Davis Besse Power Station
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	TOC 1	TOC 2	Document Type	Document Number	Sht/Sec	Changes	Rev	Status
old	EPIC		PROC	RA-EP-02720			0002	APPROVED
new	EPIC		PROC	RA-EP-02720			0003	APPROVED
old	EPON		PROC	RA-EP-02800			0000	APPROVED
new	EPON		PROC	RA-EP-02800			0001	APPROVED
old	EPOC	EPON	PROC	RA-EP-02870		C96-2164, C97-0372	0000	APPROVED
new	EPOC	EPON	PROC	RA-EP-02870			0001	APPROVED

Davis-Besse Nuclear Power Station

EMERGENCY PLAN IMPLEMENTING PROCEDURE

RA-EP-02720

RECOVERY ORGANIZATION

REVISION 03

Prepared by: B. W. "Skip" Cope

Procedure Owner: Manager - Security

Effective Date: OCT 29 2002

Procedure Classification:

X Safety Related

_____ Quality Related

_____ Non-Quality Related

LEVEL OF USE:

IN-FIELD REFERENCE

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1.0 PURPOSE

1.1 To provide guidance for the initiation and conduct of recovery operations after an incident which has resulted in the implementation of the Davis-Besse Nuclear Power Station Emergency Plan.

2.0 REFERENCES

2.1 Departmental

2.1.1 Davis-Besse Nuclear Power Station Emergency Plan

2.1.2 Corporate Emergency Response Plan (CERP)

2.2 Implementation

2.2.1 RA-EP-01500, Emergency Classification

2.2.2 RA-EP-02710, Reentry

3.0 DEFINITIONS

3.1 RECOVERY – That phase of the response which occurs after the emergency conditions have been controlled and/or corrected, and the emergency terminated. Recovery consists of those actions required to restore the Station as closely as possible to pre-accident status; or to a safe, long-term shutdown.

3.2 ADVISORY SUPPORT GROUP - Persons selected by the Recovery Director based on the need for their individual areas of expertise. Typically this group will consist of senior representatives from the Company, Framatome, Bechtel, Nuclear Regulatory Commission (NRC), Institute of Nuclear Power Operations (INPO), American Nuclear Insurers (ANI), and Nuclear Mutual Limited (NML).

4.0 RESPONSIBILITIES

4.1 The Recovery Director shall be responsible for directing the activities of the Recovery Organization.

4.2 The Plant Recovery Manager shall be responsible for directing all onsite activities supporting the recovery of DBNPS.

4.3 The Offsite Recovery Assistant shall be responsible for coordinating offsite recovery and assessment efforts.

4.4 The Company Spokesperson shall be responsible for functioning as the official spokesperson for the company on all matters relating to the accident or recovery.

4.5 The Radiation Protection Coordinator shall be responsible for coordinating all radiation protection activities conducted in support of the recovery.

4.6 The Operations Coordinator shall be responsible for coordinating all operations activities conducted in support of the recovery.

4.7 The Maintenance Coordinator shall be responsible for coordinating all maintenance activities conducted in support of the recovery and the planning and scheduling of all recovery activities.

4.8 The Engineering Coordinator shall be responsible for coordinating all engineering activities conducted in support of the recovery.

4.9 The Supervisor - Emergency Preparedness shall be responsible for the evaluation of all the emergency activities as they relate to the Emergency Plan.

4.10 The Advisory Support Group shall be responsible for supporting DBNPS as required.

4.11 The Company Nuclear Review Board shall be responsible for the independent review and audit of all recovery activities.

4.12 The Emergency Director and Emergency Plant Manager have joint responsibility for determining when an emergency situation is stable and the Station is ready to enter the recovery phase.

4.13 The Emergency Offsite Manager is responsible for providing notification of all applicable agencies (federal, state, county, etc.) at the time that an emergency has been terminated, and Recovery has begun.

5.0 INITIATING CONDITIONS

5.1 The Emergency Director and Emergency Plant Manager have determined that the emergency situation is stable and the Station is ready to enter the recovery phase.

6.0 PROCEDURE

NOTE 6.1

Modifications to the Recovery Organization may be made as required by the specific incident.

6.1 Recovery Organization

6.1.1 Under the direction of the Vice President – Nuclear, or a designated alternate, the Recovery Organization shall be established as follows:

a. Unusual Event

The normal onshift organization should be adequate to perform necessary recovery actions and a formal Recovery Plan is not required; however, the Deactivation Report, DBEP-062-00, shall be completed. The Shift Manager shall serve as the Recovery Director for an Unusual Event.

b. Alert

A formal recovery Organization and/or a Recovery Plan may be established. The Deactivation Report, DBEP-062-00, shall be completed.

c. Site Area or General Emergency

1. A formal Recovery Organization shall be established similar to that in Attachment 1, Suggested Recovery Organization

2. A formal Recovery Plan shall be developed as follows:

(a) Reviewing information obtained during reentry.

(b) Using Recovery Worksheet, DBEP-063-00, coordinate actions as required.

(c) Developing and revising Implementing procedures as required.

6.2 Recovery Director Duties

6.2.1 The Vice President – Nuclear, or designated alternate, shall be the Recovery Director. This individual shall:

a. Direct the development of a Recovery Plan and Implementing Procedures.

b. Using Recovery Worksheet, DBEP-063-00, outline all activities associated with the Recovery process.

c. Ensure that sufficient resources (e.g., funds, manpower, etc.) are available to support the Recovery process.

d. Coordinate the integration of offsite resources (e.g., federal assistance, resources provided by contractors, etc.) for the Advisory Support Group.

e. Chair the Advisory Support Group.

f. Approve all information regarding the accident or the recovery activities to be released by the Public Information Group.

g. Coordinate appropriate activities with the Corporate Nuclear Review Board (CNRB).

h. Ensure appropriate work space and assistance is provided to the NRC.

i. Evaluate the effectiveness of the Recovery Organization and return any portion of the organization to its non-emergency organizational structure when appropriate.

j. Coordinate with offsite authorities, and provide support as required for offsite recovery activities.

