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TIME: 10:34:17

AMEREN/UE  
DOCUMENT CONTROL SYSTEM  
DOCUMENT TRANSMITTAL

PAGE: 30  
ARDC8801

TRANSMITTAL NUMBER: 464506  
TO CONTROL NUMBER: 338U  
TITLE: OTHER  
DEPT: NUCLEAR REGULATORY COMM.  
LOCATION: USNRC - WASH DC  
TRANSMITTAL DATE: 20010412

RETURN ACKNOWLEDGED TRANSMITTAL AND  
SUPERSEDED DOCUMENTS (IF APPLICABLE) TO:  
ADMINISTRATION RECORDS  
AMEREN/UE  
CALLAWAY PLANT  
P.O. BOX 620  
FULTON, MO 65251

TRAN	DOC			RET		ALT	ALT				
CODE	TYPE	DOCUMENT	NUMBER	REV	REV	MED	COPY	MED	COPY	AFFECTED	DOCUMENT
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A	PROC	01-0196		010		C	1			EIP-ZZ-00231	

ACKNOWLEDGED BY:

DATE:

A045

(Instructions for Completion Following)

TCN NO. 01-01961. PROCEDURE NUMBER EIP-ZZ-00231 REVISION NO. 010PROCEDURE TITLE Response to Severe Thunderstorm/High Winds/Tornado Watches and Warnings1.1 One Time TCN? YES ☐ NO ☒ Effective from \_\_\_\_\_ to \_\_\_\_\_1.2 Does this TCN supersede a previous TCN? If "yes," number of TCN to be superseded  
YES ☐ NO ☒1.3 Mark one: ☒ REFERENCE USE PROCEDURE ☐ \*\*\*\*\*

1.4 Is this the seventh (7th) TCN against this revision? \* CONTINUOUS USE PROCEDURE \*

YES ☐ NO ☒ \* This procedure must be performed \*

(If "Yes", generate an SOS Suggestion to notify the responsible \* exactly as written with each step \*

department that a procedure revision is necessary.) \* being read by the user prior to the \*

SOS No. \* performance of that step. \*

NOTE: If this is the eighth [8th] TCN, the procedure \* \*\*\*\*\*

requires formal revision

1.5 YES ☐ NO ☒ Notification of procedure owner required?

## 2. CHANGE SUMMARY

2.1 PAGE NUMBERS AFFECTED BY CHANGE 6, 7, 8

## 2.2 CHANGE SUMMARY:

Section 4.2 covers Severe Thunderstorm Watches. In section 4.2, guidance is given for activities needed to be taken in the case of a Severe Thunderstorm Watch. Section 4.3, 4.4, 4.5, and 4.6 cover Severe Thunderstorm Warnings, High Winds, Tornado Watches, and Tornado Warnings respectively. Each of these sections advises to implement section 4.1 as conditions allow. However, they do not require the actions in section 4.2 to be implemented.

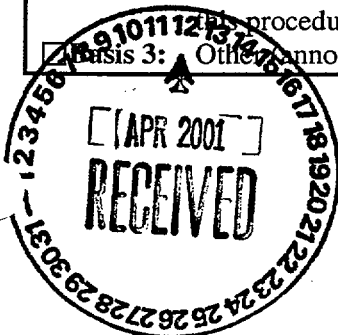
It appears the originator of this procedure assumed a progression from Severe Thunderstorm Watches through the more severe conditions. If this were true, all of the actions in section 4.2 would have been implemented when the conditions in 4.3, 4.4, 4.5, and 4.6 occurred. This may not always be true. If we enter a condition in 4.3, 4.4, 4.5, or 4.6 without beginning with a Severe Thunderstorm Watch (section 4.2), some actions will not be taken.

This TCN adds "and 4.2" to sections 4.3.3, 4.4.2, 4.5.2, and 4.6.3. This address this concern.

## 3. THIS TEMPORARY CHANGE REPRESENTS:

3.1 YES ☐ NO ☒ A proposed change to the facility as described in the FSAR?

If 3.1 is checked "No", select one of the below bases to substantiate the determination:

☒ Basis 1: The procedure being revised does not alter the design, function or method of performing the function of a system, structure or component as described in the FSAR.☐ Basis 2: This revision is associated with a procedure change for which either an approved FSAR CN currently exists OR an approved FSAR CN MUST exist prior to issuing this procedure. FSAR CN# \_\_\_\_\_. (Note procedure revision may not be issued until an approved FSAR CN exists.)☐ Basis 3: Other (Annotate basis in Change Summary, section 2.0 above)ORIGINAL  
for the NRC

PROCEDURE NUMBER EIP-ZZ-00231 TCN NO. 01-0196 REVISION NO. 0103.2 YES ☐ NO ☒ A change to procedures as described in the FSAR?

