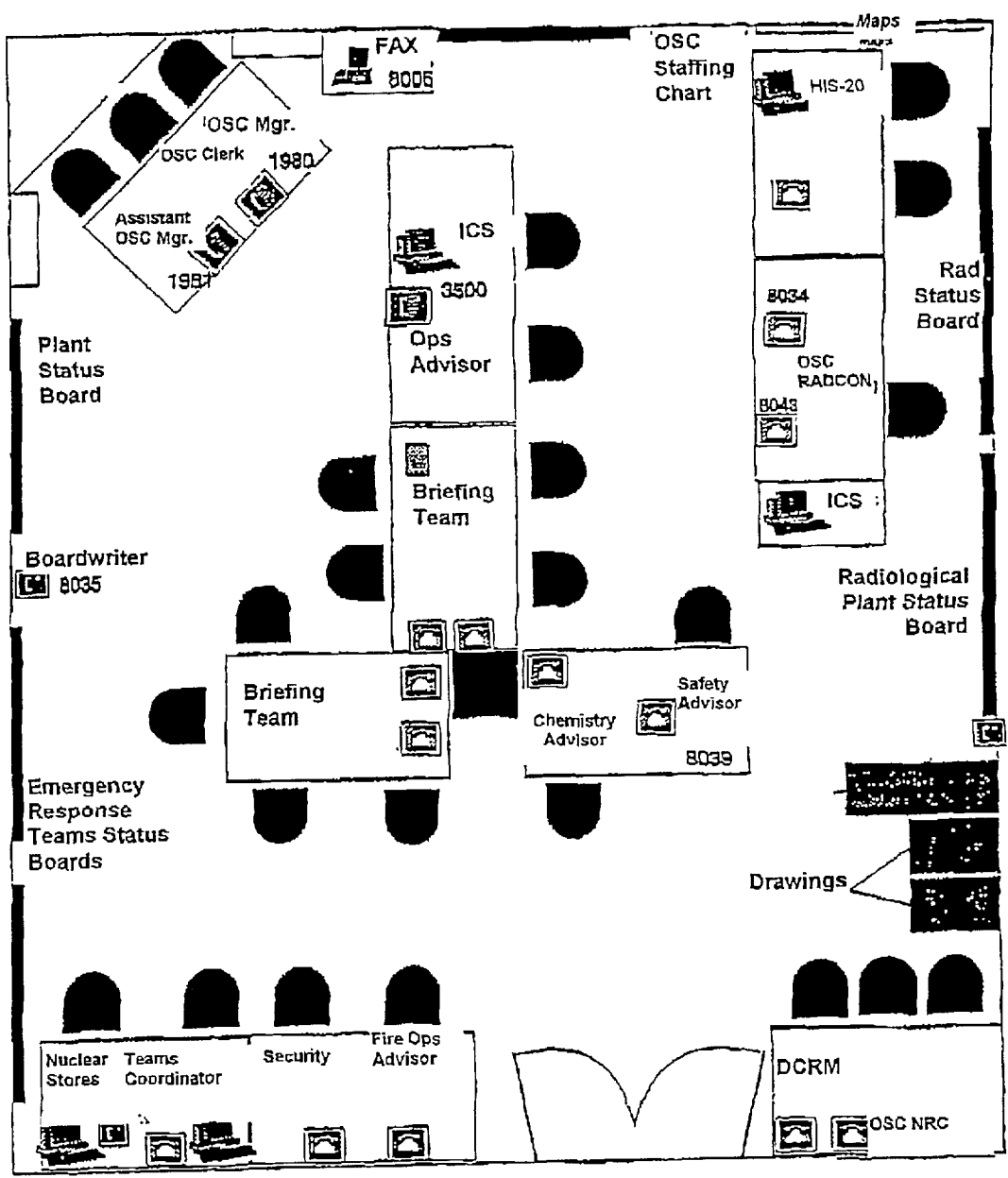
- Appendix A OSC Layout
- Appendix B OSC Organization Chart
- Appendix C OSC Manager Checklist
- Appendix D OSC Manager Briefing Outline
- Appendix E Assistant OSC Manager Checklist
- Appendix F OSC Team Tracking/Debriefing Form
- Appendix G OSC RADCON Supervisor Checklist
- Appendix H OSC RADCON Briefer Checklist
- Appendix I OSC Operations Advisor Checklist
- Appendix J OSC Fire Protection Advisor Checklist