6.3 Plant Recovery Manager Duties

6.3.1 The Plant Manager, or a designated alternate, shall be the Plant Recovery Manager. This individual shall:

a. Direct and coordinate all onsite activites in support of recovery and restoration of DBNPS.

b. Coordinate the development of, and approve all reentry objectives in accordance with RA-EP-02710.

c. Ensure that an accurate chronological log of recovery actions is kept.

d. Keep the Recovery Director informed of the status of recovery activities.

e. Coordinate the development and implementation of the recovery plans and procedures, under the direction of the Recovery Director.

6.4 Offsite Recovery Assistant Duties

6.4.1 The Supervisor – Emergency Preparedness, or a designated alternate, shall be the Offsite Recovery Assistant. This individual shall:

a. Act as a liaison between DBNPS and the offsite agencies and coordinating recovery and assessment efforts, as requested.

b. Coordinate the collection of other offsite radiological data, as required, in support of DBNPS activities.

c. Coordinate any ingestion pathway sampling that DBNPS elects to do to supplement that done by the State.

6.5 Company Spokesperson Duties

6.5.1 The Company Spokesperson, or designated alternate, is responsible for the following:

a. Function as the official spokesperson for the Company on all matters relating to the accident or the recovery.

b. Coordinating media monitoring and rumor control activities.

c. Coordinating with non-Company public information groups (e.g., Ottawa County, Lucas County, Ohio Emergency Management Agency, Nuclear Regulatory Commission, Federal Emergency Management Agency, etc.).

d. Interfacing with the news media.

6.6 Radiation Protection Coordinator Duties

6.6.1 The Manager – Radiation Protection (RP), or designated alternate, shall be the RP Coordinator. This individual shall:

a. Perform the actions of reentry, in accordance with RA-EP-02710, if necessary.

b. Develop plans and procedure to process and control radioactive waste in a manner supportive of recovery goals.

c. Coordinate cleanup and repair activities so as to ensure that worker dose is maintained in accordance with ALARA principles.

d. Estimate the total population dose, if directed by the Recovery Director.

e. Develop plans for plant radiation surveys, sampling and shielding in support of waste system processing, plant repairs and design modification activities.

f. Designate members of Reentry/Recovery Team(s) dealing with onsite radiological aspects of the response.

g. Ensure teams are adequately briefed and equipped with the required protective gear, and are familiar with the radiological conditions and precautions for the area to be reentered.

h. Provide an interface between the team(s) and the Recovery Management to ensure reentry actions are approved and executed in accordance with instructions, and provide the team(s) with the required support.

6.7 Operations Coordinator Duties

6.7.1 The Manager – Operations, or a designated alternate, shall be the Operations Coordinator. This individual shall:

a. Direct all recovery activities conducted by Operations personnel.

b. Provide recommendations to the Plant Recovery Manager regarding plant operations aspects of recovery

c. Designate members for Reentry, as appropriate.

6.8 Maintenance Coordinator Duties

6.8.1 The Manager – Maintenance, or a designated alternate, shall be the Maintenance Coordinator. This individual shall:

a. Coordinate maintenance activities conducted in support of the recovery.

b. Provide recommendations to the Plant Recovery Manager regarding plant maintenance aspects of recovery.

c. Designate members for Reentry, as appropriate.

d. Coordinate the planning and scheduling of all activities in support of recovery.

6.9 Engineering Coordinator Duties

6.9.1 The Director – Engineering or a designated alternate, shall be the Engineering Coordinator. This individual shall:

a. Direct all recovery activities conducted by Engineering personnel.

b. Provide a central point for the collection, retention, retrieval and transmission of plant data.

c. Analyze problems, determine alternatives and develop plans for the recovery of system operations.

d. Coordinate the development of plans and procedures in support of plant systems and operations activities.

e. Designate members of Recovery Team(s) dealing with technical and engineering aspects of the plant.

6.10 Emergency Preparedness Duties

6.10.1 Using Attachment 2, Emergency Preparedness Evaluation, as guidance, the Supervisor – Emergency Preparedness, or a designated alternate, shall:

a. Collect all records within 24 hours of terminating the emergency for evaluation.

b. Evaluate the Emergency Response Organization in the areas of Activation and Response, Direction and Control, Communication, Equipment and other pertinent categories.

c. Resolve emergency mitigation problems through discussions, training and/or procedure revisions, as necessary.

d. Prepare an event report for the Vice President – Nuclear which addresses the areas evaluated and their resolutions.

e. Ensure all records are retained for further evaluation.

6.11 Advisory Support Group Duties

6.11.1 The Advisory Support Group shall be composed of any offsite resources (e.g., federal assistance, resources provided by contractors, etc.) and shall be responsible for::

a. Assigning the authority to individuals to represent their respective organizations in making resource commitments and resolving technical issues.

6.12 Company Nuclear Review Board (CNRB) Duties

6.12.1 The CNRB shall provide an independent review and audit of all recovery activities. They shall coordinate, as required, with the Recovery Director to provide this oversight.

NOTE 6.13

For an Unusual Event the Shift Manager or his designee will perform the actions of the Recovery Director.

6.13 Completion of Recovery Operations

6.13.1 Upon completion of recovery operations, the Recovery Director shall ensure the following:

a. All onsite and offsite organizations involved in the recovery have been apprised of the termination of activities.

b. The news media has received a final status report on the recovery operations.

c. The emergency response facilities have been restored to pre-emergency condition.

d. The Deactivation Report, DBEP-062-00, is completed.

e. A thorough review of actions taken during implementation of the Emergency Plan and during Recovery has been conducted.

f. Revisions to the DBNPS Emergency Plan and procedures are identified to the Supervisor – Emergency Preparedness.