If 3.2 is checked "No", select one of the below bases to substantiate the determination:

- ☒ Basis 1: Procedure or procedural activity is **not** listed, described or contained in the FSAR.
- ☐ Basis 2: Revision is associated with a procedure or procedural activity **listed** in the FSAR but not outlined, summarized or completely described.
- ☐ Basis 3: The FSAR description of the procedure is **not** being modified by the revision of the procedure.
- ☐ Basis 4: This revision is associated with a procedure change for which either an approved FSAR CN currently exists OR an approved FSAR CN MUST exist prior to issuing this procedure.  
FSAR CN#\_\_\_\_\_.  
(Note this procedure revision may not be issued until an approved FSAR CN exists.)
- ☐ Basis 5: Other (annotate basis in Revision Summary, section 2.0 above)

PROCEDURE NUMBER EIP-ZZ-00231TCN NO. 01-0196 REVISION NO. 010

3.3 YES ☐ NO ☒ A test or experiment not described in the FSAR or Technical Specifications?

If 3.3 is checked "No", select one of the below bases to substantiate the determination:

☒ Basis 1: The procedure being revised does not involve a test or experiment.

☐ Basis 2: The procedure being revised involves a test or experiment described in the FSAR or Technical Specifications.

☐ Basis 3: This revision is associated with a procedure change for which either an approved FSAR CN currently exists OR an approved FSAR CN MUST exist prior to issuing this procedure.  
FSAR CN# \_\_\_\_\_.

(Note this procedure revision may not be issued until an approved FSAR CN exists.)

☐ Basis 4: Other (annotate basis in Revision Summary, section 2.0 above)

3.4 YES ☐ NO ☒ A change to the Technical Specifications?

3.5 YES ☐ NO ☒ A change affecting the environment or the NPDES Permit?

3.6 YES ☐ NO ☒ A change to the Offsite Dose Calculation Manual (ODCM) or Process Control Program (PCP)?

3.7 YES ☐ NO ☒ A change which affects the RERP?

3.8 YES ☐ NO ☒ A change which affects the Security Plan?

3.9 YES ☐ NO ☒ A change requiring a new/revision to a Surveillance Task Sheet or EQ PM Task Sheet?

3.10 YES ☐ NO ☒ A change requiring revision to the Acceptance Criteria Instrumentation (ACI) Program?

3.11 YES ☐ NO ☒ A new or change to a computerized Checkoff List?

3.12 YES ☐ NO ☒ A change to the Technical Specifications or Bases? (A "Yes" answer is a change of intent.)

3.13 YES ☐ NO ☒ A change to hidden text commitments? (Review a hidden text copy of the procedure to ensure you are aware of the impact the change may have on commitments.)

Two of the members of plant staff whom Prepare, Review, or provide Preliminary Approval of a TCN should be knowledgeable in the area affected by the TCN.

4.	WRITTEN BY	<u>Robert H. Krauss</u>	Safety Supervisor	4/11/01
		Signature	Title	Date
5.	PREPARED BY	<u>Robert H. Krauss</u>	Safety Supervisor	4/11/01
		Signature	Title	Date
6.	QUALIFIED REVIEWER	<u>James G. Bonnell</u>	Fire Marshal	4/11/01
		Signature	Title	Date

For EOP TCNs, the Qualified Reviewer **SHOULD** be the EOP Coordinator **UNLESS** that person is the Preparer or Preliminary Approver

The TCN Qualified Reviewer **SHALL** be different from the Preparer and the Preliminary Approver.

7. PRELIMINARY APPROVAL (Prior to issue SOS 98-102))

7.1	SS/OS/SRO	<u>Robert J. McNamee</u>	Shift Supervisor	4/11/01
		Signature	Title	Date

TCNs that **WILL** affect work in progress associated with plant equipment **MUST** be approved by the on-shift SS/OS before receiving final approval.

The Preliminary Approver **SHALL** hold a SRO license.

8. FINAL APPROVAL (No greater than 14 days past issue date SOS 98-102)

8.1	APPROVAL AUTHORITY	<u>[Signature]</u>	<u>Manager Ops Support</u>	4/12/01
		Signature	Title	Date

4.3 SEVERE THUNDERSTORM WARNING

4.3.1 When a severe thunderstorm warning for Callaway County is broadcast over the NOAA weather radio, the Shift supervisor should ensure that plant personnel are notified of the severe thunderstorm warning by using Attachment 1, Step B.

4.3.1.1 Log entering into EIP-ZZ-00231 in the Control Room Logs along with the time this warning is in effect.

CAUTION: Personnel should not be sent to ensure both turbine building cranes' tornado locks are engaged if a Severe Storm is present at the site.

