

# WP 12-ER4910

Revision 7

## Earthquake/Seismic Response

Technical Procedure

EFFECTIVE DATE: 04/14/10

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APPROVED FOR USE

**TABLE OF CONTENTS**

1.0 ENTRY CONDITIONS ..... 3

2.0 AUTOMATIC ACTIONS ..... 3

3.0 IMMEDIATE ACTIONS ..... 3

4.0 SUBSEQUENT ACTIONS ..... 4

5.0 EXIT CONDITIONS ..... 4

## **1.0 ENTRY CONDITIONS**

- 1.1 Central Monitoring Room Operator (CMRO) notified of Earthquake or Seismic Event.
- 1.2 CMRO receives an Earthquake Alarm AND Seismic Recording Alarm.
- 1.3 CMRO receives a Seismic Event Alarm AND Seismic Recording Alarm.

## **2.0 AUTOMATIC ACTIONS**

- 2.1 Seismic Event (0.015g)
  - NONE
- 2.2 Earthquake (0.1g or greater)
  - Tornado/Seismic dampers in the WHB close.
  - WHB HVAC shuts down.

## **3.0 IMMEDIATE ACTIONS**

- 3.1 CMRO, sound the INTRO alarm (Surface and Underground) for approximately five seconds.
- 3.2 CMRO, inform site personnel of the following:
  - Earthquake/Seismic Event has occurred.
  - Suspend all operations.
  - All underground personnel report to designated assembly areas.
  - Activate the Operational Assistance Team (OAT).
  - Facility Shift Manager (FSM) contact the Central Monitoring Room (CMR).

## 4.0 SUBSEQUENT ACTIONS

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### NOTE

The Emergency Operations Center (EOC) may be activated if additional support is needed.

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- 4.1 CMRO, if necessary, activate the EOC and perform the following:
  - Announce on PA System (PA) "Activate the EOC."
  - Using site paging system, enter Page 422, **THEN** 111 when prompted.
- 4.2 FSM/Designee, determine if an accident as defined in 30 CFR §50.2, "Accident," has occurred in accordance with WP 04-AD3025, State Mine Accident Emergency Operations Center Notification Plan.
- 4.3 FSM/Crisis Manager, determine emergency category and classification in accordance with WP 12-ER3906. Categorization and Classification of Operational Emergencies, AND perform subsequent appropriate notifications and protective actions.
- 4.4 CMRO, notify the Facility Manager Designee.
- 4.5 CMRO, advise all incoming TRUPACT-II carriers of emergency.
- 4.6 FSM, determine if off-site assistance is required per applicable Memorandum of Understanding.
- 4.7 FSM, implement WP 12-ER3903, Termination, Reentry, and Recovery.

## 5.0 EXIT CONDITIONS

- 5.1 FSM, exit this procedure if event recovery has been initiated.