7.0 FINAL CONDITIONS

7.1 This procedure should be terminated when:

a. The activities under the DBNPS Emergency Plan have been terminated.

b. The emergency response facilities have been restored to pre-emergency condition.

c. Revisions to the DBNPS Emergency Plan and Procedures have been identified to the Supervisor – Emergency Preparedness.

8.0 RECORDS

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

8.1.1 Deactivation Report , DBEP-062-00

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

8.2.1 None

ATTACHMENT 1: SUGGESTED RECOVERY ORGANIZATION

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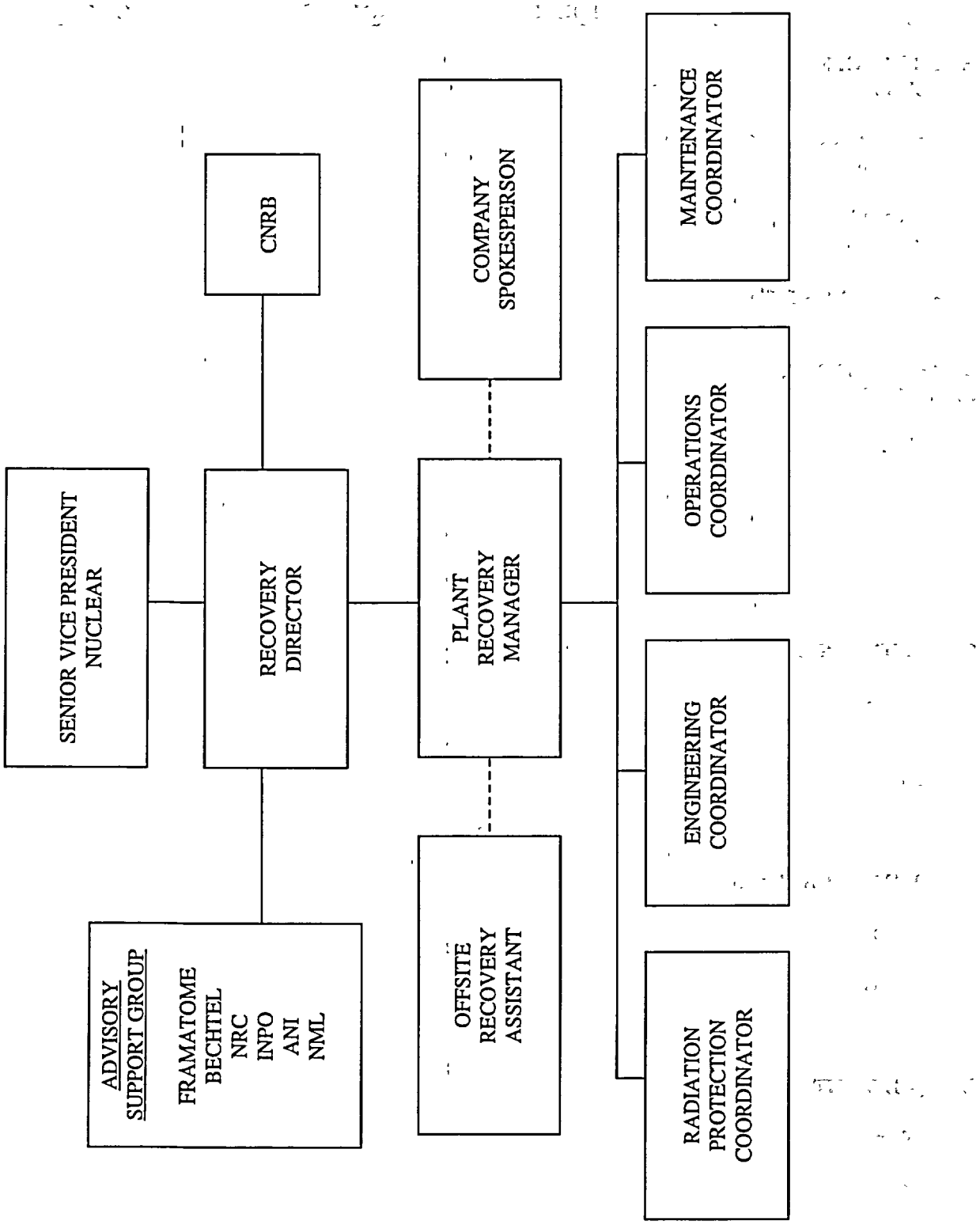

ATTACHMENT 2: EMERGENCY PREPAREDNESS EVALUATION

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	IMMEDIATE	SHORT TERM	LONG TERM
A. PREPARE FOR EVALUATION			
1. Request tapes of the 4-way ringdown phone notifications			
2. Collect all written documentation			
3. Interview participants			
B. ACTIVATION & RESPONSE			
Problems:			
Solutions:			
C. DIRECTION & CONTROL			
Problems:			
Solutions:			
D. COMMUNICATIONS			
Problems:			
Solutions:			
E. EQUIPMENT			
Problems:			
Solutions:			

COMMITMENTS

Step Number	Reference	Comments
3.2	TERMS Q 03111	Governmental agencies and/or private sector organizations with special qualifications to cope with the emergency conditions shall be notified.
6.1	TERMS O 15144	Allows implementation of RA-EP-02720 at emergency classifications above Unusual Event
6.10	TERMS O 15752 TERMS O 16072	Develop additional guidance for documenting activations of the Emergency Plan

Davis-Besse Nuclear Power Station

EMERGENCY PLAN OFFNORMAL PROCEDURE

RA-EP-02800

PREPARATION AND TRANSPORT OF CONTAMINATED INJURED PERSONNEL

REVISION 01

Prepared by: B.W. Cope

Procedure Owner: Manager - Security

Effective Date: OCT 29 2002

Procedure Classification:

X Safety Related

_____ Quality Related

_____ Non-Quality Related

LEVEL OF USE:

IN-FIELD REFERENCE

TABLE OF CONTENTS

1.0 PURPOSE

This procedure describes actions and/or tasks performed during preparation and transport of contaminated injured personnel to offsite medical facilities.

