

Davis Besse Power Station
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Davis-Besse Nuclear Power Station

EMERGENCY PLAN IMPLEMENTING PROCEDURE

RA-EP-01900

GENERAL EMERGENCY

REVISION 03

Prepared by: B. W. Cope

Procedure Owner: Manager – Regulatory Affairs

Effective Date: APR 08 2004

Procedure Classification:

☒ Safety Related
☐ Quality Related
☐ Non-Quality Related

LEVEL OF USE:
STEP-BY-STEP

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1.0 PURPOSE

This procedure outlines the course of action and protective measures required to mitigate a General Emergency.

2.0 REFERENCES

2.1 Developmental

2.1.1 Davis-Besse Nuclear Power Station Emergency Plan

2.2 Implementation

2.2.1 RA-EP-01500, Emergency Classification

2.2.2 RA-EP-01600, Unusual Event

2.2.3 RA-EP-01700, Alert

2.2.4 RA-EP-01800, Site Area Emergency

2.2.5 RA-EP-02240, Offsite Dose Assessment

2.2.6 RA-EP-02245, Protective Action Guidelines

2.2.7 RA-EP-02520, Assembly and Accountability

2.2.8 RA-EP-02530, Evacuation

2.2.9 RA-EP-02710, Reentry

2.2.10 RA-EP-02720, Recovery Organization

3.0 DEFINITIONS

3.1 **GENERAL EMERGENCY** - Events are in progress or have occurred which involve actual or imminent substantial core degradation or melting with the potential for loss of containment integrity. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels offsite for more than the immediate site area.

3.2 **TRANSITORY EVENT** - An event which is classifiable in accordance with RA-EP-01500, Emergency Classification, but becomes a lower - classification or non-classifiable event before being declared.

4.0 RESPONSIBILITIES

- 4.1 The Emergency Director shall be responsible for the implementing of this procedure.
 - 4.1.1 The Shift Manager shall become the Emergency Director during activation of the Davis-Besse Emergency Plan and shall be responsible for coordinating the actions of the emergency organization until relieved.
 - 4.1.2 The Unit Supervisor may assume the Emergency Director duties only if the Shift Manager is not in the Control Room, or is incapable of performing those duties.
 - 4.1.3 The Shift Engineer (Shift Technical Advisor) may assume the Emergency Director duties only if neither the Shift Manager nor the Unit Supervisor is in the Control Room and capable of performing those duties.
 - 4.1.4 Upon arrival in the Control Room, the Emergency Assistant Plant Manager or Emergency Plant Manager may relieve the Emergency Director.
 - 4.1.5 The Emergency Plant Manager may assume the Emergency Director duties from the Technical Support Center (TSC) if the TSC and Emergency Operations Facility (EOF) are activated.
 - 4.1.6 The Emergency Director shall remain in the Control Room until the TSC and EOF have been activated.

5.0 INITIATING CONDITIONS

This procedure shall be utilized whenever a General Emergency has been classified in accordance with RA-EP-01500, Emergency Classification.

NOTE 6.0

The following procedure steps may be performed simultaneously.

6.0 PROCEDURE

DATE: _____

TIME INITIALS

The Emergency Director shall direct performance of the following:

CAUTION 6.1

1. If the General Emergency is due to a security event obtain security management concurrence prior to sounding the Station alarm.

- 6.1 Sound the appropriate Station alarm (fire, access evacuation, and/or initiate emergency procedures) and make the following announcement over the public address system, TWICE.

6.1.1 Upgrading:

"ATTENTION ALL PERSONNEL; ATTENTION ALL PERSONNEL: A GENERAL EMERGENCY HAS BEEN DECLARED. NO EATING, DRINKING, OR SMOKING UNTIL FURTHER NOTICE. ALL MEMBERS OF THE ONSITE EMERGENCY ORGANIZATION REPORT TO YOUR DESIGNATED EMERGENCY RESPONSE FACILITIES. ALL NONESSENTIAL PERSONNEL IMMEDIATELY EVACUATE TO THE LINDSEY SERVICE CENTER. THE REASON FOR THE GENERAL EMERGENCY IS _____."