WBN	ACTIVATION AND OPERATION OF THE OPERATIONS SUPPORT CENTER (OSC)	EPIP-7 Revision 14 Page 10 of 57
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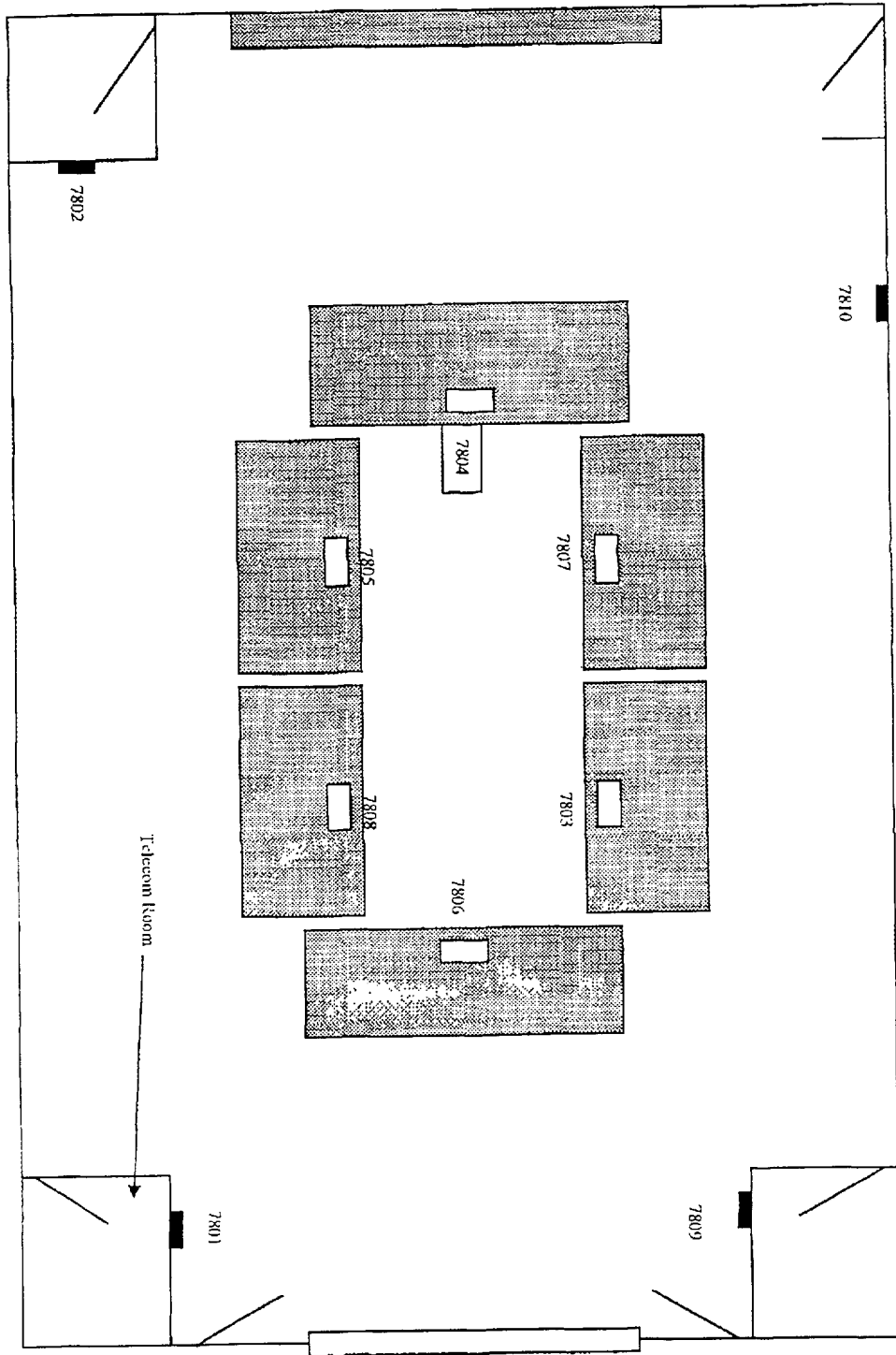
**5.0 APPENDICES** (continued)

- Appendix K      OSC Chemistry Advisor Checklist
- Appendix L      OSC Clerk Checklist
- Appendix M      OSC Briefing Team Checklist
- Appendix N      OSC Industrial Safety Advisor Checklist
- Appendix O      OSC Nuclear Security Advisor Checklist
- Appendix P      OSC Teams Coordinator Checklist
- Appendix Q      OSC Nuclear Stores Coordinator Checklist
- Appendix R      Work Control Boardwriter Checklist
- Appendix S      RADCON Boardwriter Checklist
- Appendix T      DCRM Coordinator Checklist
- Appendix U      WBN OSC Roster
- Appendix V      Emergency Responder Notification Form

APPENDIX A  
(Page 1 of 2)  
**OPERATIONS SUPPORT CENTER LAYOUT**  
Elevation 713 Radcon Lab Area