2.0 REFERENCES

2.1 Developmental

Section 6.0, Davis-Besse Nuclear Power Station Emergency Plan

2.2 Implementation

2.2.1 Departmental Procedures

a. DB-HP-01701, Personnel Evaluation and Decontamination

b. DB-OP-00002, Operations Section Event/Incident Notifications, and Action.

3.0 DEFINITIONS

3.1 DESIGNATED MEDICAL FACILITY – The offsite hospital or medical facility selected by the Emergency Medical Services (EMS) squad leader as the most appropriate destination to transport contaminated injured personnel.

3.2 EMS PERSONNEL – Emergency Medical Services (EMS) technicians and attendants.

3.3 LAYDOWN AREA – An area prepared to receive contaminated materials. Laydown areas may be covered by paper and plastic or other protective coverings to facilitate decontamination efforts.

3.4 PATIENT AREA – That portion of an emergency transport vehicle used for patient care and occupancy enroute to medical facilities.

3.5 VITAL PERSONAL EFFECTS – Those items of a personal nature which are deemed necessary or of particular benefit to injured personnel, and should remain with the patient during offsite transport.

4.0 RESPONSIBILITIES

4.1 The Shift Manager is responsible for the implementation of this procedure.

4.2 The First Aid Team (FAT) Leader is responsible for:

4.2.1 Informing Radiation Protection personnel of medical constraints impacting decontamination efforts.

4.2.2 Preparing injured personnel for transport to offsite medical facilities.

4.3 Radiation Protection (RP) Personnel are responsible for:

4.3.1 Ensuring the dosimetry worn by EMS personnel is worn properly.

4.3.2 Providing area radiological surveys of accident locations including radiation, contamination, and airborne radioactivity levels.

4.3.3 Providing radiological surveys of injured personnel and wounds, including radiation and contamination surveys.

4.3.4 Accompanying or following the ambulance to the medical facility.

4.3.5 Decontamination assistance for the contaminated injured personnel, if requested.

4.3.6 Surveying, deconning and releasing EMS personnel and equipment.

4.3.7 Surveying, deconning and releasing hospital equipment and areas.

5.0 INITIATING CONDITIONS

5.1 The First Aid Team (FAT) has responded to a request for medical assistance and determined:

5.1.1 Offsite transport for medical assistance is required for injured personnel.

5.1.2 Injured personnel cannot be decontaminated before transport due to medical constraints.

5.2 Radiation Protection personnel have advised the FAT Leader of survey results indicating injured personnel may be contaminated in excess of station administrative limits or cannot be monitored due to injuries.:

6.0 PROCEDURE

6.1 The First Aid Team (FAT) Leader shall:

6.1.1 Contact the Shift Manager and request EMS assistance for the offsite transport of contaminated injured personnel.

> **WARNING 6.1.2**
> Life threatening medical concerns shall take precedence over radiological concerns. Do NOT detain injured personnel requiring immediate transport to offsite medical facilities.

6.1.2 Provide the Shift Manager with information concerning the contaminated injured personnel including:

a. Name of contaminated injured personnel.

b. Present location of injured personnel.

c. Description of type and extent of injuries.

d. Degree and extent of contamination and other radiological concerns.

6.1.3 Consider moving patient away from radiological hazards if injuries allow.

6.1.4 Direct the containment of localized contamination on injured personnel, under the advisement of an RP Tester.

6.1.5 Ensure the contaminated injured personnel are medically and radiologically stable and the provisions have been made for adequate protection from weather extremes during offsite transport.

6.1.6 Approve and direct movement of contaminated injured personnel to the EMS pickup location.

6.1.7 Find out which hospital the EMS team is transporting the contaminated injured personnel to. Report the destination to the Shift Manager and Secondary Alarm Station (SAS) Operator.

6.1.8 Ensure the FAT members assist loading contaminated injured personnel as directed by the EMS Team.

6.2 The Shift Manager shall:

6.2.1 Contact the Duty RP Manager and request an RP Management Representative meet the patient at the hospital.

6.2.2 Make notification to the NRC in accordance with DB-OP-00002.

6.2.3 Notify the On Call Emergency Offsite Manager and direct notifications be made to the State of Ohio, and Ottawa and Lucas Counties Emergency Management Agencies.

6.3 RP Personnel shall:

6.3.1 Provide the FAT Leader with the following:

a. Dose rates

b. Contamination levels

c. Other radiological concerns

6.3.2 Bag and label vital personal effects (eye glasses, dentures, hearing aids, etc.) which may be contaminated, and ensure they accompany the personnel to the offsite medical facilities. Other personal effects should be surveyed, decontaminated (as necessary), and released to Nuclear Security for safekeeping.

Note 6.3.3

DBEP forms are found in the Emergency Preparedness web page "DBEP Forms."

6.3.3 Complete Personnel Decontamination Form, DBEP-059-00 which includes:

WARNING 6.3.3.a

Do not take smears of wounds and do not attempt removal of contaminated tissue.

a. Sketch locations and levels of contamination on the Body Contamination Map.

b. Describe decontamination efforts, methods used, and results obtained, if any on the Personnel Decontamination Form, DBEP-059-00.

6.3.4 Provide EMS personnel with an uncontaminated or bagged Personnel Decontamination Form, DBEP-059-00.

6.3.4 Provide EMS personnel with an uncontaminated or bagged Personnel Decontamination Form, DBEP-059-00.

Note 6.3.5

Contamination control preparations for the ambulance should be agreed upon by the First Aid Team Leader and the RP Tester. Clean team transfer preparations and contamination coverings may be sufficient for protection of the EMS equipment and vehicle.

6.3.5 Ensure the following Clean Team Transfer techniques are implemented whenever transport involves travel from contaminated areas into radiologically clean areas:

a. Place a stretcher that is covered with a spread-out blanket in an uncontaminated area next to the contaminated area.

b. The contaminated injured person is lifted up by the First Aid Team (FAT) members inside the contaminated area and is placed on the blanket-covered stretcher.

c. The FAT members on the clean side folds the blanket over the contaminated injured person to contaminated injured person to contain the contamination.