(STATE REASON)

(SEE RA-EP-02520, ASSEMBLY AND ACCOUNTABILITY FOR FURTHER DETAIL.)

DATE: _____

	<u>TIME</u>	<u>INITIALS</u>
6.1.2 If there is a localized emergency (e.g., fire), then announce its type and location and instruct personnel to stand clear of the area.	_____	_____
6.2 Notify the Emergency Response Organization (ERO) in accordance with RA-EP-02110, Emergency Notification.	_____	_____
6.3 Protective Action Recommendations (PARs) shall be made in accordance with RA-EP-02245, Protective Action Guidelines.	_____	_____
6.4 Notify Ottawa County, Lucas County and the State of Ohio within 15 minutes of any emergency classification using the Initial Notification Form, DBEP-010, in accordance with RA-EP-02110, Emergency Notification.	_____	_____
6.5 Notify the NRC within 1 hours using the Reactor Plant Event Notification Worksheet, DB-0095.	_____	_____
6.6 Initiate a general evacuation of the site in accordance with RA-EP-02530, Evacuation.	_____	_____
Nonessential personnel evacuated from the station.	_____	_____
6.7 Initiate personnel accountability (unless previously accomplished) in accordance with RA-EP-02520, Assembly and Accountability.	_____	_____
Accountability completed.	_____	_____
6.8 Terminate all radwaste releases.	_____	_____
6.9 Increase surveillance of Control Room instrumentation. Indications of core status (e.g., incore thermocouple reading, etc.) shall receive particular attention.	_____	_____
6.10 Ensure the following emergency response facilities are activated:		
6.10.1 The Operations Support Center	_____	_____
6.10.2 The Technical Support Center	_____	_____

DATE: _____

	<u>TIME</u>	<u>INITIALS</u>
6.10.3 The Emergency Operations Facility	_____	_____
6.10.4 The Joint Public Information Center	_____	_____
6.10.5 The Corporate Emergency Response Organization	_____	_____
6.11 Continue dose assessment activities in accordance with RA-EP-02240, Offsite Dose Assessment, with increased emphasis on determining the need for protective actions.	_____	_____

CAUTION 6.12

Changes in Protective Action Recommendations (PARs) shall be communicated to the offsite agencies using the Initial Notification Form (DBEP-010) within 15 minutes of the Emergency Director decision.

- 6.12 IF changes in plant conditions or projected offsite doses require a change in PARs, THEN DO NOT change an existing PAR for a specific sub-area until the conditions that caused the PAR to be issued are fully under control, AND notify the offsite agencies of the PAR changes within 15 minutes of the change in the PAR using the Initial Notification Form (DBEP-010) in accordance with RA-EP-02110, Emergency Notification. Include all PARs that are affected with each notification.
- 6.13 Make periodic updates to offsite agencies as conditions change, or hourly at a minimum, using the Periodic Update Form, DBEP-009, in accordance with RA-EP-02110, Emergency Notification. These updates may be omitted by mutual agreement with the offsite agencies.
- 6.14 When plant conditions change review RA-EP-01500, Emergency Classification, to determine if the event should be reclassified.