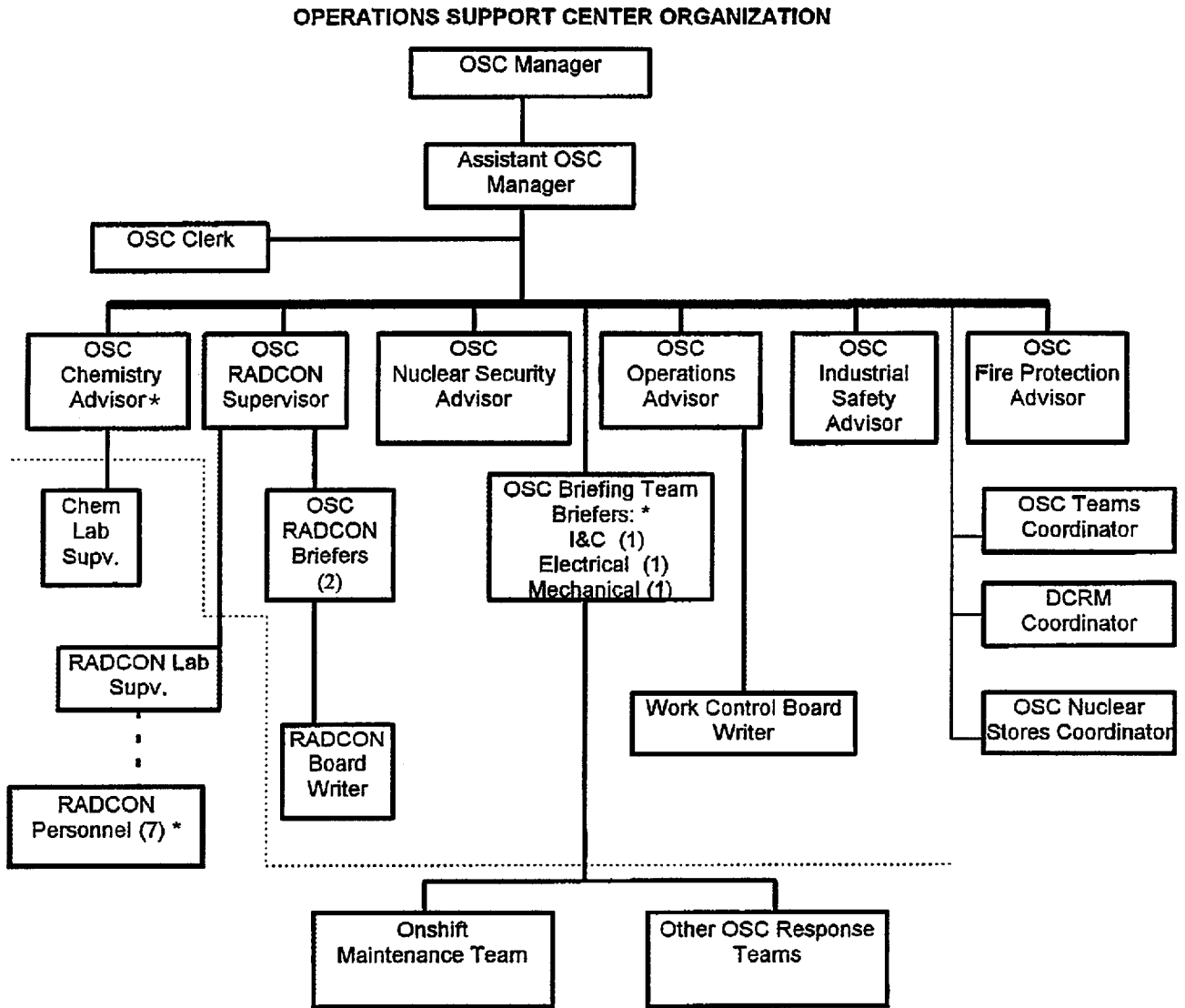


APPENDIX A  
(Page 2 of 2)  
**WBN ALTERNATE OPERATIONS SUPPORT CENTER LAYOUT**  
Elevation 729, Plant Team Conference Room



APPENDIX B  
(Page 1 of 1)

**OPERATIONS SUPPORT CENTER ORGANIZATION**



(\*) Denotes minimum staffing position(s) per NUREG 0654.

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APPENDIX C  
(Page 1 of 4)

## OSC MANAGER

### INITIAL OSC ACTIVATION CHECKLIST

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in OSC on the staffing chart and put on position badge.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of activities and communications.

\_\_\_/\_\_\_

**CALL** the SED in the TSC and **OBTAIN** an update of emergency conditions.

\_\_\_/\_\_\_

**RELOCATE** to OSC Alternate location (Main Office Building Team Conference room) if OSC is not habitable.

**NOTE:** The location of the Alternate OSC/RADCON Lab will depend on inplant radiological conditions. The TSC RADCON Manager, after consultation with the SED, will make the decision on location transfer. Possible locations that will be considered are the **Alternate** OSC in the Main Office Building and the **Relay Room** 755' level next to the Control Room and the TSC or the WBN Training Center.<sup>4</sup>

\_\_\_/\_\_\_

**ENSURE** minimum staffing requirements for the OSC are met.

- \_\_\_ OSC Manager
- \_\_\_ RADCON Supervisor (onshift)
- \_\_\_ Chemistry Advisor
- \_\_\_ Mechanical Maintenance Supervisor or Briefer
- \_\_\_ Electrical Maintenance Supervisor or Briefer
- \_\_\_ I&C Maintenance Supervisor or Briefer

\_\_\_/\_\_\_

**ENSURE** OSC support personnel are notified as needed. This includes anyone who is needed to mitigate the incident. SED can authorize personnel onsite who have not been REP trained.

\_\_\_/\_\_\_

**BRIEF** OSC on personnel, radiological and plant conditions and expected actions. Use Appendix D as a guide.



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APPENDIX C  
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**OSC MANAGER**

INITIAL OSC ACTIVATION CHECKLIST

- /    **BRIEF** the OSC regarding the OSC and initial information.
- /    **INFORM** the TSC of encountered plant conditions and the status of any emergency actions already in progress.
- /    **CONFIRM** that the OSC is staffed with qualified personnel and operational. (Will be up to discretion of OSC Manager. Minimum staffing positions must be met.)
- /    **INFORM** the SED that the OSC is operational.
- /    **REQUIRE** OSC personnel to use WBN EPIP-7 checklists to perform their assigned duties.
- /    **DETERMINE** the location and function of persons/teams currently and previously tasked by the TSC/Main Control Room and ensure assignment of Team Tracking Letters.
- /    **ESTABLISH** shift rotations to fill the OSC positions IF duration is expected to exceed 12 hours.

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APPENDIX C  
(Page 3 of 4)

**OSC MANAGER**

OPERATIONAL RESPONSIBILITIES

- Demonstrate command and control of the OSC throughout the emergency.
- Brief the OSC staff on current conditions, as needed.
- Update the SED and TSC Maintenance Manager as needed.
- Authorize OSC personnel to form emergency response teams.
- Direct the dispatching of emergency response teams (Medical Emergency Response Teams, emergency repair teams, search and rescue teams, fire protection teams, Post Accident Sampling Teams, radiological monitoring teams, damage assessment teams, and others as necessary.)
- Brief, track and coordinate Emergency Response teams which are being dispatched by the Control Room.
- Ensure that team activities are continually prioritized and synchronized with the TSC.
- Coordinate with the SED, TSC RADCON Manager, and OSC RADCON Supervisor authorizing exposures in excess of occupational limits. (Use WBN EPIP-15).
- Coordinates maintenance teams and ensures they have received proper briefings and are all accompanied by a Radcon Technician (as necessary).

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APPENDIX C  
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**OSC MANAGER**

OPERATIONAL RESPONSIBILITIES

- Coordinate with the SED, TSC RADCON Manager, and OSC RADCON Supervisor in the issuance of KI. (Use WBN EPIP-14).
- Provide supplemental staffing for the OSC as needed.
- Initiate long-term 24 hour/day operation.
- Relocate the OSC as habitability conditions dictate.
- Deactivate the OSC when directed by the SED.  
(Ensure that all assigned tasks have been completed or terminated as needed, and all emergency response teams have been properly debriefed.)
- Review OSC records to ensure completeness and accuracy prior to collection by the WBN Emergency Preparedness Manager.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.

DEACTIVATION RESPONSIBILITIES

- Terminate in accordance with WBN EPIP-13, "Termination of the Emergency and Recovery."
- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Assists in forming re-entry and recovery plans.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.

