

Davis-Besse Nuclear Power Station

Unit No. 1

Emergency Plan Implementing Procedure EI 1300.02

Unusual Event

Record of Approval and Changes

Prepared by	<u>G. J. Reed</u>	<u>5/30/80</u>
		Date
Submitted by	<u>C. E. Wells</u>	<u>6/13/80</u>
	Section Head	Date
Recommended by	<u>B.K. Buyer</u>	<u>6/13/80</u>
	SRB Chairman	Date
QA Approved	<u>N/A</u>	
	Quality Assurance Manager	Date
Approved by	<u>T.D. Murray</u>	<u>8/18/80</u>
	Station Superintendent	Date

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

[Handwritten signature]

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.

5.1.2 Announce the location, type and classification of the emergency on the Station public address system twice and make the appropriate announcement as to the need for personnel assembly, non-assembly, evacuation, or non-evacuation as the conditions dictate.

5.1.3 Notify the following individuals:

- a. Nuclear Security Supervisor
- b. Station Superintendent .

1. During normal working hours, the Station Superintendent should be reached over the Station gal-tronics or telephone or by utilizing his "beeper" pager. During off normal working hours, manually telephone his office and home using the numbers listed in Administration Memorandum No. 37. If there is no answer, then attempt a page. Upon being notified, the Station Superintendent shall then confer with the Shift Supervisor and ascertain the degree of response that may be necessitated by a plant event.

NOTE: If the Station Superintendent does NOT respond within five minutes, re-initiate the page. If a second page fails, the Assistant Station Superintendent, Operations, should be contacted. In the event that neither can be contacted, the Shift Supervisor should exercise his own judgement in dealing with the situation.

2. The Station Superintendent can then authorize the Shift Supervisor to tape an announcement on the Telephone Pager located in the Shift Supervisor's office. (The Station Superintendent may elect to perform this evolution himself over the telephone. If so, the Station Superintendent should call the Edison Operator and request to be connected to the Telephone Pager.)

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.

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

- a. Assessment of a fire shall be performed by the individual discovering it. Confirmation should be made by the Fire Brigade Captain with recommendations to the Shift Supervisor or Emergency Duty Officer. Refer to EP 1202.35
- b. Assessment of the condition of an injured individual and recommendations for care shall be made by the First Aid Team Leader in accordance with First Aid Response, AD 1827.02.

5.1.7 Corrective actions by plant operators shall be according to established procedures that place the plant in a safe condition.

5.2 Emergency Duty Officer (EDO)

The Emergency Duty Officer, upon being informed than an Unusual Event has been declare, shall:

5.2.1 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.

5.2.2 Determine to what extent the offsite and onsite emergency organizations shall be activated.

- a. For an Unusual Event, part of the onsite emergency organization and emergency teams may be activated or, depending on the circumstances, notification of key individuals may be all that is required.

5.2.3 Report to the Emergency Control Center if required and assume the position of Emergency Duty Officer in the onsite emergency organization, relieving the Shift Supervisor of this duty.

NOTE: If the EDO reports to the ECC, he should contact the Emergency Planning Supervisor by telephone or request the Control Room to make contact via the Emergency Call System individual page.

5.2.4 If the need exists, activate the ECC according to the Emergency Control Center Activation Procedure, EI 1300.08.

5.2.5 Continue radiological assessment actions initiated by the Shift Supervisor.

- 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.

5.5.2 Personnel assigned to the Fire Brigade shall respond to any announced fire with appropriate fire fighting and protective equipment and extinguish the fire as directed by the Fire Brigade Captain.

5.5.3 The first Fire Brigade Captain arriving on the scene should remain in charge of the fire until termination of the emergency or relieved by the Fire Chief or Assistant Fire Chief.

5.6 First Aid Team

5.6.1 The First Aid Team Leader shall respond to any announced personnel injuries, evaluate the situation, direct the First Aid Team and keep the Shift Supervisor informed of the status of the injured individual(s).

5.6.2 Personnel assigned to the First Aid Team shall respond to any announced personnel injury with appropriate first aid supplies and provide the necessary first aid treatment.

