

Davis-Besse Nuclear Power Station

Unit No. 1

Emergency Plan Implementing Procedure EI 1300.02

Unusual Event

Record of Approval and Changes

Prepared by G. J. Reed 5/30/80
 Date

Submitted by C. E. Wells 6/13/80
 Section Head Date

Recommended by *B.R. Buyer* 6/13/80
 SRB Chairman Date

QA Approved N/A _____
 Quality Assurance Manager Date

Approved by *T.D. Murney* 8/18/80
 Station Superintendent Date

Revision No.	SRB Recommendation	Date	QA Approved	Date	Sta. Supt. Approved	Date
1	<i>B.R. Buyer</i>	1/14/81	NA		<i>T.D. Murney</i>	11/30/81
2	<i>amending</i>	6/22/82	NA		<i>T.D. Murney</i>	7/2/82
3	<i>amending</i>	10/19/82	NA		<i>T.D. Murney</i>	11/29/82
4	<i>B.R. Buyer</i>	6/7/83	NA		<i>T.D. Murney</i>	6/15/83

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1. PURPOSE

To outline the course of action and protective measures required to mitigate the consequences of a Station emergency at the Unusual Event level to safeguard Station personnel and the general public.

2. SCOPE

Describes the actions and responsibilities of Davis-Besse personnel and offsite support groups in the event the Shift Supervisor declares an Unusual Event in accordance with the Emergency Plan Activation procedure, EI 1300.01.

3. REFERENCES

- 3.1 Davis-Besse Nuclear Power Station Emergency Plan
- 3.2 Station Response to Emergencies, EI 1300.00
- 3.3 Emergency Plan Activation, EI 1300.01
- 3.4 First Aid Response, AD 1827.02
- 3.5 Protective Action Guidelines, AD 1827.12

4. DEFINITIONS

- 4.1 Unusual Events - Event(s) are in progress or which occurred that indicate a potential degradation of the level of safety of DBNPS.

5. EMERGENCY MEASURES

5.1 Shift Supervisor

The Shift Supervisor, having assumed the role of interim Emergency Duty Officer and having classified the emergency as an Unusual Event, shall assure the following actions are taken as required (See Attachment 1):

- 5.1.1 Make the appropriate notifications or sound the appropriate alarm as necessary:
 - a. Fire
 - b. Containment Evacuation
 - c. Initiate Emergency Procedures

NOTE: The station alarm need not be sounded if downgrading from a higher classification.

3. The Shift Supervisor or his designee shall then activate the pagers of the key emergency response personnel as listed in Administrative Memorandum No. 37.
4. When paged (beeped), those individuals must telephone the Edison Operator who shall connect them with the Telephone Pager thus allowing them to hear the recorded message.
5. These individuals shall then "call in" or notify additional personnel as required to provide adequate response to the event by using Administrative Memorandum No. 37.

NOTE: The NRC resident inspector can be telephoned or paged in accordance with AD 1827.17 if necessary.

5.1.4 Notification of the following agencies must occur:

NOTE: When notifying an outside agency, record the name of the individual contacted and request a return telephone call from the agency to verify notification.

- a. Sheriff's Department, Ottawa County, within 15 minutes of an emergency declaration. This notification can be accomplished by phone using either the commercial number or an unlisted number provided for emergencies (both found in Admin. Memo 37) or by radio through CAS or SAS.
- b. NRC Region III, Office of Inspection and Enforcement; NRC, NRR, Emergency Incident Response Center, Bethesda, Maryland (This is accomplished by the NRC Emergency Notification System - Red Phone) within one hour.

4 | 5.1.5 Continue in the capacity of interim Emergency Duty Officer until relieved by the assigned Emergency Duty Officer. In the event that the EDO cannot be contacted or does not arrive in a timely manner, the Shift Supervisor must complete those steps performed by the EDO, until relieved.

5.1.6 Assess the situation by monitoring Control Room and other plant instrumentation;

- 5.2.6 Recommend protective actions to the Ottawa County Sheriff if required by assessment results per AD 1827.12, Protective Action Guidelines.

5.3 Shift Operations Personnel

- 5.3.1 Control Room operators shall maintain safe operations of the Station and minimize the potential hazards to Station personnel and the general public as directed by the Shift Supervisor.
- 5.3.2 In the event that the Shift Supervisor is incapacitated, his duties and responsibilities indicated in Step 5.1 shall be assumed by the Assistant Shift Supervisor in the Control Room until relieved by a qualified Shift Supervisor.
- 5.3.3 Equipment and auxiliaries operators shall maintain safe operations of the Station as directed by the Shift Supervisor.
- 5.3.4 The Shift Technical Advisor shall provide technical and analytical support in the diagnosis of off-normal events. He shall also advise and assist the Shift Supervisor on matters pertaining to the safe and proper operation of the plant with regards to nuclear safety.

5.4 Shift Chemistry and Radiation Tester (C&RT)

- 5.4.1 The shift C&RT shall report immediately to the Health Physics Monitoring Room to await instruction from the Shift Supervisor or Chemist and Health Physicist.
- 5.4.2 The shift C&RT shall provide radiological monitoring for the Fire Brigade in the event of a fire in RACA.
- 5.4.3 The shift C&RT shall monitor all injured personnel before they leave the site. An off-shift C&RT shall accompany or meet the contaminated personnel at the offsite medical facilities.