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APPENDIX D  
(Page 1 of 2)

## OSC MANAGER BRIEFING OUTLINE

The following may be used as a guide for OSC Manager briefings:

1. "This is a real emergency. This is a real emergency." **OR**  
"This is a drill. This is a drill. We need to treat this exercise as if it were a real emergency."
  
2. "This is \_\_\_\_\_. I am the OSC Manager."  
"The OSC was activated at \_\_\_\_\_ hours."  
"The TSC (is/is not) activated. \_\_\_\_\_ is the Site Emergency Director."
  
3. "The following is a summary of conditions at this time:

<b>Emergency Classification:</b>		<b>Date</b> _____	<b>Time Updated</b> _____	<b>PZR Level</b> _____
<input type="checkbox"/> Notification of Unusual Event	<input type="checkbox"/> Alert	<input type="checkbox"/> Site Area Emergency	<input type="checkbox"/> General Emergency	<b>RCS Pres.</b> _____
				<b>RCS Temp.</b> _____
				<b>ESF STATUS</b> _____
<b>Event Description:</b> _____				
<b>Status--Unit 1</b> _____				
<b>Status--Unit 2</b> _____				
<b>Time Event Started:</b> _____				
<b>Primary Plant Condition:</b> _____				
<b>Mode:</b>	1	2	3	4
	5	6		
	(circle one)			
<b>Electrical Lineup:</b> _____				
<b>Description of any abnormal lineup</b>				
<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>
<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>
<b>DG1A Operating?</b>	<b>DG2A Operating?</b>	<b>DG1B Operating?</b>	<b>DG2B Operating?</b>	<b>Offsite Pwr Avail.?</b>
<b>Major Mechanical Problems:</b> _____				
<b>Major Electrical Problems:</b> _____				
_____				

APPENDIX D  
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***OSC MANAGER BRIEFING OUTLINE***

4. "We are analyzing the work that was in progress at the time of the incident to determine if work should be continued, escalated, postponed or discontinued."
5. "Our plan of action at this time is to \_\_\_\_\_."
6. "Please maintain an orderly atmosphere in the OSC. Listen to briefings and make information flow to the appropriate organizations."
7. "The status of Emergency Response teams in the field is \_\_\_\_\_:  
(Examples: Fire, Medical, damages, repairs. . . . ) More information will be provided as it becomes available."
8. "This is a real emergency. This is a real emergency." OR  
"This is a drill. This is a drill."

Recorded by: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Date: \_\_\_\_\_

Major Instrument and Control Problems:	_____
Environmental Problems High Rad Areas:	_____
Toxic Gas:	_____
High Press. Steam:	_____
Other:	_____
	_____
	_____

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APPENDIX E  
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**ASSISTANT OSC MANAGER**

INITIAL OSC ACTIVATION CHECKLIST

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

Inits/Time:

- \_\_\_/\_\_\_    **ENTER** keycard into the Accountability Badge Reader.
- \_\_\_/\_\_\_    **SIGN** OSC Staffing Chart and PUT ON position badge.
- \_\_\_/\_\_\_    **SIGN** the OSC Roster (Appendix U).
- \_\_\_/\_\_\_    **ENSURE** Plant Status Board is initially completed.
- \_\_\_/\_\_\_    **ESTABLISH** logbook and communications.
- \_\_\_/\_\_\_    **ENSURE** that qualified (properly trained) OSC personnel are "signed-in" on the OSC Staffing Chart and the OSC Roster.
- \_\_\_/\_\_\_    **REQUEST** checklist completion status from OSC personnel. (Checklists are not optional.)
- \_\_\_/\_\_\_    **CONTACT** the following non-pager carrying OSC Support personnel:
1. OSC Clerk/Logkeeper
  2. Communications Support (as needed)
  3. Computer Support (as needed)

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APPENDIX E  
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***ASSISTANT OSC MANAGER***

**OPERATIONAL RESPONSIBILITIES**

- Assist the OSC Manager in providing direction and control in the OSC.
- Maintain communications with the TSC.
- Oversee the operations of the OSC Teams and coordinate supporting activities.
- Assign TSC developed task(s) to the team briefer(s) and ensure emergency teams are properly briefed using Appendix F, OSC Team Briefing/Debriefing Form.
- Authorize the dispatching of emergency response teams (includes signing briefing form, Appendix F).
- Ensure emergency teams are properly debriefed, in a timely manner, using Appendix F, OSC Team Briefing/Debriefing Form.
- Ensure the Plant Status Board, Emergency Response Team Tracking Boards, and OSC Staffing Chart are kept current.
- Coordinate with OSC RADCON Supervisor and Operations Advisor as needed regarding OSC Team activities (determine if teams need RADCON or Operations support).
- Authorize issuance of equipment and document issuance as necessary.
- Assist in authorizing emergency exposures and the issuance of KI for emergency response teams.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.
- Assist the OSC Manager in coordinating shift changes and 24 hour/day OSC operations as needed.

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APPENDIX E  
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***ASSISTANT OSC MANAGER***

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.