DATE: _____

TIME INITIALS

- | | | | |
|--------|---|-------|-------|
| 6.14.1 | Once a General Emergency has been declared, the event shall <u>NOT</u> be downgraded without reviewing Downgrading Guidelines in RA-EP-01500, Emergency Classification. | _____ | _____ |
| 6.14.2 | If the event is reclassified, then implement the appropriate procedure. | _____ | _____ |
| 6.15 | When the General Emergency is downgraded, make the following notifications in accordance with RA-EP-02110, Emergency Notification: | | |
| 6.15.1 | Ottawa County, Lucas County, and the State of Ohio using the Initial Notification Form, DBEP-010. | _____ | _____ |
| 6.15.2 | The NRC using the Reactor Plant Event Notification Worksheet, DB-0095. | _____ | _____ |
| 6.16 | If a transitory General Emergency condition has occurred, notify Ottawa County, Lucas County, State of Ohio, and the NRC in accordance with RA-EP-02110, Emergency Notification. | _____ | _____ |
| 6.17 | The individual assuming the responsibilities of Emergency Director shall complete the Emergency Director Turnover Data Sheet, DBEP-304, using information provided by the Control Room log, unit log, and status boards. | _____ | _____ |
| 6.18 | If the emergency situation is mitigated and completely declassified, then perform the following: | | |
| 6.18.1 | Make this announcement over the public address system:

"ATTENTION ALL PERSONNEL,
ATTENTION ALL PERSONNEL. THE
EMERGENCY SITUATION HAS BEEN
TERMINATED. I REPEAT, THE
EMERGENCY SITUATION HAS BEEN
TERMINATED. | _____ | _____ |
| 6.18.2 | Notify Ottawa County, Lucas County, and the State of Ohio using the Initial Notification Form, DBEP-010, in accordance with RA-EP-02110, Emergency Notification. | _____ | _____ |

DATE: _____

	<u>TIME</u>	<u>INITIALS</u>
6.18.3 Notify the Nuclear Regulatory Commission using the Reactor Plant Event Notification Worksheet, DB-0095, in accordance with RA-EP-02110, Emergency Notification.	_____	_____
6.18.4 Notify the Emergency Response Organization (ERO) in accordance with RA-EP-02110, Emergency Notification.	_____	_____
6.19 Perform necessary reentry actions in accordance with RA-EP-02710, Reentry.	_____	_____
6.20 Perform recovery actions in accordance with RA-EP-02720, Recovery Organization.	_____	_____
6.21 Records, other than Safeguard Records, shall be collected and forwarded to the Supervisor – Emergency Preparedness who shall submit them to Nuclear Records Management. Safeguards Records shall be collected and forwarded to the Supervisor – Security Shift.	_____	_____

Section 6.0 completed by: _____ Date: _____

7.0 FINAL CONDITIONS

- 7.1 The emergency condition has been downgraded and actions are being taken in accordance with RA-EP-01800, Site Area Emergency, RA-EP-01700, Alert or RA-EP-01600, Unusual Event.

OR

- 7.2 Emergency conditions no longer exist and actions are being taken in accordance with RA-EP-02710, Reentry, and/or RA-EP-02720, Recovery Organization.

8.0 RECORDS

- 8.1 The following quality assurance records are completed by this procedure and shall be listed on the Nuclear Records List, captured, and submitted to Nuclear Records Management in accordance with NG-NA-00106:

8.1.1 None

- 8.2 The following non-quality assurance records are completed by this procedure and may be captured and submitted to Nuclear Records Management, in accordance with NG-NA-00106:

8.2.1 RA-EP-01900, General Emergency (when steps have been completed)

8.2.2 Emergency Director Turnover Data Sheet, DBEP-304

8.2.3 Initial Notification Form, DBEP-010

8.2.4 Periodic Update Form, DBEP-009

8.2.5 Reactor Plant Event Notification Worksheet, DB-0095

COMMITMENTS

<u>Section</u>	<u>Reference</u>	<u>Comments</u>
6.2, 6.4, 6.13	O 13532, O 13969, O 15211, O 15212	Addresses 24 hour notification capability
6.6	O 13600	Evacuation of non-essential personnel
4.1.3	O 13670	Specifies conditions under which STA may assume Emergency Director duties
6.11	O 13584	Concerns protective action recommendations
6.11	O15209	Dose Assessment
ALL	Q 03113	Activating the ERO
6.12	O 20716	Provides additional guidance for modifying offsite protective action recommendations. RIS 2003-012 (CR03-06439)