5.5 Fire Brigade

- 5.5.1 The Fire Brigade Captain shall respond to any announced fire, evaluate the situation, direct the Fire Brigade, and keep the Shift Supervisor informed of the status of the fire.

- 5.10.2 The H.B. Magruder Memorial Hospital shall provide offsite medical treatment for personnel as required.
- 5.10.3 The Carroll Township Fire Department shall provide primary response to fire alarms onsite as required.
- a. The Village of Oak Harbor Fire Department shall provide alternate response to fire alarms onsite as required through mutual aid with Carroll Township.
- 5.10.4 The Ottawa County Sheriff's Department is notified in order that local authorities may be prepared to answer inquiries generated by the public. The Sheriff's Department is also the main contact for medical and fire support agencies who respond to Davis Besse (See Sections 5.10.1, 5.10.2 and 5.10.3 above).

6. TERMINATION

- 6.1 The Emergency Duty Officer and Station Operations Manager have joint responsibility for determining and declaring when the emergency situation is stable.
- 6.2 The Emergency Duty Officer shall assure notification of all offsite organizations and TECo personnel that the emergency has terminated.
- 6.3 A written summary will follow notification of termination within 24 hours.

EDO/SHIFT SUPERVISOR
CHECKLIST FOR
EMERGENCY EVENT

An Unusual Event (UE) was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M., by _____
(Time) (Title)

An Alert was declared on _____ at _____ A.M./P.M., by _____
(Date) (Time) (Title)

due to _____
(Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M., by _____
(Time) (Title)

A Site Emergency was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M. by _____
(Time) (Title)

A General Emergency (GE) was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M. by _____
(Time) (Title)

The declared classification has been confirmed:

Unusual Event by _____ at _____ A.M./P.M.
(Title) (Time)

Checklist

Alert by _____ at _____ A.M./P.M.

Site by _____ at _____ A.M./P.M.

Gen'l. Emer by _____ at _____ A.M./P.M.

Conduct the necessary notifications to:

	<u>UE</u> (Time/Int)	<u>ALERT</u> (Time/Int)	<u>SITE</u> (Time/Int)	<u>GE</u> (Time/Int)
1. Secondary Alarm Station (SAS)	_____	_____	_____	_____
NOTE: In the event of a fire or medical emergency, the SAS Operator will make calls for emergency support and/or notification of the following agencies or personnel.				
a. Fire Dept.(s)	_____	_____	_____	_____
b. Emer. Medical Service (EMS)	_____	_____	_____	_____
c. Edison Oper.	_____	_____	_____	_____
d. Magruder Hosp.	_____	_____	_____	_____
e. St. Charles Hospital	_____	_____	_____	_____
f. Life Flight	_____	_____	_____	_____
2. Nuclear Security Supervisor	_____	_____	_____	_____
3. Station Supt.	_____	_____	_____	_____

NOTE: The Ottawa County Sheriff must be notified within 15 minutes of an emergency declaration. The Station Superintendent or his designee is responsible for this notification.

a. The Ottawa County Sheriff was notified at _____ A.M./P.M. by _____ (Title). The message was given to _____ (Name)

_____. The following information was relayed:

Checklist

(Brief Summary)

	<u>UE</u> <u>(Time/Int)</u>	<u>ALERT</u> <u>(Time/Int)</u>	<u>SITE</u> <u>(Time/Int)</u>	<u>GE</u> <u>(Time/Int)</u>
4. Key Emergency Response Personnel	_____	_____	_____	_____
5. NRC (via ENS)	_____	_____	_____	_____

NOTE: The NRC must be notified within one hour of the declaration of an emergency classification and should be made by Station management.

The initial information given to the NRC was received by:

_____, and was as follows:

(Brief Summary)

Perform the applicable steps of ECC Checklist Attachment 3 EI 1300.08

Activated (Center activations are not required for each classification and may be omitted where applicable):

a. ECC	_____	_____	_____	_____
b. TSC	_____	_____	_____	_____
c. OSC	_____	_____	_____	_____
d. ESC	_____	_____	_____	_____

EDO/SHIFT SUPERVISOR
PERIODIC UPDATE RECORD
FOR EMERGENCY EVENT

Conduct period updates for:

a. TED personnel at _____ A.M./P.M.: _____

b. NRC at _____ A.M./P.M.: _____

c. Ottawa County Sheriff/County EOC at _____ A.M./P.M.: _____

Conduct periodic updates for:

a. TED personnel at _____ A.M./P.M.: _____

b. NRC at _____ A.M./P.M.: _____

c. Ottawa County Sheriff/County EOC at _____ A.M./P.M.: _____

Davis-Besse Nuclear Power Station

Unit No. 1

Emergency Plan Implementing Procedure EI 1300.03

Alert

Record of Approval and Changes

Prepared by G. J. Reed 5/30/80
Date

Submitted by C. E. Wells 6/13/80
Section Head Date

Recommended by *B. B. Beyer* 6/13/80
SRB Chairman Date

QA Approved N/A _____
Quality Assurance Manager Date

Approved by *T. D. Murray* 8/18/80
Station Superintendent Date

Revision No.	SRB Recommendation	Date	QA Approved	Date	Sta. Supt. Approved	Date
1	<i>B. B. Beyer</i>	1/14/81	NA		<i>T. D. Murray</i>	1/30/81
2	<i>SM Jensen</i>	6/22/82	NA		<i>T. D. Murray</i>	6/28/82
3	<i>SM Jensen</i>	10/19/82	NA		<i>T. D. Murray</i>	11/3/82
4	<i>B. B. Beyer</i>	6/7/83	NA		<i>T. D. Murray</i>	6/15/83

1. PURPOSE

To outline the course of action and protective measures required to mitigate the consequences of Station emergency at the Alert level to safeguard Station personnel and the general public.