5.7 Nuclear Security Force

5.7.1 The Nuclear Security Supervisor shall implement the Industrial Security Plan, AD 1808.00, upon notification of a security threat, attempted unauthorized entry, or attempted sabotage.

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

5.8 Onsite Personnel

Onsite personnel, who do NOT have specifically assigned duties during an Unusual Event, shall proceed according to the directions given by the Shift Supervisor over the Station public address system.

5.9 Offsite Personnel

Offsite personnel that are notified to report to the site shall proceed as directed. Further directions will be given upon arrival.

5.10 Offsite Agencies and Organizations

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

- 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> <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 _____. The message was given to _____
(Title) (Name)

_____. The following information was relayed:

Checklist

(Brief Summary)

	UE (Time/Int)	ALERT (Time/Int)	SITE (Time/Int)	GE (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> <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>
Conduct periodic up- dates 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.: _____

END

Attachment 2
Sheet 1 of 1

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. E. 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	B. E. Beyer	1/14/81	NA		T. D. Murray	1/30/81
2	Amending	6/22/82	NA		T. D. Murray	6/28/82
3	Amending	10/19/82	NA		T. D. Murray	11/3/82
4	B. E. Beyer	6/7/83	NA		T. D. Murray	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.

5.1.2 Announce the location, type and classification of the emergency on the Station public address system twice and make the appropriate announcement as to the need for personnel assembly, non-assembly, evacuation, or non-evacuation as the conditions dictate.

5.1.3 Notify the following individuals:

a. Nuclear Security Supervisor

b. Station Superintendent

1. During normal working hours, the Station Superintendent should be reached over the Station gair-tronics or telephone or by utilizing his "beeper" pager. During off normal working hours, manually telephone his office and home using the numbers listed in Administrative Memorandum No. 37. If there is no answer, then attempt a page. Upon being notified, the Station Superintendent shall then confer with the Shift Supervisor and ascertain the degree of response that may be necessitated by a plant event.

NOTE: If the Station Superintendent does NOT respond within five minutes, re-initiate the page. If he fails to respond to a second page, the Assistant Station Superintendent, Operations, should be contacted. If neither can be contacted, the Shift Supervisor should exercise his own judgement in dealing with the situation.

2. The Station Superintendent can then authorize the Shift Supervisor to tape an announcement on the Telephone Pager located in the Shift Supervisor's office. (The Station Superintendent may elect to perform this evolution himself over the telephone. If so, the Station Superintendent should call the Edison Operator and request to be connected to the Telephone Pager.)

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. 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.

- b. The dispatching of shift personnel to the identified problem area for confirmation and visual assessment of the problem.
- c. The dispatching of onsite RMT's to monitor for possible releases and to provide confirmation of correct accident classification.
- d. Surveillance (if a radiological accident is occurring) of the in-plant instrumentation necessary to obtain meteorological and radiological data required for calculating or estimating projected doses. This dose assessment activity shall continue until termination of the emergency in order that the updating of initial assessments may be provided to all concerned offsite agencies and to the EDO.

5.1.7 Corrective actions by plant operators shall be according to established procedures that place the plant in a safe condition.

5.2 Emergency Duty Officer (EDO)

The Emergency Duty Officer, upon being informed that an Alert has been declared, shall:

- 5.2.1 Report to the Emergency Control Center and assume the position of Emergency Duty Officer in the onsite emergency organization, relieving the Shift Supervisor of this duty.
- 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 Determine to what extent the offsite and onsite emergency organizations shall be activated.
 - a. For an Alert, the emergency teams shall be activated along with all or portions of the onsite emergency organization.
- 5.2.4 If the onsite organization is required and the need exists, 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.

5.3 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.

5.5.2 Personnel assigned to the Fire Brigade shall respond to any announced fire with appropriate fire fighting and protective equipment and extinguish the fire as directed by the Fire Brigade Captain.

5.5.3 The first Fire Brigade Captain arriving on the scene should remain in charge of the fire until termination of the emergency or relieved by the Fire Chief or Assistant Fire Chief.

5.6 First Aid Team

5.6.1 The First Aid Team Leader shall respond to any announced personnel injuries, evaluate the situation, direct the First Aid Team and keep the Shift Supervisor informed of the status of the injured individual(s).