**APPENDIX F**  
(Page 1 of 2)

**WATTS BAR NUCLEAR PLANT OSC TEAM BRIEFING/DEBRIEFING FORM**

<b>TEAM:</b>  _____ Assistant OSC Mgr / _____ init/time	<b>Task Description:</b> Describe problem or task, drawings, known facts, precautions, etc. _____ _____ _____ _____ _____ <b>Task Location</b> _____ <input type="checkbox"/> Inform OSC Manager of Team Request From TSC <input type="checkbox"/> Assign to Briefing Team: Lead Briefer: _____ <input type="checkbox"/> Heads-up to Briefer(s): <input type="checkbox"/> Ops <input type="checkbox"/> RADCON <input type="checkbox"/> Safety <input type="checkbox"/> Other <input type="checkbox"/> Enter Team Information on OSC Team Tracking Board																														
<b>Lead Briefer</b> / _____ init/time	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Task Team</th> <th style="width: 30%;">Members</th> <th style="width: 15%;">SSN</th> <th style="width: 25%;">Discipline (IM, MM, etc.)</th> </tr> </thead> <tbody> <tr> <td>Team Leader</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td></td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td></td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td></td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Operations</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>RADCON</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table> <p><b>Briefing By:</b> Lead Briefer: Init _____ RADCON Init _____</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Description of Problems  <input type="checkbox"/> Procedures to be Used  <input type="checkbox"/> Tools Needed  <input type="checkbox"/> Equipment Needed  <input type="checkbox"/> Clearance Required (Hold Orders)  <input type="checkbox"/> Ops Support  <input type="checkbox"/> Safety Evaluation of Job  <input type="checkbox"/> Key(s) needed for job         </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Radiation Work Permit (RWP)  <input type="checkbox"/> RADCON Support  <input type="checkbox"/> Hazards Between OSC and Work Location  <input type="checkbox"/> Route to/from Work Area  <input type="checkbox"/> Contact Briefer prior to returning from field  <input type="checkbox"/> List (Read) debriefing questions to be asked  <input type="checkbox"/> Copy of Briefing Form given to team with Tele #s         </td> </tr> </table> <p><input type="checkbox"/> Maintain routine contact with team while in the field.</p> <p>Method of _____ TSC Results Hotline (x8611) _____ Messenger          Communication: _____ Pager # _____ Phone # _____          _____ Radio (Channel: _____) Radio Sensitive Area? <input type="checkbox"/> Yes <input type="checkbox"/> No  <span style="float: right;">(BP-364)</span></p>	Task Team	Members	SSN	Discipline (IM, MM, etc.)	Team Leader	_____	_____	_____		_____	_____	_____		_____	_____	_____		_____	_____	_____	Operations	_____	_____	_____	RADCON	_____	_____	_____	<input type="checkbox"/> Description of Problems <input type="checkbox"/> Procedures to be Used <input type="checkbox"/> Tools Needed <input type="checkbox"/> Equipment Needed <input type="checkbox"/> Clearance Required (Hold Orders) <input type="checkbox"/> Ops Support <input type="checkbox"/> Safety Evaluation of Job <input type="checkbox"/> Key(s) needed for job	<input type="checkbox"/> Radiation Work Permit (RWP) <input type="checkbox"/> RADCON Support <input type="checkbox"/> Hazards Between OSC and Work Location <input type="checkbox"/> Route to/from Work Area <input type="checkbox"/> Contact Briefer prior to returning from field <input type="checkbox"/> List (Read) debriefing questions to be asked <input type="checkbox"/> Copy of Briefing Form given to team with Tele #s
Task Team	Members	SSN	Discipline (IM, MM, etc.)																												
Team Leader	_____	_____	_____																												
	_____	_____	_____																												
	_____	_____	_____																												
	_____	_____	_____																												
Operations	_____	_____	_____																												
RADCON	_____	_____	_____																												
<input type="checkbox"/> Description of Problems <input type="checkbox"/> Procedures to be Used <input type="checkbox"/> Tools Needed <input type="checkbox"/> Equipment Needed <input type="checkbox"/> Clearance Required (Hold Orders) <input type="checkbox"/> Ops Support <input type="checkbox"/> Safety Evaluation of Job <input type="checkbox"/> Key(s) needed for job	<input type="checkbox"/> Radiation Work Permit (RWP) <input type="checkbox"/> RADCON Support <input type="checkbox"/> Hazards Between OSC and Work Location <input type="checkbox"/> Route to/from Work Area <input type="checkbox"/> Contact Briefer prior to returning from field <input type="checkbox"/> List (Read) debriefing questions to be asked <input type="checkbox"/> Copy of Briefing Form given to team with Tele #s																														
<b>RADCON</b> / _____ init/time	<b>RADCON Requirements:</b> RWP Required: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, RWP # _____ SCBA _____ Respirator _____ Dressout _____ Other _____ Emerg Exposure Appl. (EPIP-15 by SED) Yes _____ (_____ REM) No _____ N/A _____ KI Approval (By TSC RADCON Manager or designee) Yes _____ No _____ N/A _____																														
<b>OSC Mgr</b> / _____ init/time	<b>FINAL APPROVAL</b> to release team <input type="checkbox"/> Team Necessary <input type="checkbox"/> Radiological Conditions have not changed since briefing <input type="checkbox"/> Announce to OSC areas: "Is there any reason that we should not dispatch this team at this time?"																														



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APPENDIX G

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***OSC RADCON SUPERVISOR***

INITIAL OSC ACTIVATION CHECKLIST

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart and PUT ON position badge.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_

**ESTABLISH** communications with the TSC RADCON Manager.

\_\_\_/\_\_\_

**ESTABLISH** communications with the RADCON Lab Supervisor.

\_\_\_/\_\_\_

**ENSURE** adequate RADCON staffing available for emergency response (dosimetry support, RWP support, boardwriter, clerical).

\_\_\_/\_\_\_

**CONTROL** eating and drinking in the OSC until habitability has been established.

\_\_\_/\_\_\_

**ENSURE** habitability surveys are current for the OSC areas, TSC, and Control Room and assembly areas as listed in WBN EPIP-8.

\_\_\_/\_\_\_

**ASSIGN** HIS-20 computer operator.

\_\_\_/\_\_\_

**ENSURE** that RADCON Techs are called in from home to provide staffing as required by WBN EPIP-14.

\_\_\_/\_\_\_

**LOCATE** all RADCON persons/teams currently and previously tasked and ensure they are tracked on the Emergency Response Teams Board.