2. SCOPE

Describes the actions and responsibilities of Davis-Besse personnel and offsite support groups in the event the Shift Supervisor declares an Alert as identified in the Emergency Plan Activation procedure, EI 1300.01.

3. REFERENCES

- 3.1 Davis-Besse Nuclear Power Station Emergency Plan
- 3.2 Station Response to Emergencies, EI 1300.00
- 3.3 Emergency Plan Activation, EI 1300.01
- 3.4 Protective Action Guidelines, AD 1827.12

4. DEFINITIONS

- 4.1 Alert - Events are in progress or have occurred which involve an actual or substantial degradation of the level of safety of DBNPS.

5. EMERGENCY MEASURES

5.1 Shift Supervisor

The Shift Supervisor, having assumed the role of interim Emergency Duty Officer and having classified the emergency as an Alert, shall assure the following actions are taken as required (See Attachment 1):

- 5.1.1 Make the appropriate notifications or sound the appropriate alarm as necessary:
 - a. Fire
 - b. Containment Evacuation
 - c. Initiate Emergency Procedures

NOTE: The station alarm need not be sounded if downgrading from a higher classification.

3. The Shift Supervisor or his designee shall then activate the pagers of the key emergency response personnel as listed in Administrative Memorandum No. 37.
4. When paged (beeped), those individuals must telephone the Edison Operator who shall connect them with the Telephone Pager thus allowing them to hear the recorded message.
5. Those individuals shall then "call in" or notify additional personnel as required to provide adequate response to the event by using Administrative Memorandum No. 37.

NOTE: The NRC resident inspector can be telephoned or paged in accordance with AD 1827.17 if necessary.

5.1.4 Notification of the following agencies must occur:

NOTE: When notifying an outside agency, record the name of the individual contacted and request a return telephone call from the agency to verify notification

- a. Sheriff's Department, Ottawa County, within 15 minutes of an emergency declaration. This notification can be accomplished using either the commercial number or an unlisted number provides for emergencies (both found in Admin. Memo 37) or by radio through CAS or SAS.
- b. NRC Region III, Office of Inspection and Enforcement; NRC, NRR, Emergency Incident Response Center, Bethesda, Maryland (This is accomplished by the NRC Emergency Notification System - Red Phone) within one hour.

5.1.5 Continue in the capacity of interim Emergency Duty Officer until relieved by the assigned Emergency Duty Officer. In the event that the EDO cannot be contacted or does not arrive in a timely manner, the Shift Supervisor must complete those steps performed by the EDO, until relieved.

5.1.6 Assessment actions which shall include:

- a. Increased surveillance of in-plant instrumentation.

- 5.2.6 Recommend protective actions to the Ottawa County Sheriff as required by assessment results per AD 1827.12, Protective Action Guidelines.

5.3 Shift Operations Personnel

- 5.3.1 Control Room operators shall maintain safe operations of the Station and minimize the potential hazards to Station personnel and the general public as directed by the Shift Supervisor.
- 5.3.2 In the event that the Shift Supervisor is incapacitated, his duties and responsibilities indicated in Step 5.1 shall be assumed by the Assistant Shift Supervisor in the Control Room until relieved by a qualified Shift Supervisor.
- 5.3.3 Equipment and auxiliaries operators shall maintain safe operations of the plant as directed by the Shift Supervisor.
- 5.3.4 The Shift Technical Advisor shall provide technical and analytical support in the diagnosis of off-normal events. He shall also advise and assist the Shift Supervisor on matters pertaining to the safe and proper operation of the plant with regards to nuclear safety.

5.4 Shift Chemistry and Radiation Tester (C&RT)

- 5.4.1 The shift C&RT shall report immediately to the Health Physics Monitoring Room to await instructions from the Shift Supervisor or Chemist and Health Physicist.
- 5.4.2 The shift C&RT shall provide radiological monitoring for the Fire Brigade in the event of a fire in RACA.
- 5.4.3 The shift C&RT shall monitor all injured personnel before they leave the site. An off-shift C&RT shall accompany or meet the contaminated personnel at the offsite medical facilities.

5.5 Fire Brigade

- 5.5.1 The Fire Brigade Captain shall respond to any announced fire, evaluate the situation, direct the Fire Brigade, and keep the Shift Supervisor informed of the status of the fire.

5.8.4 RMT's responding from offsite will report to the RTL for further assignment.

5.9 Onsite Personnel

5.9.1 Personnel, who do NOT have specifically assigned duties shall proceed to areas as prescribed in AD 1827.11 Assembly, Accountability, and Subsequent Evacuation.