5.6.2 Personnel assigned to the First Aid Team shall respond to any announced personnel injury with appropriate first aid supplies and provide the necessary first aid treatment.

5.7 Nuclear Security Force

5.7.1 The Nuclear Security Supervisor, upon notification by the Shift Supervisor that an Alert exists, shall implement the Industrial Security Plan Procedure, AD 1808.00.

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.

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 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

- 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

the lead offsite governmental agency contacted in the event of an emergency at the site.

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 8 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> <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> <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	<hr/>	<hr/>	<hr/>	<hr/>
5. NRC (via ENS)	<hr/>	<hr/>	<hr/>	<hr/>

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	<hr/>	<hr/>	<hr/>	<hr/>
b. TSC	<hr/>	<hr/>	<hr/>	<hr/>
c. OSC	<hr/>	<hr/>	<hr/>	<hr/>
d. ESC	<hr/>	<hr/>	<hr/>	<hr/>

Checklist

	<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>
Conduct periodic up-				
dates 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.: _____

END

Attachment 2
Sheet 1 of 1

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. Boyer* 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.R. Boyer</i>	1/14/81	NA		<i>T.D. Murray</i>	11/20/81
2	<i>sm denny</i>	6/22/82	NA		<i>T.D. Murray</i>	7/2/82
3	<i>sm denny</i>	10/13/82	NA		<i>T.D. Murray</i>	11/13/82
4	<i>B.R. Boyer</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 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.

5.1.2 Announce the location, type and classification of the emergency on the Station public address system twice and make the appropriate announcement as to the need for personnel assembly, non-assembly, evacuation, or non-evacuation as the conditions dictate.

5.1.3 Notify the following individuals immediately:

- a. Nuclear Security Supervisor
- b. Station Superintendent

1. During normal working hours the Station Superintendent should be reached over the Station gaitronics or by utilizing his "beeper" pager. During off normal working hours, manually telephone his office and home using the numbers listed in Administrative Memorandum No. 37. If there is no answer, then attempt a page. Upon being notified, the Station Superintendent shall then confer with the Shift Supervisor and ascertain the degree of response that may be necessitated by the plant event.

NOTE: If the Station Superintendent does NOT respond within five minutes, re-initiate the page. If a second page fails, contact the Assistant Station Superintendent, Operations. If neither can be contacted, the Shift Supervisor should exercise his own judgment in dealing with the situation.

2. The Station Superintendent can then authorize the Shift Supervisor to tape an announcement on the Telephone Pager located in the Shift Supervisor's office. (The Station Superintendent may elect to perform this evolution himself over the telephone. If so, the Station Superintendent should call the Edison Operator and request to be connected to the Telephone Pager.)

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 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:

- a. An increased amount of plant instrumentation shall be monitored, in particular, indications of core status (e.g., incore thermocouple readings, etc.) shall be monitored.
- b. Monitoring efforts shall be greatly increased. Onsite and offsite monitoring teams shall be dispatched. In addition to beta-gamma field measurements, the change-out of thermoluminescent dosimeters (TLD's) at frequent intervals may be performed; air sampling and collection of other environmental media for assessment of material transport and deposition shall be performed.
- c. Dose assessment activities shall be conducted more frequently, with an increased emphasis on dose projection for use as a factor in determining the necessity for protective actions. Radiological and meteorological instrumentation readings shall be used to project the dose rate at predetermined distances from the Station, and to determine the integrated dose received. In reporting the dose projections to the EDO or to offsite agencies, the dose rate, dose, and the basis for the time used for the dose estimate shall always be provided. Any confirmation of dose rates by offsite RMT's shall be reflected in reporting and/or revising dose estimate information provided to applicable offsite agencies.

- 5.1.7 Corrective actions by plant operators shall be according to established procedures that place the plant in a safe condition.

5.2 Emergency Duty Officer (EDO)

The Emergency Duty Officer, upon being informed that a Site Emergency has been declared, shall;

- 5.2.1 Report to the Emergency Control Center and assume the position of Emergency Duty Officer in the onsite emergency organization, relieving the Shift Supervisor of this duty.
- 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 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.

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.