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***OSC RADCON SUPERVISOR***

OPERATIONAL RESPONSIBILITIES

- Provide and coordinate RADCON resources as necessary.
- Provide direction to the RADCON Lab.
- Ensure RADCON Teams are dispatched through the OSC. (Tracked on Emergency Response Teams Board.)
- Ensure emergency response teams have adequate RADCON/dosimetry coverage.
- Brief the OSC Manager and OSC Staff of radiological conditions as needed.
- Provide immediate radiological information to OSC staff as conditions change.
- Brief the TSC RADCON Manager of the RADCON resources and radiological conditions as needed.
- Ensure "Environmental Problems" segment of Plant Status Board is correct.
- Ensure that all predressed OSC staging area teams are issued proper dosimetry and have been evaluated for radiological access.
- Provide assistance to the OSC Manager as needed.
- Periodically check habitability of TSC, OSC, and Control Room, if radiological conditions warrant.
- Administer KI to emergency response teams according to WBN EPIP-14. (Forward Potassium Iodine Issue Report, to the TSC RADCON Manager.)
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.
- Log-on to Integrated Computer System (ICS).

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APPENDIX G  
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***OSC RADCON SUPERVISOR***

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.
- Ensures outlining emergency response groups (i.e., line crews, warehouse) have dosimetry and are being protected throughout the emergency.

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**APPENDIX H**  
**(Page 1 of 4)**

***OSC RADCON BRIEFER***

*INITIAL OSC ACTIVATION CHECKLIST*

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in OSC on the Staffing Chart.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_

**NOTIFY** the OSC RADCON Supervisor of arrival.

\_\_\_/\_\_\_

**ACCESS** RADCON Party Line (4103) as necessary.

\_\_\_/\_\_\_

**ENSURE** that personnel reporting to the OSC teams staging area are briefed as time allows using page 3 of 4 of Appendix H as an orientation for responders.

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**APPENDIX H  
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***OSC RADCON BRIEFER***

**OPERATIONAL RESPONSIBILITIES**

- Provide radiological technical assistance to the Briefing Teams.
- Provide radiological conditions analysis of the job assigned to the emergency response teams.
- Assist with portions of the OSC Team Briefings.
- Complete applicable portions of Appendix F, the OSC Team Tracking/Briefing/Debriefing Form.
- Ensure radiological data is collected and reported back to the OSC in an expeditious manner for planning and prioritizing further emergency response activities.
- Ensure TLDs are collected and processed from returning team members.
- Assist in the administration of KI according to WBN-EPIP 14.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.
- Ensures that the radiological information on the OSC status board is accurate.
- Ensures that personnel reporting to the OSC Teams Staging Area are briefed as time allows using page 3 of 4 of Appendix H as an orientation for responders.

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**APPENDIX H**  
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***OSC RADCON BRIEFER***

**EMERGENCY RESPONSE TEAMS STAGING AREA ORIENTATION**

(RADCON will brief responders as conditions allow on the contents of this list.)

- Stay continuously aware of REP status and in plant conditions.
- Plan contingencies when assigned a team (anticipate needs and hazards) prior to entering accident area.
- Communicate with briefers on a regular basis. Be aware of radio dead spots in the Plant (e.g., El. 676, RHR pump rooms). Perform functional check of radio and equipment prior to entering Auxiliary Building or accident area. Use repeat-backs for effective transfer of information. BP-364 lists radio sensitive areas of the plant.
- Perform applicable pathway surveys to and from work location.
- Relay data promptly and frequently to the OSC! This information is critical in assessing plant conditions and protection of personnel. Consideration should be given to designating a runner to telephone data if necessary.
- If on pathway the team encounters a field of >1000 mrem/HR advise the OSC.
- If when arriving to destination team encounters a field of >1000 mrem/HR, return to lower dose area and advise OSC.
- Stay together as a team for accountability.
- In-plant conditions are dynamic, OSC will continually advise the team of any changes while in the field.
- If for some reason the scope of the job changes while in the field, notify the OSC.
- Note any unusual plant conditions (frisker increases, liquid leaks, poor visibility, etc.), advise OSC.
- Use appropriate techniques to reduce exposure and maximize safety.
- When in the field, use available supplies in RADCON cabinets if needed.
- Contact RADCON briefer upon completion of task.
- Primary accident condition RWPS are available; please familiarize yourself with them, RADCON will brief the team on the RWP.
- If possible, keep a written log of team activities while in the field.
- Contact RADCON or OSC for return route in the event of change of event conditions, etc.



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**APPENDIX H**  
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***OSC RADCON BRIEFER***

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.

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**Appendix I  
(Page 1 of 2)**

***OSC OPERATIONS ADVISOR***

*INITIAL OSC ACTIVATION CHECKLIST*

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of activities and communications.

\_\_\_/\_\_\_

**ESTABLISH** communications with the TSC Operations Manager for updates and to obtain Operations support.

\_\_\_/\_\_\_

**CALL-IN** AUOs\Operations personnel from offshift to support OSC activities (Minimum of 3 AUOs is usually needed in the OSC).

\_\_\_/\_\_\_

**ESTABLISH** communications with the Control Room Communicator via the Control Room party-line.

\_\_\_/\_\_\_

**LOG ON** to Integrated Computer System (ICS) terminal.

\_\_\_/\_\_\_

**ANNOUNCE** on the portable radio: "AUO's report to the OSC." (repeat)

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**Appendix I  
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***OSC OPERATIONS ADVISOR CHECKLIST***

**OPERATIONAL RESPONSIBILITIES**

- Direct AUO's to maintain a log, and listen to the Operations Party Line to remain current on Plant Status.
- Provide plant operations advice to support the OSC Manager.
- Provide Operational advice to support the entire OSC, including Briefing Teams as needed. (Additional AUOs can be used to assist in briefing teams.)
- Provide personnel for any operations actions that may be required while in the field.
- Keep the TSC Operations Manager, and Operations Communicator apprised of the OSC Team activities while in the field.
- Operate ICS terminal in the OSC as needed.
- Ensure the OSC Plant Status Board is correct.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.

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**APPENDIX J  
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***OSC FIRE PROTECTION ADVISOR***

**INITIAL OSC ACTIVATION CHECKLIST**

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

Inits/Time

\_\_\_/\_\_\_ **ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_ **SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_ **SIGN** OSC Roster. (Appendix U)

\_\_\_/\_\_\_ **ESTABLISH** a log of activities and communications.