5.10 Offsite Personnel

4 | 5.10.1 Station personnel whose emergency response is at the station will be admitted upon verbal communication with security. These personnel should report to their emergency assembly area (as designated by AD 1827.11) for assignment.

5.10.2 Station personnel whose emergency response is in the DBAB will report to their designated location.

5.10.3 Non-badged personnel will report to the location designated by this contact according to the severity of the emergency (ie DBAB, PPF, or ESC). Normal badging procedures will be utilized if it becomes necessary for these personnel to enter the station.

5.11 Offsite Agencies and Organizations

5.11.1 The Carroll Township Ambulance Service shall provide transportation service as required for offsite medical treatment.

5.11.2 The H. B. Magruder Memorial Hospital shall provide offsite medical treatment for personnel as required.

5.11.3 The Carroll Township Fire Department shall provide primary response to fire alarms onsite as required.

a. The Village of Oak Harbor Fire Department shall provide alternate response to fire alarms onsite as required through mutual aid with Carroll Township.

5.11.4 The Ottawa County Sheriff's Department is experienced in providing area control, communications assistance, and direct handling of the local population, including evacuation, should it become necessary. The Sheriff's Department provides 24 hour radio communication coverage with the Shift Supervisor at DBNPS and is

EDO/SHIFT SUPERVISOR
CHECKLIST FOR
EMERGENCY EVENT

An Unusual Event (UE) was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M., by _____
(Time) (Title)

An Alert was declared on _____ at _____ A.M./P.M., by _____
(Date) (Time) (Title)

due to _____
(Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M., by _____
(Time) (Title)

A Site Emergency was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M. by _____
(Time) (Title)

A General Emergency (GE) was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M. by _____
(Time) (Title)

The declared classification has been confirmed:

Unusual Event by _____ at _____ A.M./P.M.
(Title) (Time)

Checklist

Alert by _____ at _____ A.M./P.M.

Site by _____ at _____ A.M./P.M.

Gen'l. Emer by _____ at _____ A.M./P.M.

Conduct the necessary notifications to:

	<u>UE</u> <u>(Time/Int)</u>	<u>ALERT</u> <u>(Time/Int)</u>	<u>SITE</u> <u>(Time/Int)</u>	<u>GE</u> <u>(Time/Int)</u>
1. Secondary Alarm Station (SAS)	_____	_____	_____	_____
NOTE: In the event of a fire or medical emergency, the SAS Operator will make calls for emergency support and/or notification of the following agencies or personnel.				
a. Fire Dept.(s)	_____	_____	_____	_____
b. Emer. Medical Service (EMS)	_____	_____	_____	_____
c. Edison Oper.	_____	_____	_____	_____
d. Magruder Hosp.	_____	_____	_____	_____
e. St. Charles Hospital	_____	_____	_____	_____
f. Life Flight	_____	_____	_____	_____
2. Nuclear Security Supervisor	_____	_____	_____	_____
3. Station Supt.	_____	_____	_____	_____

NOTE: The Ottawa County Sheriff must be notified within 15 minutes of an emergency declaration. The Station Superintendent or his designee is responsible for this notification.

a. The Ottawa County Sheriff was notified at _____ A.M./P.M. by _____ (Title). The message was given to _____ (Name)

_____. The following information was relayed:

Checklist

(Brief Summary) _____

	<u>UE</u> (Time/Int)	<u>ALERT</u> (Time/Int)	<u>SITE</u> (Time/Int)	<u>CE</u> (Time/Int)
4. Key Emergency Response Personnel	_____	_____	_____	_____
5. NRC (via ENS)	_____	_____	_____	_____

NOTE: The NRC must be notified within one hour of the declaration of an emergency classification and should be made by Station management.

The initial information given to the NRC was received by:

_____, and was as follows:

(Brief Summary) _____

Perform the applicable steps of ECC Checklist Attachment 3 EI 1300.08 _____

Activated (Center activations are not required for each classification and may be omitted where applicable):

a. ECC	_____	_____	_____	_____
b. TSC	_____	_____	_____	_____
c. OSC	_____	_____	_____	_____
d. ESC	_____	_____	_____	_____

Checklist

	<u>UE</u> (Time/Int)	<u>ALERT</u> (Time/Int)	<u>SITE</u> (Time/Int)	<u>GE</u> (Time/Int)
Conduct periodic updates for:				
a. TED Personnel	_____	_____	_____	_____
b. NRC	_____	_____	_____	_____
c. Ottawa County Sheriff/County EOC	_____	_____	_____	_____

(REFER TO ATTACHMENT 2)

As the condition is resolved, the classification is downgraded to:

	<u>Site</u>	<u>Alert</u>
at:	_____ A.M./P.M.	_____ A.M./P.M.
by:	_____	_____
	<u>Unusual Event</u>	<u>Declassified</u>
at:	_____ A.M./P.M.	_____ A.M./P.M.
by:	_____	_____

When the condition is declassified, notify:

- a. TED personnel at _____ A.M./P.M., by _____
(Time) (Title)
- b. NRC at _____ A.M./P.M., by _____
(Time) (Title)
- c. Ottawa County Sheriff at _____ A.M./P.M., by _____
(Time) (Title)