5.5.2 Personnel assigned to the Fire Brigade shall respond to any announced fire with appropriate fire fighting and protective equipment and extinguish the fire as directed by the Fire Brigade Captain.

5.5.3 The first Fire Brigade Captain arriving on the scene should remain in charge of the fire until termination of the emergency or relieved by the Fire Chief or Assistant Fire Chief.

5.6 First Aid Team

5.6.1 The First Aid Team Leader shall respond to any announced personnel injuries, evaluate the situation, direct the First Aid Team and keep the Shift Supervisor informed of the status of the injured individual(s).

5.6.2 Personnel assigned to the First Aid Team shall respond to any announced personnel injury with appropriate first aid supplies and provide the necessary first aid treatment.

2 |

5.7 Nuclear Security Force

5.7.1 The Nuclear Security Supervisor, upon notification by the Shift Supervisor that a Site Emergency exists, shall implement the Industrial Security Plan Procedure, AD 1808.00.

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.

- 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.

- 4
- 5.11.2 Station personnel whose emergency response is in the DBAB will report to their designated location.
 - 5.11.3 Non-badged personnel will report to the location designated by their 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.

5.12 Offsite Agencies and Organizations

- 5.12.1 The Carroll Township Ambulance Service shall provide transportation service as required for offsite medical treatment.
- 5.12.2 The H. B. Magruder Memorial Hospital shall provide offsite medical treatment for personnel as required.
- 5.12.3 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.
- 5.12.4 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 the lead offsite governmental agency contacted in the event of an emergency at the site.

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 8 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:

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

_____. The following information was relayed:

Checklist

(Brief Summary)

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

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	<hr/>	<hr/>	<hr/>	<hr/>
b. TSC	<hr/>	<hr/>	<hr/>	<hr/>
c. OSC	<hr/>	<hr/>	<hr/>	<hr/>
d. ESC	<hr/>	<hr/>	<hr/>	<hr/>

Checklist

	<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>
Conduct periodic up- dates 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.: _____

END

Attachment 2
Sheet 1 of 1

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 *BLB* 6/13/80
SRB Chairman Date

QA Approved N/A
Quality Assurance Manager Date

Approved by *Tommy* 8/18/80
Station Superintendent Date

Revision No.	SRB Recommendation	Date	QA Approved	Date	Sta. Supt. Approved	Date
1	<i>BLB</i>	1/14/81	NA		<i>Tommy</i>	1/10/81
2	<i>Smalley</i>	6/22/82	NA		<i>Tommy</i>	6/28/82
3	<i>Smalley</i>	10/19/82	NA		<i>Tommy</i>	11/3/82
4	<i>BLB</i>	6/7/83	NA		<i>Tommy</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 station alarm need not be sounded if downgrading from a high classification.

- 5.1.2 Announce the location, type and classification of the emergency on the Station public address system twice and make the appropriate announcement as to the need for personnel assembly, non-assembly, evacuation, or non-evacuation as the conditions dictate.
- 5.1.3 Notify the following individuals:
- a. Nuclear Security Supervisor
 - b. Station Superintendent
 1. During normal working hours, the Station Superintendent should be reached over the Station gaitronics or by utilizing his "beeper" pager. During off normal working hours, manually telephone his office and home using the numbers listed in Administrative Memorandum No. 37. If there is no answer, then attempt a page. Upon being notified, the Station Superintendent shall then confer with the Shift Supervisor and ascertain the degree of response that may be necessitated by the plant event.

NOTE:

If the Station Superintendent does NOT respond within five minute, re-initiate the page. If he does not respond to a second page, the Assistant Station Supervisor, Operations, should be contacted. If neither respond, the Shift Supervisor should use his own judgment to deal with the situation.

2. The Station Superintendent can then authorize the Shift Supervisor to tape an announcement on the Telephone Pager located in the Shift Supervisor's office. (The Station Superintendent may elect to perform this evolution himself over the telephone. If so, the Station Superin-

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 insepctor 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.