\_\_\_/\_\_\_ **ESTABLISH** communications with the Fire Operations Unit or the Fire Station to provide plant status updates.

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**APPENDIX J**  
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***OSC FIRE PROTECTION ADVISOR***

**OPERATIONAL RESPONSIBILITIES**

- Monitor plant status and fire response.
- Support WBN-EPIP-10, Medical Emergency Response, as needed.
- Initiate and provide first response for hazardous material containment.
- Initiate personnel search and rescue in hazardous areas.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.

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**APPENDIX K  
(Page 1 of 2)**

***OSC CHEMISTRY ADVISOR***

**INITIAL OSC ACTIVATION CHECKLIST**

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of activities and communications.

\_\_\_/\_\_\_

**ESTABLISH** communications with the TSC Chemistry Manager.

\_\_\_/\_\_\_

**ESTABLISH** communications with Chemistry Lab staff.

\_\_\_/\_\_\_

**CALL** the assigned Chemistry Engineer to support OSC operations.

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**APPENDIX K**  
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***OSC CHEMISTRY ADVISOR***

**OPERATIONAL RESPONSIBILITIES**

- Provide and coordinate Chemistry personnel needed to support the OSC.
- Provide Chemistry technical content in emergency team briefings as necessary.
- Dispatch the Post-Accident Sampling (PAS) team as directed by the TSC.
- Maintain a communications link with the TSC Chemistry Manager.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.
- Provide/assist in obtaining Release/Pathway information as needed.
- Provide Chemistry data (primary and secondary) of initiating conditions and provide ongoing Chemistry information.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.

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**APPENDIX L**  
**(Page 1 of 3)**

***OSC CLERK***

**INITIAL OSC ACTIVATION CHECKLIST**

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

Inits/Time

\_\_\_/\_\_\_     **ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_     **SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_     **SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_     **ESTABLISH** a log of activities and communications.

\_\_\_/\_\_\_     **NOTIFY** other staff to report to the OSC as determined by the OSC Manager.



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**APPENDIX L  
(Page 2 of 3)**

***OSC CLERK***

**OPERATIONAL RESPONSIBILITIES**

- Ensure the OSC Status Boards are continuously updated to reflect current plant conditions.
- Ensure OSC responders have signed the OSC roster.
- Ensure a log is maintained of all important OSC activities.
- In the event of a Site Wide Evacuation, notify the OSC RADCON Supervisor that this is a non-radiation worker position.
- Collect and maintain all original copies of OSC generated records.
- Provide records to the WBN Emergency Preparedness (EP) Manager when the OSC is deactivated.
- Maintain log of communications and activities.
- Provide OSC team status reports to the control room on a periodic basis.
- Provide adequate turnover when a shift change occurs, and utilizes Appendix V to activate additional OSC responders.
- Assist OSC responders in obtaining their TLDs.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.
- Assists in forming re-entry and recovery plans.



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**APPENDIX M**  
**(Page 1 of 2)**

***OSC BRIEFING TEAM***

**INITIAL OSC ACTIVATION CHECKLIST**

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

Inits/Time

\_\_\_/\_\_\_ **ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_ **SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_ **SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_ **ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_ **REPORT** any conditions in the plant which may be related to the emergency condition.

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**APPENDIX M  
(Page 2 of 2)**

***OSC BRIEFING TEAM***

**OPERATIONAL RESPONSIBILITIES**

- Provide Mechanical, Electrical, and Instrument technical expertise.
- Notify Mechanical, Electrical, Instrument Foremen to report with crews to the OSC Staging Area.
- Evaluate job conditions (including RADCON, Fire Operations, and Operational aspects of the task) and analyze the necessary precautions and methods best suited to safe performance of the task.
- Brief the OSC Teams based on the analysis of the job.
- Track, communicate and monitor safety of the OSC Teams while in the field.
- Debrief the OSC Teams after completion of the task.
- Complete applicable portions of Appendix F, OSC Team Briefing/Debriefing Form.
- Operates Curator computer as needed to provide OSC team briefing information.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.

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**APPENDIX N**  
**(Page 1 of 2)**

***OSC INDUSTRIAL SAFETY ADVISOR***

**INITIAL OSC ACTIVATION CHECKLIST**

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

Inits/Time

\_\_\_/\_\_\_ **ENTER** keycard into the accountability card reader.

\_\_\_/\_\_\_ **SIGN** the OSC Staffing Chart.

\_\_\_/\_\_\_ **SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_ **ESTABLISH** a log of communications and activities.

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**APPENDIX N  
(page 2 of 2)**

***OSC INDUSTRIAL SAFETY ADVISOR***

**OPERATIONAL RESPONSIBILITIES**

- Ensure the OSC Manager/OSC Staff are aware of safety hazards that could affect emergency response activities.
- Assist Briefing Teams in preparing applicable portions of Appendix F, OSC Team Tracking/Debriefing Form.
- Assist Briefing Teams in briefing process. Ensure teams have adequate safety apparel and equipment to complete emergency team assignments.
- Assist in obtaining/procuring adequate safety equipment.
- Assist in the team debriefing process as needed.
- Ensure safety hazard information obtained from returning teams flows back into the OSC in a timely expeditious manner. Incorporate significant information into the prioritizing and emergency team briefing process.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.

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**APPENDIX O**  
**(Page 1 of 1)**

***OSC NUCLEAR SECURITY ADVISOR***  
**INITIAL OSC ACTIVATION CHECKLIST**

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

Initis/Time

\_\_\_/\_\_\_    **ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_    **SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_    **SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_    **ESTABLISH** a log of communications and activities.

**OPERATIONAL RESPONSIBILITIES**

- Ensure the OSC Manager/OSC Staff are aware of security hazards that could affect emergency response activities.
- Provide assistance to briefing teams as needed.
- Ensure security provides expeditious emergency entries and exits for teams dispatched from the OSC.
- Ensure adequate staffing is available to support WBN EPIP-8, "Personnel Accountability and Evacuation," when implementing assembly and accountability or evacuations.
- Provide Security support for search and rescue operations and other necessary emergency response actions.
- Maintain log of communications and activities.
- Provide adequate turnover when a shift change occurs.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.

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**APPENDIX P  
(Page 1 of 3)**

***OSC TEAMS COORDINATOR***

*INITIAL OSC ACTIVATION CHECKLIST*

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_

**USE** Page 3 of 3 of this Appendix to organize an OSC Teams Staging Area.

\_\_\_/\_\_\_

**ENSURE** OSC tool kits have been moved from the Toolroom in the Maintenance Shop to the OSC Teams Staging Area.

\_\_\_/\_\_\_

**ENSURE** the following minimum number of personnel come to the prestaging area (these numbers are approximate depending on plant conditions):

4 Electrical Maintenance

6 Mechanical Maintenance

2 I&C Maintenance

3 AUOs from Main Control Room Kitchen (or from home)

**NOTE:** This is not a comprehensive list. The emergency may or may not require all of these positions to be prestaged. This is only a suggested list.



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**APPENDIX P  
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***OSC TEAMS COORDINATOR***

**OPERATIONAL RESPONSIBILITIES**

- Maintain contact with Assistant OSC Manager.
- Manage the Emergency Response Team staging area by:
  1. Directing responders (potential OSC teams) to check-in with the HIS-20 Operator.
  2. Requiring all potential OSC team members to dress out.
  3. Prepare emergency responders to be dispatched.
- Ensure that OSC briefers know who is available in the OSC Teams Staging Area by periodically distributing lists of personnel awaiting assignments.
- Ensure that every team is debriefed upon returning.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all teams are accounted for and properly debriefed.
- Ensures all logs and team briefing forms are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.



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**APPENDIX Q  
(Page 1 of 1)**

***OSC NUCLEAR STORES COORDINATOR***

*INITIAL OSC ACTIVATION CHECKLIST*

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

*OPERATIONAL RESPONSIBILITIES*

- Provides coordination between Power Stores and the OSC.
- Provides materials as expeditiously as possible for emergency response activities.
- Operates mainframe computer to determine materials availability.

*DEACTIVATION RESPONSIBILITIES*

- Ensures all records (anything written down during the OSC activation) are completed and signed.
- Leave all papers at your station which will be collected and properly stored by WBN Emergency Preparedness.

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**APPENDIX R  
(Page 1 of 2)**

***WORK CONTROL BOARDWRITER***

*INITIAL OSC ACTIVATION CHECKLIST*

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_

**PROVIDE** a status of current work control plant activities to the OSC for immediate analysis to:

- Determine if any ongoing work is related to the emergency.
- Determine if current jobs should be continued, expedited or stopped.

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**APPENDIX R  
(Page 2 of 2)**

***WORK CONTROL BOARDWRITER***

**OPERATIONAL RESPONSIBILITIES**

- Maintain contact on control room party line on x4102.
- Maintain OSC status boards.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all records (anything written down during the OSC activation) are complete and signed.
- Leave all papers at work station which will be collected and properly stored by WBN Emergency Preparedness.

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**APPENDIX S  
(Page 1 of 2)**

***RADCON BOARDWRITER***

**INITIAL OSC ACTIVATION CHECKLIST**

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** the OSC Roster. (Appendix U)

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_

**ESTABLISH** contact on the RADCON Party-line by dialing 4103.

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**APPENDIX S**  
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***RADCON BOARDWRITER***

**OPERATIONAL RESPONSIBILITIES**

- Maintains the radiological status boards by providing a radiological sequence of events.
- Maintains copies of radiological status board as conditions change.
- Notifies the OSC RADCON Supervisor of changes in radiological conditions.
- Maintains contact on RADCON Party Line (4103).
- Maintains radiological status elevation maps to provide a clear status of radiological conditions at all times.
- Maintains a clear status of eating and drinking in the OSC areas on the Radiological Status Board.

**DEACTIVATION RESPONSIBILITIES**

- Ensures all records (anything written down during the OSC activation) are complete and signed.
- Leaves all papers at work station which will be collected and properly stored by WBN Emergency Preparedness.

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**APPENDIX T**  
**(Page 1 of 1)**  
***DCRM COORDINATOR***

*INITIAL OSC ACTIVATION CHECKLIST*

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

Inits/Time

\_\_\_/\_\_\_

**ENTER** keycard into the Accountability Badge Reader.

\_\_\_/\_\_\_

**SIGN** in on the OSC Staffing Chart.

\_\_\_/\_\_\_

**SIGN** the OSC Roster (Appendix U).

\_\_\_/\_\_\_

**ENSURES** that current WBN EPIP-7 copies are available for all OSC responders.

\_\_\_/\_\_\_

**ESTABLISH** a log of communications and activities.

\_\_\_/\_\_\_

**ENSURE** OSC Manager has a controlled copy of the WBN-EIPs on his desk.

*OPERATIONAL RESPONSIBILITIES*

- Provides DCRM expertise as needed.
- Provides drawings, documents, vendors manuals as requested by OSC.
- In the event of a Site Wide Evacuation, notify the OSC RADCON Supervisor that this is a non-radiation worker position.
- Assists in OSC logistics as requested.

*DEACTIVATION RESPONSIBILITIES*

- Ensures all records (anything written down during the OSC activation) are complete and signed.
- Leaves all papers at work station which will be collected and properly stored by WBN Emergency Preparedness.







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SOURCE NOTES

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- 1 MC-840827005001, MSC-02371. Revise OSC procedure duties and responsibilities. See entire procedure with all appendices.
2. ANSI N18.7-1976  
Subsection 5.3.9.3: 01 POI Implementing procedures will include the following elements.
3. MSC-02853, NCO-920042521 Each site will have an OSC. Communications will be available to the TSC. The OSC will establish and maintain appropriate communications with any team that may enter the plant for assessment or repair.
4. WBPER 98016506 Alternate OSC locations.