REVIEWED BY _____ FILED BY: _____
 Station Superintendent Emergency Planning Supervisor

EDO/SHIFT SUPERVISOR
PERIODIC UPDATE RECORD
FOR EMERGENCY EVENT

Conduct period updates for:

a. TED personnel at _____ A.M./P.M.: _____

b. NRC at _____ A.M./P.M.: _____

c. Ottawa County Sheriff/County EOC at _____ A.M./P.M.: _____

Conduct periodic updates for:

a. TED personnel at _____ A.M./P.M.: _____

b. NRC at _____ A.M./P.M.: _____

c. Ottawa County Sheriff/County EOC at _____ A.M./P.M.: _____

Davis-Besse Nuclear Power Station

Unit No. 1

Emergency Plan Implementing Procedure EI 1300.04

Site Emergency

Record of Approval and Changes

Prepared by G. J. Reed 5/30/80
 Date

Submitted by C. E. Wells 6/13/80
 Section Head Date

Recommended by B.R. Beyer 6/13/80
 SRB Chairman Date

QA Approved N/A
 Quality Assurance Manager Date

Approved by T. Murray 8/18/80
 Station Superintendent Date

Revision No.	SRB Recommendation	Date	QA Approved	Sta. Supt. Approved	Date
1	B.R. Beyer	1/14/81	NA	T. Murray	1/20/81
2	Smenny	6/22/82	NA	T. Murray	7/2/82
3	Smenny	10/13/82	NA	T. Murray	11/3/82
4	B.R. Beyer	6/7/83	NA	T. Murray	6/5/83

1. PURPOSE

To outline the course of action and protective measures required to mitigate the consequences of a Station emergency at the Site Emergency level to safeguard Station personnel and the general public.

2. SCOPE

Describes the actions and responsibilities of Davis-Besse personnel and offsite support groups in the event the Shift Supervisor declares a Site Emergency in accordance with the Emergency Plan Activation procedure, EI 1300.01.

3. REFERENCES

- 3.1 Davis-Besse Nuclear Power Station Emergency Plan
- 3.2 Station Response to Emergencies, EI 1300.00
- 3.3 Emergency Plan Activation, EI 1300.01
- 3.4 Protective Action Guidelines, AD 1827.12

4. DEFINITIONS

- 4.1 Site Emergency - Events are in progress or have occurred which involve actual or likely major failures of DBNPS functions needed for the protection of the public. There also exists a significant actual or potential release of radioactive material.

5. EMERGENCY MEASURES

5.1 Shift Supervisor

The Shift Supervisor, having assumed the role of interim Emergency Duty Officer and having classified the emergency as a Site Emergency, shall assure the following actions are taken as required (See Attachment 1):

- 5.1.1 Sound the appropriate alarm:
 - a. Fire
 - b. Containment Evacuation
 - c. Initiate Emergency Procedures

NOTE: The station alarm need not be sounded when downgrading from a higher classification.

3. The Shift Supervisor or his designee shall then activate the pagers of the key emergency response individuals as listed in Administrative Memorandum No. 37.
4. When paged (beeped), those individuals must telephone the Edison Operator who shall connect them with the Telephone Pager thus allowing them to hear the recorded message.

NOTE: The NRC resident inspector can be telephoned or paged in accordance with AD 1827.17 if necessary.

5. Those individuals shall then "call in" or notify additional personnel as required to provide adequate response to the event by using Administrative Memorandum No. 37.

5.1.4 Notification of the following agencies must occur:

NOTE: When notifying an outside agency, record the name of the individual contacted and request a return telephone call from the agency to verify notification.

- a. Sheriff's Department, Ottawa County, within 15 minutes of an emergency declaration. This notification can be accomplished by phone using either the commercial number or an unlisted number provided for emergencies (both found in Admin. Memo 37) or by radio through CAS or SAS.
- b. NRC Region III, Office of Inspection and Enforcement; NRC, NRR, Emergency Incident Response Center, Bethesda, Maryland (This is accomplished by the NRC Emergency Notification System - Red Phone) within one hour.

5.1.5 Continue in the capacity of interim Emergency Duty Officer until relieved by the assigned Emergency Duty Officer. In the event that the EDO cannot be contacted or does not arrive in a timely manner, the Shift Supervisor must complete these steps performed by the EDO, until relieved.