5.1.6 Assessment actions which shall include:

- a. Increased surveillance of in-plant instrumentation.
- b. Dispatching of shift personnel to the identified problem area for confirmation and visual assessment of the problem.
- c. Dispatching of onsite RMT's to monitor for possible releases.
- d. If a radiological accident is occurring, surveillance of the in-plant instrumentation necessary to obtain meteorological and radiological data required for calculating or estimating projected doses. This dose assessment activity shall continue until termination of the emergency in order that the updating of initial assessments may be provided to all concerned offsite agencies and to the EDO.
- e. Greater emphasis on offsite monitoring efforts and dose projection efforts extending to distances much further from the plant. Additionally, since the projected doses are likely to be much closer to the EPA PAG's, greater emphasis shall be placed on the assessment of release duration.

Dose assessment shall be in accordance with the Emergency Offsite Dose Estimates Procedure, AD 1827.10.
- f. Should any potential danger to the general public be determined, a precautionary evacuation out to two (2) miles may be recommended.

5.1.7 Corrective actions by plant operators shall be according to established procedures that place the plant in a safe condition.

5.2 Emergency Duty Officer (EDO)

The Emergency Duty Officer, upon being informed that an General Emergency has been declared, shall:

- 5.2.1 Report to the Emergency Control Center and assume the position of Emergency Duty Officer in the onsite emergency organization, relieving the Shift Supervisor of this duty.

- 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.

4

- 5.4.2 If a radiological injury is involved, the C&RT should monitor the injured personnel for contamination. However, if plant conditions are in a state where the C&RT can help prevent releases from the station or exposures to individuals in the station, the C&RT should respond to assist there.
- 5.4.3 An off-shift C&RT should accompany or meet a contaminated person at the offsite medical facility.
- 5.4.4 When an accident involves increasing radioactivity in the reactor coolant system as indicated from the radiation monitoring system, the C&RT should perform the purge portion for collecting a reactor coolant sample.

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.
- 5.5.2 Personnel assigned to the Fire Brigade shall respond to any announced fire with appropriate fire fighting and protective equipment and extinguish the fire as directed by the Fire Brigade Captain.
- 5.5.3 The first Fire Brigade Captain arriving on the scene should remain in charge of the fire until termination of the emergency or relieved by the Fire Chief or Assistant Fire Chief.

5.6 First Aid Team

- 5.6.1 The First Aid Team Leader shall respond to any announced personnel injuries, evaluate the situation, direct the First Aid Team and keep the Shift Supervisor informed of the status of the injured individual(s).
- 5.6.2 Personnel assigned to the First Aid Team shall respond to any announced personnel injury with appropriate first aid supplies and provide the necessary first aid treatment.

5.7 Nuclear Security Force

- 5.7.1 The Nuclear Security Supervisor, upon notification by the Shift Supervisor that a General Emergency exists, shall implement the Industrial Security Plan Procedure, AD 1808.00.

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.

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

3 | 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.

5.11 Offsite Personnel

- 4
- 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 by AD 1827.11) for assignment.
 - 5.11.2 Station personnel whose emergency response is in the DBAB will report to their designated location.
 - 5.11.3 Non-badged personnel will report to the location designated by their 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.

5.12 Offsite Agencies and Organizations

- 5.12.1 The Carroll Township Ambulance Service shall provide transportation service as required for offsite medical treatment.
- 5.12.2 The H. B. Magruder Memorial Hospital shall provide offsite medical treatment for personnel as required.
- 5.12.3 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.
- 5.12.4 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 the lead offsite governmental agency contacted in the event of an emergency at the site.

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.

2 | 6.3 A written summary will follow notification of termination within 8 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> <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 _____. The message was given to _____
(Title) (Name)

_____. The following information was relayed:

Checklist

(Brief Summary)

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

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	<hr/>	<hr/>	<hr/>	<hr/>
b. TSC	<hr/>	<hr/>	<hr/>	<hr/>
c. OSC	<hr/>	<hr/>	<hr/>	<hr/>
d. ESC	<hr/>	<hr/>	<hr/>	<hr/>

Checklist

	<u>UE</u> (Time/Int)	<u>ALERT</u> (Time/Int)	<u>SITE</u> (Time/Int)	<u>GE</u> (Time/Int)
Conduct periodic up- dates 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.: _____

END

Attachment 2
Sheet 1 of 1