6.3.6 Prepare the ambulance to receive contaminated personnel by preparing a simple laydown area in the patient area of the ambulance using plastic or herculite and tape, if time permits.

6.3.7 Verify that EMS personnel have been issued dosimetry; if not, issue dosimetry from the Emergency Ambulance Kit, and document issuance.

6.3.8 Ensure the following:

a. Dosimetry is worn properly by EMS personnel.

b. Both ambulance personnel and contaminated patient retain personal dosimetry devices while enroute to offsite medical facility.

6.3.9 Request to accompany the patient in the ambulance, upon completion of patient loading, in order to assist in contamination control. Should the request be denied, the tester shall follow in a vehicle to the medical facility.

6.3.10 Notify the Shift Manager of the patient arrival time at the medical facility.

6.3.11 Survey, decontaminate, and release EMS personnel and equipment using Ambulance Radiological Release Survey Form, DBEP-060-00 in order to restore to service as soon s possible.

6.3.12 Provide decontamination assistance for contaminated injured personnel, if requested.

6.3.13 Survey, decontaminate, and release hospital equipment and areas utilizing Medical Facility Release Survey Form, DBEP-061-00.

6.3.14 Collect all potentially contaminated waste and prepare it for shipment back to the Davis-Besse Nuclear Power Station.

6.3.15 Retrieve, read, and document dosimetry issued for the emergency response.

7.0 FINAL CONDITIONS

7.1 The contaminated injured person has arrived at the medical facility.

8.0 RECORDS

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

8.1.1 None

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

8.2.1 Personnel Decontamination Form, DBEP-059-00

8 2.2 Ambulance Radiological Release Survey Form, DBEP-060-00

8.2.3 Medical Facility Radiological Release Survey Form, DBEP-061-00

COMMITMENTS

Section	Reference	Comments
6.3.10 6.3.11 6.3.12 6.3.13	TERMS O 15088	RP personnel shall survey areas and collect all potentially radioactive waste before departure.
6.3.4 6.3.5 6.3.8	TERMS O 15091	Improve contamination control provisions for interior of vehicles.
Entire Procedure	TERMS Q 00782	Procedure for handling of contaminated individual.

Davis-Besse Nuclear Power Station

Emergency Plan Offnormal Occurrence Procedure

RA-EP-02870

STATION ISOLATION

Revision 01

Prepared by: Craig Stachler

Procedure Owner: Manager - Security

Effective Date: OCT 29 2002

Procedure Classification:

_____ Safety Related

_____ Quality Related

_X_ Non-Quality Related

LEVEL OF USE:

IN-FIELD REFERENCE

TABLE OF CONTENTS

1.0 PURPOSE

This procedure describes measures to be taken if the Davis-Besse Nuclear Power Station (DBNPS) is or is likely to become isolated.

2.0 REFERENCES

2.1 Developmental

2.1.1 Davis-Besse Nuclear Power Station (DBNPS) Emergency Plan

2.1.2 Emergency Plan Telephone Directory

2.1.3 Human Resources Letter 513: Pay in Adverse Weather/Emergency Situations

2.2 Implementation

2.2.1 NG-IS-00004, Fitness For Duty Program

2.2.2 RA-EP-00600, Emergency Facilities and Equipment Maintenance Program

3.0 DEFINITIONS

3.1 ADVERSE WEATHER CONDITIONS - Weather conditions which can disrupt normal vehicular transportation to and from DBNPS. These conditions are primarily winter storms and flooding.

3.2 CONTINUOUS STATION ISOLATION PREPARATIONS - Actions taken in advance to minimize discomfort for persons who are stranded at DBNPS. These preparations include storage and maintenance of isolation supplies and the staging of Isolation Supply Trailers

3.3 ISOLATION WATCH - Adverse weather has formed and is approaching the area.

3.4 ISOLATION WARNING - A formal notice that DBNPS may be isolated from normal vehicular transportation by adverse weather conditions.

3.5 STATION ISOLATION - DBNPS will be considered isolated when normal vehicular transportation to and from the station is no longer possible.

3.6 ISOLATION SUPPLY TRAILER(S) - Three trailers contain basic supplies for 50 people for two days; and one trailer contains supplies for 100 people for two days.

3.7 STAGING - The act of relocating one or more of the Station Isolation Supply Trailers in preparation for use.

3.8 EMERGENCY VEHICLES - Any vehicle which may be utilized during an emergency (salt truck, ski-dozer, etc.).

3.9 DISMISS - As used in this procedure, dismissed personnel are not required for continued station operation. Dismissed personnel may stay at DBNPS or they may leave if they wish.

4.0 RESPONSIBILITIES

4.1 The Supervisor - Emergency Preparedness shall maintain food supplies and sleeping facilities as defined in RA-EP-00600, Emergency Facilities and Equipment Maintenance Program.

4.2 The Shift Manager is responsible for declaring Isolation Watches, Warnings and Station Isolations when weather conditions necessitate these declarations.

4.3 Other positions with responsibilities in this procedure are: The Emergency Plant Manager, the Shift Engineer, the Supervisor - Security Shift, and the Isolation Coordinator.

4.4 Davis-Besse Nuclear Power Station Personnel:

a. should monitor local television and radio stations for weather and road conditions.

b. shall not contact the Control Room for weather and road reports.

c. shall carry their Company identification card whenever performing Company business.

d. are responsible for leaving their work area in a safe condition.

5.0 INITIATING CONDITIONS

This procedure shall be utilized by the Shift Manager during station isolation. Station isolations are typically caused by adverse weather conditions such as snow storms, ice storms, and flooding.

6.0 PROCEDURE

NOTE 6.1

1. An Isolation Watch is used to increase station and On Call Management's awareness of the potential for adverse offsite road conditions, and to prestage equipment and personnel.
2. Refer to Attachment 4, Terms Commonly Used During Adverse Weather Conditions.