5.1.6 Perform assessment actions which shall include:

- 5.2.3 Determine to what extent the offsite and onsite emergency organizations shall be activated.
 - a. For a Site Emergency, the emergency teams and the entire onsite emergency organization shall be activated. A major portion, if NOT all, of the offsite emergency organization may be activated.
 - 5.2.4 Activate the ECC according to the Emergency Control Center Activation Procedure, EI 1300.08.
 - 5.2.5 Continue assessment actions initiated by the Shift Supervisor.
 - 5.2.6 Recommend protective actions to the Ottawa County Sheriff as required by assessment results per AD 1827.12, Protective Action Guidelines.
 - 5.2.7 Ensure that continuous online phone communications are maintained with the State and County Emergency Operations Centers.
- 5.3 Shift Operations Personnel
- 5.3.1 Control room operators shall maintain safe operations of the Station and minimize the potential hazards to Station personnel and the general public as directed by the Shift Supervisor.
 - 5.3.2 In the event that the Shift Supervisor is incapacitated, his duties and responsibilities indicated in Step 5.1 shall be assumed by the Assistant Shift Supervisor in the Control Room until relieved by a qualified Shift Supervisor.
 - 5.3.3 Equipment and auxiliaries operators shall maintain safe operations of the plant as directed by the Shift Supervisor.
 - 5.3.4 The Shift Technical Advisor shall provide technical and analytical support in the diagnosis of off-normal events. He shall also advise and assist the Shift Supervisor on matters pertaining to the safe and proper operation of the plant with regards to nuclear safety.
- 5.4 Shift Chemistry and Radiation Tester (C&RT)
- 5.4.1 The shift C&RT shall report immediately to the Health Physics Monitoring Room to await instructions from the Shift Supervisor or Chemist and Health Physicist.

members will report to the turbine deck assembly area adjacent to the OSC.

- 5.8.2 The OSC Manager will designate RMT members as to their assignment as offsite or onsite.
- a. A list of qualified RMT's is found in Administrative Memo 42.
 - b. Only one member of each team should be from the C&HP section.
- 5.8.3 If requested by the EDO, offsite RMT's will be dispatched to the Radiological Testing Laboratory (RTL) for further instructions.
- 5.8.4 RMT's responding from offsite will report to the RTL for further assignment.

5.9 Plant Staff

Members of the plant staff that have been informed of a Site Emergency shall proceed to their designated locations and perform their assigned functions.

- 5.9.1 The Plant Operations Manager shall proceed to the Control Room. He shall direct plant operations and plant damage control efforts. He shall also keep the Station Operations Manager advised of plant operations.
- 5.9.2 The Operations Engineer shall proceed to the Control Room. His functions are to supervise control room activities, to perform on-the-spot operational analysis as required to assist the Shift Supervisor, and keep the Plant Operations Manager informed of current plant conditions.

5.10 Onsite Personnel

- 5.10.1 Personnel, who do NOT have specifically assigned duties shall proceed to assembly areas as prescribed in AD 1827.11 Assembly, Accountability, and Subsequent Evacuation.

5.11 Offsite Personnel

- 5.11.1 Station personnel whose emergency response is at the station will be admitted upon verbal communication with security. These personnel should report to their emergency assembly area (as designated in AD 1827.11) for assignment.

EDO/SHIFT SUPERVISOR
CHECKLIST FOR
EMERGENCY EVENT

An Unusual Event (UE) was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M., by _____
(Time) (Title)

An Alert was declared on _____ at _____ A.M./P.M., by _____
(Date) (Time) (Title)

due to _____
(Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M., by _____
(Time) (Title)

A Site Emergency was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M. by _____
(Time) (Title)

A General Emergency (GE) was declared on _____ at _____ A.M./P.M.
(Date) (Time)

by _____ due to _____
(Title) (Cause)

The appropriate announcement was made or alarm sounded at

_____ A.M./P.M. by _____
(Time) (Title)

The declared classification has been confirmed:

Unusual Event by _____ at _____ A.M./P.M.
(Title) (Time)

Checklist

Alert by _____ at _____ A.M./P.M.

Site by _____ at _____ A.M./P.M.

Gen'l. Emer by _____ at _____ A.M./P.M.

Conduct the necessary notifications to:

	UE (Time/Int)	ALERT (Time/Int)	SITE (Time/Int)	GE (Time/Int)
1. Secondary Alarm Station (SAS)	_____	_____	_____	_____
NOTE: In the event of a fire or medical emergency, the SAS Operator will make calls for emergency support and/or notification of the following agencies or personnel.				
a. Fire Dept.(s)	_____	_____	_____	_____
b. Emer. Medical Service (EMS)	_____	_____	_____	_____
c. Edison Oper.	_____	_____	_____	_____
d. Magruder Hosp.	_____	_____	_____	_____
e. St. Charles Hospital	_____	_____	_____	_____
f. Life Flight	_____	_____	_____	_____
2. Nuclear Security Supervisor	_____	_____	_____	_____
3. Station Supt.	_____	_____	_____	_____

NOTE: The Ottawa County Sheriff must be notified within 15 minutes of an emergency declaration. The Station Superintendent or his designee is responsible for this notification.

a. The Ottawa County Sheriff was notified at _____ A.M./P.M. by _____ (Title). The message was given to _____ (Name)

_____. The following information was relayed:

Checklist

(Brief Summary)

	<u>UE</u> (Time/Int)	<u>ALERT</u> (Time/Int)	<u>SITE</u> (Time/Int)	<u>GE</u> (Time/Int)
4. Key Emergency Response Personnel	_____	_____	_____	_____
5. NRC (via ENS)	_____	_____	_____	_____

NOTE: The NRC must be notified within one hour of the declaration of an emergency classification and should be made by Station management.

