

Dominion Nuclear Connecticut, Inc.
Millstone Power Station
Rope Ferry Road
Waterford, CT 06385



MAR 28 2002

Docket Nos. 50-245
50-336
50-423
B18618

RE: 10 CFR 50, Appendix E
10 CFR 50.47(b)(5)

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3
Revised Emergency Plan Procedures

The purpose of this letter is to inform the Nuclear Regulatory Commission that the following Emergency Plan Procedures have been implemented:

- MP-26-EPI-FAP04, "Emergency Operations Facility Activation and Operation," Major Revision 1, transmitted via Attachment 1;
- MP-26-EPI-FAP04-001, "Director of Station Emergency Operations (DSEO)," Major Revision 1, transmitted via Attachment 2;
- MP-26-EPI-FAP04-010, "Meteorological Assistant," Major Revision 1, transmitted via Attachment 3;
- MP-26-EPI-FAP04-011, "Manager of Resources (MOR) or External Resources Coordinator (ERC)," Major Revision 1, transmitted via Attachment 4;
- MP-26-EPI-FAP04-012, "Manager of Public Information (MPI)," Major Revision 1, transmitted via Attachment 5;
- MP-26-EPI-FAP04-013, "Manager of Communications (MOC)," Major Revision 2, transmitted via Attachment 6;
- MP-26-EPI-FAP04-014, "Technical Information Coordinator (TIC)," Major Revision 1, transmitted via Attachment 7;
- MP-26-EPI-FAP04-016, "Station Emergency Preparedness Representative (SEPR)," Major Revision 1, transmitted via Attachment 8;
- MP-26-EPI-FAP04-017, "Regulatory Liaison," Major Revision 1, transmitted via Attachment 9;
- MP-26-EPI-FAP06, "Classification and PARs," Major Revision 0, Minor Revision 2, transmitted via Attachment 10;

A045

- MP-26-EPI-FAP06-005, "Control Room Protective Action Recommendations," Major Revision 0, Minor Revision 1, transmitted via Attachment 11;
- MP-26-EPI-FAP15-001, "DSEO/ADTS Briefing Sheet," Major Revision 0, Minor Revision 2, transmitted via Attachment 12;
- MP-26-EPA-FAP01, "Management Program for Maintaining Emergency Preparedness," Revision 0, transmitted via Attachment 13;
- MP-26-EPA-FAP01-001, "SERO Removal Form," Revision 0, transmitted via Attachment 14; and
- MP-26-EPA-FAP01-002, "Unit Event Backup Codes," Revision 0, transmitted via Attachment 15.

Please note that the MP-26-EPA-FAP01 series of procedures and associated forms replaces, in its entirety, Emergency Preparedness Administrative Procedure (EPAP) 1.15, and the attendant forms, EPAP 1.15-001, EPAP 1.15-002, and EPAP 1.15-003. Please remove these documents from any controlled repositories of Millstone Station Emergency Preparedness documents in your possession.

There are no regulatory commitments contained within this letter.

If you have any questions concerning this submittal, please contact Mr. David A. Smith at (860) 437-5840.

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.



J. Alan Price
Site Vice President - Millstone

Attachments (15)

cc: H. J. Miller, Region I Administrator (2 copies)
R. J. Conte, Chief, Operational Safety Branch, Region I

cc: w/o attachment

J. B. Hickman, NRC Project Manager, Millstone Unit No. 1
T. J. Jackson, NRC Inspector, Region I, Millstone Unit No. 1
R. B. Ennis, NRC Senior Project Manager, Millstone Unit No. 2
NRC Senior Resident Inspector, Millstone Unit No. 2
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3
NRC Senior Resident Inspector, Millstone Unit No. 3

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 1

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP04, "Emergency Operations Facility Activation and Operation"
Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext: 5474