6.1 Isolation Watch

6.1.1 The Shift Manager and Emergency Plant Manager, utilizing available information, evaluate projected severe weather conditions which may impact access to station.

Note: Available Information Sources are:

- Distribution Dispatcher (Delaware Service Center)
- System Dispatcher (System Operation Center)
- Periodic weather reports received on Control Room fax machine
- Local weather reports
- Reports from staff
- Other

6.1.2 If the assessment determines that projected weather may impact access, the following should occur:

a. Evaluate consumable resources: fuel oil, compressed gases, gasoline, etc., necessary for continued plant operation and, as appropriate, arrange delivery prior to the storm.

b. Ensure proper staging of an Isolation Supply Trailer as needed for the Protected Area. Primary staging for the Protected Area is the north side of Service Building 6. Consideration should be given to staging the trailer out of the weather if possible (inside Service Building 6 or the Turbine Building Train Bay).

c. Fuel and shelter designated emergency vehicles; e.g., snow plows.

d. Notify the following continuous service personnel: Maintenance, Security, Radiation Protection and Chemistry.

NOTE 6.1.2.e

1. Call-outs of personnel are subject to the requirements of NG-IS-00004, Fitness for Duty Program.
2. As appropriate, establish conference calls between selected personnel.

e. Evaluate plant needs and place on standby those personnel which may be called in. At a minimum, call in the following on-call personnel when an isolation warning is issued:

- Emergency Plant Manager
- Emergency Assistant Plant Manager
- Emergency Offsite Manager

6.2 Isolation Warning

6.2.1 When the Distribution Dispatcher (Delaware Service Center), the System Dispatcher (System Operation Center) or any other credible source indicates that weather conditions will impact or are impacting station access to the point that conditions will result in a Station Isolation the Shift Manager shall:

a. Issue an Isolation Warning with the concurrence of the Emergency Plant Manager.

NOTE 6.2.1.b

1. Call-outs of personnel are subject to the requirements of NG-IS-00004, Fitness for Duty Program.
2. As appropriate, establish conference calls between selected personnel.

b. Call in the Emergency Plant Manager (EPM), Emergency Offsite Manager (EOM), and the Emergency Assistant Plant Manager . The EOM and EPM may elect to call in additional staff.

c. Call in or retain Operations, Security, Radiation Protection, Chemistry and Maintenance personnel.

d. Notify all personnel on the Integrated On Call Report of the Isolation Warning.

e. Notify the Supervisor - Security Shift of the Isolation Warning.

f. Appoint an Isolation Coordinator to assist the Shift Manager by maintaining a current status of activities associated with the isolation. Ordinarily the EOM is appointed Isolation Coordinator upon arrival at the site.

6.2.2 The Supervisor - Security Shift shall:

a. As appropriate, seek information from personnel reporting to the Station as to the road conditions.

b. Establish contacts with local law enforcement agencies to gather information on road conditions.

c. Periodically advise the Shift Manager as to current road conditions.

6.2.3 The Shift Manager or designee shall:

a. Ensure proper staging of an Isolation Supply Trailer as needed for the Protected Area. Primary staging for the Protected Area is the north side of Service Building 6. Consideration should be given to staging the trailer out of the weather if possible (inside Service Building 6 or the Turbine Building Train Bay).

b. Ensure proper staging of two Isolation Supply Trailers as needed for the Owner Controlled Area. Primary staging for the Owner Controlled Area is the east parking lot between the Davis-Besse Administration Building and the Davis-Besse Administration Building Annex.

c. Ensure emergency vehicles and snow removal equipment are ready for use, as appropriate.

d. If station warning is due to snow, ensure that Maintenance Services personnel keep station roadways accessible.

6.2.4 The Emergency Plant Manager should:

a. Confer with the On Call Emergency Director to determine the disposition of non-essential personnel. The following issues should be considered:

1. Staffing requirements for continuous station operation.

2. Staffing requirement for the Emergency Response Organization.

b. IF non-essential personnel are to be dismissed,
THEN, Human Resources Letter 513, Pay in Adverse Weather/Emergency Situations, should be reviewed. An appropriate message should then be prepared and communicated to non-essential employees.

NOTE 6.2.5

1. The need and ability to arrange for transportation is dependent upon the duration and severity of the storm, and the need for personnel. In some cases, it may be more appropriate from a personnel safety perspective to wait out the storm.
2. Call-outs of personnel are subject to the requirements of NG-IS-00004, Fitness for Duty Program.
3. As appropriate, establish conference calls between selected personnel.
4. Utility employees with a valid Company Identification Card are permitted to travel "closed roads" when performing Company business or when returning directly home from work. As always, personnel should exercise good judgment when traveling on weather impacted roads.

6.2.5 The Isolation Coordinator shall:

a. Use Attachment 1, Minimum Supplemental Station Isolation Staffing, and the Emergency Plan Telephone Directory, to assure the minimum staffing is called in.

b. Arrange transportation for required staff members that can not reach the Station. Transportation resources should be considered in the following order:

1. Station resources

- 4 Wheel Drive Vehicles
- Various Trucks
- Ski-dozer

2. FirstEnergy resources

- Materials/Fleet Management Director

c. Contact personnel to advise them of the location of the pickup point. Contacted personnel shall be informed of the impending isolation, and should be told to prepare to remain onsite for several days.

d. Arrange for staging of Protected Area and Owner Controlled Area Isolation Supply Trailers.

e. Coordinate eating and sleeping arrangements for all isolated personnel with the On Call Emergency Facilities Services Manager (Owner Controlled Area) and the Shift Engineer (Protected Area), as appropriate.

6.3 Station Isolation

NOTE 6.3.1

Flooding is a local problem which generally affects all access routes, winter weather may only impact employees in a given community.