The initial information given to the NRC was received by:

_____, and was as follows:

(Brief Summary)

Perform the applicable steps of ECC Checklist Attachment 3 EI 1300.08

Activated (Center activations are not required for each classification and may be omitted where applicable):

a. ECC	_____	_____	_____	_____
b. TSC	_____	_____	_____	_____
c. OSC	_____	_____	_____	_____
d. ESC	_____	_____	_____	_____

Checklist

	<u>UE</u> (Time/Int)	<u>ALERT</u> (Time/Int)	<u>SITE</u> (Time/Int)	<u>GE</u> (Time/Int)
Conduct periodic updates for:				
a. TED Personnel	_____	_____	_____	_____
b. NRC	_____	_____	_____	_____
c. Ottawa County Sheriff/County EOC	_____	_____	_____	_____

(REFER TO ATTACHMENT 2)

As the condition is resolved, the classification is downgraded to:

	<u>Site</u>	<u>Alert</u>
at:	_____ A.M./P.M.	_____ A.M./P.M.
by:	_____	_____
	<u>Unusual Event</u>	<u>Declassified</u>
at:	_____ A.M./P.M.	_____ A.M./P.M.
by:	_____	_____

When the condition is declassified, notify:

- a. TED personnel at _____ A.M./P.M., by _____.
(Time) (Title)
- b. NRC at _____ A.M./P.M., by _____.
(Time) (Title)
- c. Ottawa County Sheriff at _____ A.M./P.M., by _____.
(Time) (Title)

REVIEWED BY _____ FILED BY: _____
 Station Superintendent Emergency Planning
 Supervisor

EDO/SHIFT SUPERVISOR
PERIODIC UPDATE RECORD
FOR EMERGENCY EVENT

Conduct period updates for:

a. TED personnel at _____ A.M./P.M.: _____

b. NRC at _____ A.M./P.M.: _____

c. Ottawa County Sheriff/County EOC at _____ A.M./P.M.: _____

Conduct periodic updates for:

a. TED personnel at _____ A.M./P.M.: _____

b. NRC at _____ A.M./P.M.: _____

c. Ottawa County Sheriff/County EOC at _____ A.M./P.M.: _____

Davis-Besse Nuclear Power Station

Unit No. 1

Emergency Plan Implementing Procedure EI 1300.05

General Emergency

Record of Approval and Changes

Prepared by G. J. Reed 5/30/80
 Date

Submitted by C. E. Wells 6/13/80
 Section Head Date

Recommended by *BBB* 6/13/80
 SRB Chairman Date

QA Approved N/A _____
 Quality Assurance Manager Date

Approved by *T. M. Munday* 8/18/80
 Station Superintendent Date

Revision No.	SRB Recommendation	Date	QA Approved	Date	Sta. Supt. Approved	Date
1	<i>BBB</i>	1/14/81	NA		<i>T. M. Munday</i>	1/20/81
2	<i>Smearney</i>	6/22/82	NA		<i>T. M. Munday</i>	6/28/82
3	<i>Smearney</i>	10/19/82	NA		<i>T. M. Munday</i>	11/3/82
4	<i>BBB</i>	6/7/83	NA		<i>T. M. Munday</i>	6/15/83

1. PURPOSE

To outline the course of action and protective measures required to mitigate the consequences of a station emergency at the General Emergency level to safeguard Station personnel and the general public.

2. SCOPE

Describes the actions and responsibilities of Davis-Besse personnel and offsite support groups in the event of the Shift Supervisor declares a General Emergency in accordance with the Emergency Plan Activation procedure, EI 1300.01.

3. REFERENCES

3.1 Davis-Besse Nuclear Power Station Emergency Plan

3.2 Station Response to Emergencies, EI 1300.00

3.3 Emergency Plan Activation, EI 1300.01

3.4 Emergency Offsite Dose Estimates, AD 1827.10

3.5 Protective Action Guidelines, AD 1827.12

4. DEFINITIONS

4.1 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, and/or involve the potential release of radioactive particulates or gases offsite of a magnitude to exceed regulatory limits.

5. EMERGENCY MEASURES

5.1 Shift Supervisor

The Shift Supervisor, having assumed the role of interim Emergency Duty Officer and having classified the emergency as a General Emergency, shall assure the following actions are taken as required (See Attachment 1):

5.1.1 Make the appropriate notifications or sound the appropriate alarm as necessary:

- a. Fire
- b. Containment Evacuation
- c. Initiate Emergency Procedures

NOTE: The announcement should include; 1) the Emergency Action Level classification, 2) the level of response required, and 3) a brief description of plant conditions.

3. The Shift Supervisor or his designee shall then activate the pagers of the key emergency response personnel as listed in Administrative Memorandum No. 37.
4. When paged (beeped), those individuals must telephone the Edison Operator who shall connect them with the Telephone Pager thus allowing them to hear the recorded message.
5. These individuals shall then "call in" or notify additional personnel as required to provide adequate response to the event by using Administrative Memorandum No. 37.

NOTE: The NRC resident inspector can be telephoned or paged in accordance with AD 1827.17 if necessary.

5.1.4 Notification of the following agencies must occur:

NOTE: When notifying an outside agency, record the name of the individual contacted and request a return telephone call from the agency to verify notification.