4.3.2 All normal outside activities should be suspended until the warning for Callaway County is no longer in effect.

TCN 01-0196 4.3.3 Implement Section 4.1 <sup>and 4.2</sup> as conditions allow.

4.3.4 Stop the performance of any surveillance procedure that might make any Engineered Safety Feature inoperable. **COMN 41813**

4.3.5 Verify both emergency diesel generators are aligned for automatic start per OTN-NE-00001, Standby Diesel Generation System. **COMN 41813**.

4.3.6 Stop all activities associated with fuel handling and processing of radioactive materials as soon as practical but before the storm reaches the plant.

4.3.7 Update Safety Monitor per **OOA-ZZ-SM001**, Safety Monitor.

4.4 HIGH WINDS

4.4.1 When meteorological (met) data indicates that winds in the area are in excess of 40 mph (18.0 m/s) for a 15 minute period, or 58 mph (26 m/s) instantaneous, the Shift Supervisor ensures the following steps are implemented:

TCN 01-0196 4.4.2 Implement Section 4.1 <sup>and 4.2</sup> as conditions allow.

4.4.3 Notify plant personnel of high winds by using Attachment 1, Announcements for High Winds/Tornado's, Step A.

#### 4.5 TORNADO WATCH

4.5.1 When a tornado watch for Callaway County is broadcast over the NOAA weather radio, the Shift Supervisor ensures that plant personnel are notified of the tornado watch by using Attachment 1, Step C.

4.5.2 Implement Section 4.1<sup>and 4.2</sup> as conditions allow.

4.5.3 The outside operator and outside security patrols should be informed to alert the Control Room for changes in weather conditions to include:

- ° Funnel clouds.
- ° Dust or debris at the surface below a cloud base.
- ° Large hail (3/4 inch or greater in diameter).
- ° Loud roaring noise associated with the storm.

4.5.4 Assess current and project plant configurations with respect to plant risk in accordance with **EDP-ZZ-01129**, Callaway Plant Risk Assessment prior to taking equipment out of service and to decide if out of service equipment can be returned to service.

#### 4.6 TORNADO WARNING

4.6.1 When a tornado warning for Callaway County is broadcast over the NOAA weather radio, the Shift Supervisor should ensure that plant personnel are notified of the tornado warning by using Attachment 1, Step D.

4.6.2 All normal outside activities should be suspended until the tornado warning for Callaway County is no longer in effect.

4.6.3 Implement Section 4.1<sup>and 4.2</sup> as conditions allow.

4.6.4 Stop the performance of any surveillance procedure that might make any Engineered Safety Feature inoperable. **COMN 41813**

4.6.5 Verify both emergency diesel generators are aligned for automatic start per **OTN-NE-00001**, Standby Diesel Generation System. **COMN 41813**

4.6.6 Stop all activities associated with fuel handling and processing of radioactive materials as soon as practical but before the storm reaches the plant.

#### 4.7 TORNADO WARNING FOR CALLAWAY PLANT

NOTE: Storm front moving toward the plant or actual sighting of a tornado by plant personnel.

4.7.1 When a tornado warning has been issued for Callaway County and the storm front is moving in the direction of the Callaway Plant or, if weather conditions around the site indicate the PRESENCE of a TORNADO:

4.7.2 Sound the plant emergency alarm.

4.7.3 Notify plant personnel of the tornado warning by using Attachment 1, Step E.

4.7.4 Close the Control Room missile door 36042, Control Rm. Foyer to Comm. Corridor.

4.7.4.1 Log entering into EIP-ZZ-00231 in the Control Room Logs along with the time this warning is in effect.

4.7.5 Update Safety Monitor per OOA-ZZ-SM001, Safety Monitor.

4.7.6 Implement Section 4.1 and 4.2 as conditions allow.

#### 4.8 ACTIONS SUBSEQUENT TO TORNADO STRIKING CALLAWAY PLANT BUILDINGS

4.8.1 Refer to EIP-ZZ-00101 , Classification of Emergencies, to determine the appropriate emergency classification.

4.8.2 Accountability should be declared using EIP-ZZ-00230 , Accountability, to determine missing personnel. Accountability should only be declared when weather conditions become favorable.

4.8.3 Expedite the restoration of important plant systems and components to service. COMN 41813

### 5 FINAL CONDITIONS

5.1 Watches or warnings are no longer in effect for Callaway County and high wind conditions for the area no longer exist.

5.2 Announce over the Gai-tronics that severe storm warnings, high winds, tornado watches, or tornado warnings are no longer in effect, using Attachment 1, Step F.