6.3.1 When vehicle access to the plant is no longer possible, the Shift Manager shall:

a. Declare station isolation based on the current weather conditions and with the concurrence of the Emergency Plant Manager.

b. Make an announcement over the Gaitronics advising all station personnel of the station isolation.

c. Develop a shift schedule utilizing all available personnel based on the estimated duration of the station isolation.

d. Notify the NRC if the isolation is considered to be a reportable condition under 10 CFR 50.72(b)(1)(v). At a minimum this notification should occur if minimum staffing of the Emergency Response Organization has been called for, and the isolation has lasted longer than four hours. The On Call NRC Liaison should be consulted, as appropriate.

e. Evaluate ongoing and planned work activities and, as appropriate, suspend work which has the potential to impact plant operations.

6.3.2 The Isolation Coordinator shall:

a. Establish a center to collect information and station a communicator.

b. Advise the Shift Manager, Emergency Plant Manager and Emergency Assistant Plant Manager of your location and keep them informed as to the isolation status.

c. Contact each office area in the Owner Controlled Area and advise personnel to keep you appraised as to the number of personnel present in the structure.

d. Supervise issue of supplies from Isolation Supply Trailers for the Protected Area and the Owner Controlled Area using Attachment 3, Inventory Sign Out/Sign In Checklist located in each trailer, as appropriate.

e. Coordinate use of the berthing areas in the DBAB.

6.3.3 The Isolation Coordinator should coordinate the recovery effort to establish priorities following the isolation.

a. Shift relief and staff augmentation

b. Re-establishment of site access and parking

c. Additional and replacement material, as needed.

6.4 Deactivation

6.4.1 The Shift Manager shall contact the Emergency Plant Manager and obtain concurrence to deactivate Station Isolation.

6.4.2 The Shift Manager, when the isolation is terminated, shall:

a. Notify the Supervisor - Security Shift that the isolation is terminated.

b. Return shiftworkers to their normal hours and rotation.

c. Release extra personnel from duty.

d. Advise NRC that Station Isolation has been deactivated.

6.4.3 The Isolation Coordinator shall:

a. Ensure that all equipment is returned to the appropriate Isolation Supply Trailer(s) for the Protected Area.

b. Forward all Inventory Sign Out/Sign In sheets to the Supervisor - Emergency Preparedness.

6.4.4 The Supervisor - Security Shift shall:

a. Reevaluate Security staffing and return to normal as appropriate.

6.4.5 The Isolation Coordinator shall:

a. Ensure that all equipment is returned to the appropriate Isolation Supply Trailer(s) for the Owner Controlled Area.

b. Forward all Inventory Sign Out/Sign In Checklist sheets to the Supervisor - Emergency Preparedness.

6.4.6 The Supervisor - Emergency Preparedness shall:

a. Inventory all Isolation Supply Trailers in accordance with RA-EP-00600, Emergency Facilities and Equipment Maintenance Program.

b. Order/replenish immediately all supplies needed to restock all Isolation Supply Trailers to ensure a continuous state of readiness.

c. Ensure restaging of Isolation Supply Trailers to specified locations.

d. Ensure any soiled linen is laundered and replaced in the appropriate Isolation Supply Trailer(s).

7.0 FINAL CONDITIONS

Normal access to the Station has been restored, extra personnel have been released, normal shift manning restored, housekeeping supplies inventoried and stored, and replacement supplies ordered.

8.0 RECORDS

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

8.1.1 None

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

8.2.1 None

ATTACHMENT 1: MINIMUM SUPPLEMENTAL STATION ISOLATION STAFFING

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Required*	Recommended	
		Control Room
1		Shift Manager
1		Unit Supervisor
2		Reactor Operators
2	5	Equipment Operators
1		Emergency Assistant Plant Manager (as required by Technical Specifications)
5		Fire Brigade Team
1	2	First Aid Team
		Operations Support Center (OSC)
1		OSC Manager
1	2	Chemistry Tester
	1	OSC Briefer
2		Mechanical Maintenance Personnel
2		I&C Technicians
2		Electrical Maintenance Personnel
	1	OSC Materials Manager
1		OSC RP Coordinator
5		RP Testers
	2	Maintenance Services Personnel
		Technical Support Center (TSC)
	1	Emergency Plant Manager
1		TSC Engineer Manager
1		Core/Thermal Hydraulic Engineer
1		I&C System Engineer
1		Electrical Engineer
1		Mechanical Engineer
	4	Operations Engineer
	1	Computer Technician
	1	Emergency RP Manager
	1	Emergency Security Manager
	1	DBAB Access Security Supervisor
		Emergency Control Center/Emergency Operations Facility (ECC/EOF)
1		Emergency Director
1		Emergency Offsite Manager
1		Emergency Planning Advisor
1		Dose Assessment Coordinator
	1	Dose Assessor
	1	RMT Coordinator
	1	RTL Coordinator
3	6	Radiological Monitoring Team Personnel
1		NRC Liaison
1		State/County Communicator
1		Emergency Facilities Manager

* Required in accordance with the DBNPS Emergency Plan Table 5-1

ATTACHMENT 2: EMERGENCY VEHICLE LIST

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Vehicle	Storage Location	Location of Keys
Isolation Supply Trailers	Outside Service Building 4	ECC/EOF Dose Assessment Area, Security, and Shift Manager
*RMT Vehicles	Parking Lot between DBAB and DBABA	ECC/EOF Dose Assessment Area
Ski-dozer	Outside Service Building 4	Shift Manager
Maintenance Services Dump Truck	Service Building 6	Maintenance Services Key Box
*4-Wheel Drive Pick-up	Outside Service Building 4	Maintenance Services Key Box
Station Services Tractors	Service Building 6	Maintenance Services Key Box
Forklift	Service Building 6	Maintenance Services Key Box

*Denotes vehicles which are equipped to tow the Isolation Supply Trailers

NOTES:

1. Fuel is available at Service Building 4. If the pumps are locked, contact Security for the key.
2. Back-up locations for all keys are the Security locksmith or Mobile Central.
3. This list is correct as of October 2002 and changes may occur.