Document No.: MP-26-EPI-FAP04 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 att 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
50.54g	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD
Environmental	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD
RCD	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD
Licensing Basis	<input type="checkbox"/>						
Tech Independent	<input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD ✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/12/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign _____
Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

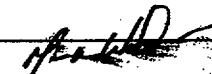
Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White			<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	M Maryeski	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPS	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

**Functional
Administrative
Procedure**



**Emergency Operations Facility
Activation and Operation**

MP-26-EPI-FAP04

Rev. 001

Approval Date: 3/14/02

Effective Date: 3/19/02



TABLE OF CONTENTS

1. PURPOSE 2

 1.1 Objective 2

 1.2 Applicability..... 2

 1.3 Supporting Documents..... 2

 1.4 Discussion 2

2. INSTRUCTIONS 7

3. SUMMARY OF CHANGES 8

 3.1 Revision 001..... 8

ATTACHMENTS AND FORMS

Attachment 1 Definitions and Abbreviations 9

Attachment 2 Responsibilities 12

MP-26-EPI-FAP04-001, "Director of Station Emergency Operations (DSEO)"

MP-26-EPI-FAP04-002, "Assistant Director Emergency Operations Facility (ADEOF)"

MP-26-EPI-FAP04-003, "Manager Radiological Dose Assessment (MRDA)"

MP-26-EPI-FAP04-004, "Assistant Manager Radiological Dose Assessment (AMRDA)"

MP-26-EPI-FAP04-005, "Radiological Assessment Engineer (RAE)"

MP-26-EPI-FAP04-006, "Field Team Data Coordinator (FTDC)"

MP-26-EPI-FAP04-007, "Radiation Monitoring Team #3, #4, #5"

MP-26-EPI-FAP04-008, "Radiological Communicator - EOF"

MP-26-EPI-FAP04-009, "EOF HP Technician"

MP-26-EPI-FAP04-010, "Meteorological Assistant"

MP-26-EPI-FAP04-011, "Manager of Resources (MOR) or External Resources Coordinator (ERC)"

MP-26-EPI-FAP04-012, "Manager of Public Information (MPI)"

MP-26-EPI-FAP04-013, "Manager of Communications (MOC)"

MP-26-EPI-FAP04-014, "Technical Information Communicator (TIC)"

MP-26-EPI-FAP04-015, "EOF Shift Technician (EOF-ST)"

MP-26-EPI-FAP04-016, "Station Emergency Preparedness Representative (SEPR)"

MP-26-EPI-FAP04-017, "Regulatory Liaison"

1. PURPOSE

1.1 Objective

This procedure provides guidance to Station Emergency Response Organization (SERO) personnel who report to the Emergency Operations Facility (EOF) during an event.

1.2 Applicability

Activation of the EOF is initiated upon declaration of an ALERT, Posture Code Charlie-One, or higher event.

1.3 Supporting Documents

EPI-FAP01, "Control Room Emergency Operations"

EPI-FAP06, "Classification and PARs"

EPI-FAP07, "Notifications and Communications"

EPI-FAP08, "Evacuation and Assembly"

EPI-FAP09, "Radiation Exposure Controls"

EPI-FAP10, "Dose Assessment"

EPI-FAP11, "Core Damage Assessment"

EPI-FAP13, "News Releases"

EPI-FAP15, "Common Forms"

EPA-REF08B, "Millstone Emergency Plan Resource Book"

Meteorological Reference Manual for Support of Nuclear Plant Emergencies.

1.4 Discussion

1.4.1 Facility Activation

Facility activation should occur within 60 minutes of the time the SERO was notified. The EOF can be declared activated when the DSEO has relieved the CR-DSEO of command and control responsibilities AND minimum staffing requirements are met.

The DSEO has the discretion to relieve the CR-DSEO and authorize ERF activation with less than minimum staffing provided necessary functional areas are filled.

1.4.2 The major activities associated with the EOF are as follows:

- Event Classification and PARs- EPI-FAP06
- Event Notification and Communications - EPI-FAP07
- