



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

NOV 01 2002

10 CFR 50, App E.

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

Gentlemen:

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

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

In accordance with the requirements of 10 CFR Part 50, Appendix E,
Section V, the enclosure provides the following EPIP.

<u>EPIP</u>	<u>Rev</u>	<u>Title</u>	<u>Effective Date</u>
EPIP-2	21	Notification Of Unusual Event	10-23-2002

Filing instructions are included with this document.

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

Sincerely,

P. L. Pace
Manager, Licensing and Industry Affairs

Enclosure
cc: See Page 2

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PLP:JES

Enclosure

cc (Enclosure):

NRC Resident Inspector (w/o Enclosure)
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U.S. Nuclear Regulatory Commission (2 copies)
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FILING INSTRUCTIONS

DOCUMENT NUMBER EPIP-2

REMOVE REV 20 INSERT REV 21

COMMENTS _____

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-2

NOTIFICATION OF UNUSUAL EVENT

REVISION 21

PREPARED BY: James F. Hagy

RESPONSIBLE ORGANIZATION: EMERGENCY PREPAREDNESS

APPROVED BY: Frank Pavlechko

EFFECTIVE DATE: 10/23/2002

LEVEL OF USE: REFERENCE USE

NON-QUALITY-RELATED

Revision History

Revision Number	Implementation Date	Pages Affected	Description of Revision
17	01/24/02	All pg. 3, 5, 7	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Non-intent change. Added step to receive ODS confirmation call to TEMA. This standardizes with other TVAN units. Per NRC Safeguards Advisory, revised caution statement to include security adversary attack.
18	06/05/02	All 3-5 & 7	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent change(s): per NRC Recommended "Actions for Licensee Response to a Site Specific Credible Threat at Nuclear Power Plants". Revised step 8 and note(s) to require activation of the TSC/OSC for a Security Site Specific Credible Threat. Non-intent change(s): added fax number to TEMA.
19	07/30/02	All 3, 4, 5, 7, 8	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Intent changes made to the procedure to support the NRC Safeguards Advisory and actions associated with IN 2002-14. (ie) Added Step 8 on the two person line of site rule, and assembly and accountability requirements. Realigned steps in instruction concerning Security Site Specific Credible Threat. Added Steps 18 and 19 to enhance termination instructions. Added NRC IN 2002-14 to the references.
20	08/26/02	ALL	Plan effectiveness determinations on these changes indicate the following revisions do not reduce the level of effectiveness of the procedure or REP. Substantial format modification for standardization with BFN/SQN was implemented in this revision. Reformatted and re-paginated as necessary. Reordered actions to be consistent with EPIP's 3-5. Added Section 5.0, Illustrations and Appendices Section to the body of the procedure. Clarified what MET Data elevation is to be included on the follow up form. This is an intent revision.
21	10/23/2002	5	Plan effectiveness determinations revisions indicate the following revisions do not reduce the level of effectiveness of the procedure or REP: Intent Change: Removed Credible Site Specific Threat from the procedure because the REP Section 5.2.1 (5) provides the SED with the authority to activate the ERO as necessary to initiate corrective or protective actions. In addition the NRC/NEI Guidance issued in 2002 does not require activation of emergency centers at the unusual event for a Credible Site Specific Threat. This change has been standardized within TVAN per EP Peer Team instruction.

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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.
- 1.2 To provide the SM/SED a method for periodic reanalysis of current conditions to determine whether the NOTIFICATION OF UNUSUAL EVENT should be terminated or continued, or upgraded to a more serious condition.

2.0 REFERENCES

2.1 Interface Documents

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

3.0 INSTRUCTIONS

Date _____

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

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

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

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

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

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

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

Initial Time

PROVIDE the information from Appendix A.

IF the ODS cannot be contacted within 10 minutes, the Tennessee Emergency Management Agency is to be notified of the Radiological Emergency Plan activation by calling:

9-1-800-262-3300 or 9-1-615-741-0001 or 9-1-800-262-3400.

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

3.0 INSTRUCTIONS (continued)

Date _____

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

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

7. **IF** the NOUE has been declared due to a Security EAL and Nuclear Security recommends Accountability to establish the "Two Person (Line of Sight) Rule". Then implement EPIP 8 for Assembly and Accountability.

\ _____
Initial Time

8. **NOTIFY** Duty Plant Management in accordance with SPP-3.5, and **PROVIDE** NOUE information
9. **RECEIVE** confirmation call from the ODS (to verify notification of the State of Tennessee) (NA this step, if the state was contacted directly).

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

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

\ _____
Initial Time

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

11. **EVALUATE** the need to implement EPIP-16, "Initial Dose Assessment for Radiological Emergencies," for a dose projection if radioactivity is being released through normal plant release paths.
12. **IF** there are personnel injuries, **IMPLEMENT** EPIP-10, "Medical Emergency Response."

3.0 INSTRUCTIONS (continued)

Date _____

13. NOTIFY WBN Emergency Preparedness.

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

Work - 3232

or

Work - 8004 or 1838

Home - 9-1-423-337-2911

Home - 9-1-865-376-4691

Pager - 30374

Pager - 70215

14. NOTIFY the NRC Resident Inspector by calling 1776 and PROVIDING the information on Appendix A. 15. REEVALUATE the event using WBN EPIP-1 as necessary to determine if conditions warrant reclassification.

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

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

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

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

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

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

3.0 INSTRUCTIONS (continued)

Date _____

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

4.0 RECORD RETENTION

4.1 Records of Classified Emergencies

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

4.2 Drill and Exercise Records

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

5.0 ILLUSTRATIONS AND APPENDICES

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

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

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

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

APPENDIX A (Page 1 of 1)

INITIAL NOTIFICATION FORM
NOTIFICATION OF UNUSUAL EVENT

1. THIS IS A REAL EVENT THIS IS A DRILL
2. This is _____ at Watts Bar Nuclear Plant.
NAME

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

- Unit 1 Unit 2

3. EAL Designator (e.g., Fire 4.1): _____

4. Brief Description of the Event:

5. Radiological Conditions:

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

6. Event Declared: Time: _____ Date: _____

7. Provide Protective Action Recommendation:

- None.

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