ATTACHMENT 3: INVENTORY SIGN OUT/SIGN IN CHECKLIST

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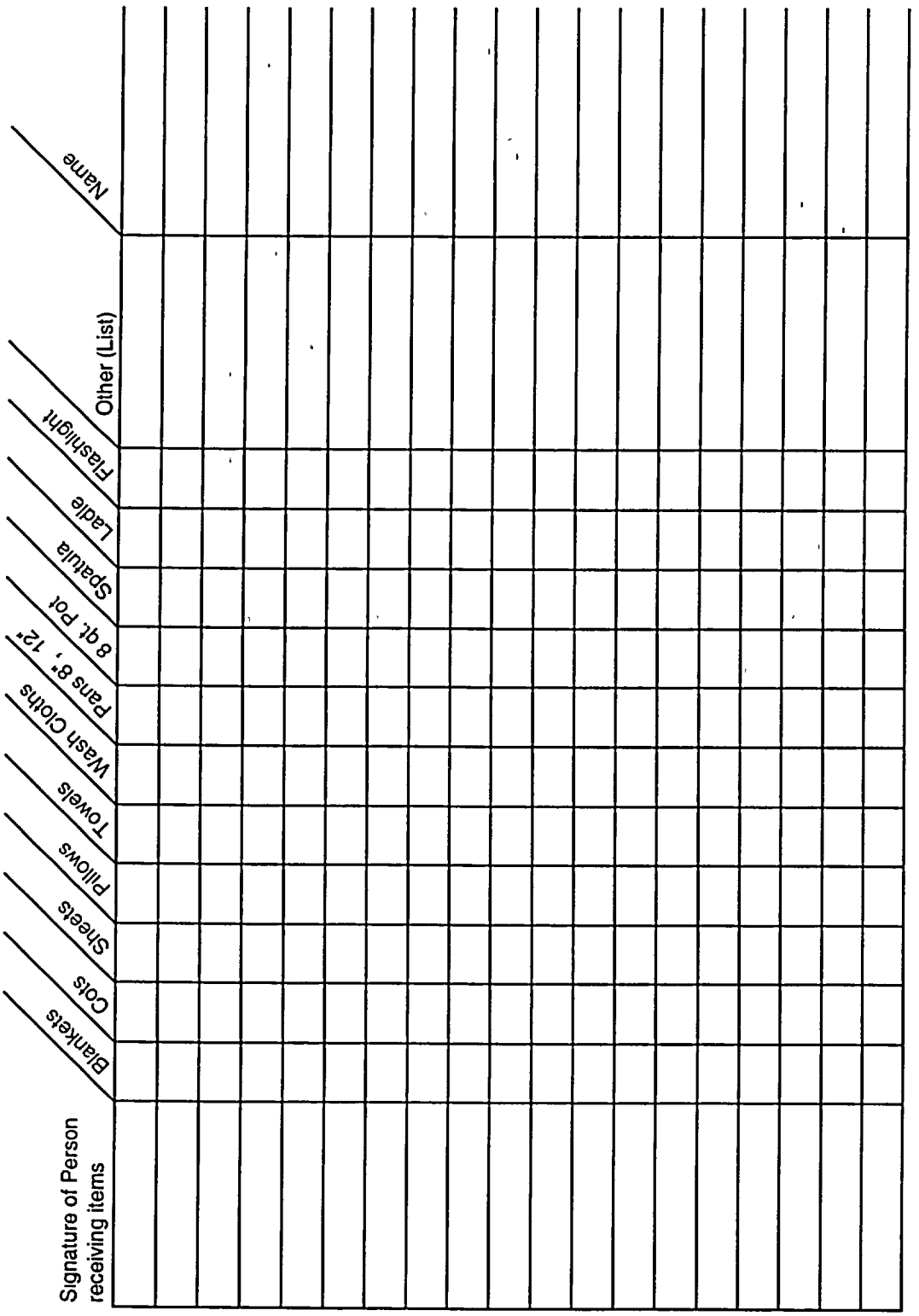

ATTACHMENT 4
TERMS COMMONLY USED DURING ADVERSE WEATHER CONDITIONS

NOTE

Experience has found that these terms are not consistently used by all media and governmental agencies.

1. *Blizzard Warning* - The worst of all winter warnings, with winds speeds of at least 35 MPH. Heavy snow, dangerous wind chills and blowing snow.
2. *Blowing Snow Advisory* - Snow already on the ground being wind blown and intermittently reducing visibility to ¼ mile or less.
3. *Freezing Rain or Drizzle Advisory* - Light amounts of freezing rain or drizzle enough to cause some travel problems. A winter storm warning is issued for severe freezing rain events.
4. *Snow Advisory* - Snow fall in amounts sufficient to cause significant travel problems (usually several inches).
5. *Snow Emergency* - Bans parking on streets identified as snow-routes. A Snow Emergency may be classified as one of the following levels:

   Level 1 Roadways are hazardous with blowing and drifting snow. Roads are also icy. Drive very cautiously.

   Level 2 Roadways are hazardous with blowing and drifting snow. Only those who feel it is necessary to drive should be out on the roadways. Contact your employer to see if you should report to work.

   Level 3 All roadways are closed to non-emergency personnel. No one should be out during these conditions unless it is absolutely necessary to travel. All employees should contact their employer to see if they should report to work. Those traveling on the roadways may subject themselves to arrest.
6. *Storm Warning* - Bad weather is imminent and actions shall be taken immediately to protect life and property.
7. *Storm Watch* - Bad weather has formed and is approaching the area.
8. *Wind Chill Advisory* - Wind chill levels in the dangerous category (-30° or below).
9. *Winter Weather Advisory* - Used for a combination of snow, freezing rain or sleet and cold temperatures which reduce visibility and cause problems for travelers.

COMMITMENTS

Section	Reference	Comments
None	None	None