- a. Sheriff's Department, Ottawa County, within 15 minutes of an emergency declaration. This notification can be accomplished by phone using either the commercial number or an unlisted number provided for emergencies (both found in Admin. Memo 37) or by radio through CAS or SAS.
- b. NRC Region III, Office of Inspection and Enforcement; NRC, NRR, Emergency Incident Response Center, Bethesda, Maryland (This is accomplished by the NRC Emergency Notification System - Red Phone) within one hour.

5.1.5 Continue in the capacity of interim Emergency Duty Officer until relieved by the assigned Emergency Duty Officer. In the event that the EDO cannot be contacted or does not arrive in a timely manner, the Shift Supervisor must complete those steps performed by the EDO, until relieved.

- 1 |
- 5.2.2 Evaluate the information, data, and methods utilized by the Shift Supervisor in making his determination in order to ensure that the proper emergency classification has been made.
 - 5.2.3 Activate the ECC according to the Emergency Control Center Activation procedure, EI 1300.08.
 - 5.2.4 Continue assessment actions initiated by the Shift Supervisor.
 - 5.2.5 Confer with the Emergency Operations Manager concerning distribution of a thyroid blocking agent to those TECo emergency workers involved in the Station response as specified in AD 1827.12, Protective Action Guidelines.
 - 5.2.6 Recommend protective actions to the Ottawa County Sheriff as required by assessment results per AD 1827.12, Protective Action Guidelines.

5.3 Shift Operations Personnel

- 5.3.1 Control Room operators shall maintain safe operations of the Station and minimize the potential hazards to Station personnel and the general public as directed by the Shift Supervisor.
- 5.3.2 In the event that the Shift Supervisor is incapacitated, his duties and responsibilities indicated in Step 5.1 shall be assumed by the Assistant Shift Supervisor in the Control Room until relieved by a qualified Shift Supervisor.
- 5.3.3 Equipment and auxiliaries operators shall maintain safe operations of the plant as directed by the Shift Supervisor.
- 5.3.4 The Shift Technical Advisor shall provide technical and analytical support in the diagnosis of off-normal events. He shall also advise and assist the Shift Supervisor on matters pertaining to the safe and proper operation of the plant with regards to nuclear safety.

5.4 Shift Chemistry and Radiation Tester (C&RT)

- 5.4.1 The shift C&RT shall report immediately to the Health Physics Monitoring Room to await instructions from the Shift Supervisor or Chemist and Health Physicist.

3 | 5.7.2 Nuclear Security Officers shall maintain security of the Station as directed by the Nuclear Security Supervisor.

5.8 Radiation Monitoring Team (RMT)

5.8.1 All qualified non-chemistry and health physics RMT members will report to the turbine deck assembly area adjacent to the OSC.

5.8.2 The OSC Manager will designate RMT members as to their assignment as offsite or onsite.

3 | a. A list of qualified RMT's is found in Administrative Memo 42.

b. Only one member of each team should be from the C&HP section.

5.8.3 If requested by the EDO, offsite RMT's will be dispatched to the Radiological Testing Laboratory (RTL) for further instructions.

5.8.4 RMT's responding from offsite will report to the RTL for further assignment.

5.9 Plant Staff

Members of the plant staff that have been informed of a Site Emergency shall proceed to their designated locations and perform their assigned functions.

5.9.1 The Plant Operations Manager shall proceed to the Control Room. He shall direct plant operations and plant damage control efforts. He shall also keep the Station Operations Manager advised of plant operations and plant damage control efforts.

5.9.2 The Operations Engineer shall proceed to the Control Room. His functions are to supervise control room activities, to perform on-the-spot operational analysis as required to assist the Shift Supervisor, and keep the Plant Operations Manager informed of current plant conditions.

5.10 Onsite Personnel

3 | 5.10.1 Personnel, who do NOT have specifically assigned duties shall proceed to areas as prescribed in AD 1827.11 Assembly, Accountability, and Subsequent Evacuation.

6.2 The Emergency Duty Officer shall assure notification of all offsite organizations and TECo personnel that the emergency has terminated.

2 |

6.3 A written summary will follow notification of termination within 8 hours.

EDO/SHIFT SUPERVISOR
CHECKLIST FOR
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by _____ due to _____
(Title) (Cause)

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_____ A.M./P.M., by _____
(Time) (Title)

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(Date) (Time) (Title)

due to _____
(Cause)

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Unusual Event by _____ at _____ A.M./P.M.
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Alert by _____ at _____ A.M./P.M.

Site by _____ at _____ A.M./P.M.

Gen'l. Emer by _____ at _____ A.M./P.M.

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c. Edison Oper.	_____	_____	_____	_____
d. Magruder Hosp.	_____	_____	_____	_____
e. St. Charles Hospital	_____	_____	_____	_____
f. Life Flight	_____	_____	_____	_____
2. Nuclear Security Supervisor	_____	_____	_____	_____
3. Station Supt.	_____	_____	_____	_____

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a. The Ottawa County Sheriff was notified at _____ A.M./P.M.

by _____ . The message was given to _____
(Title) (Name)

_____. The following information was relayed:

Checklist

(Brief Summary)

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c. OSC	_____	_____	_____	_____
d. ESC	_____	_____	_____	_____

EDO/SHIFT SUPERVISOR
PERIODIC UPDATE RECORD
FOR EMERGENCY EVENT

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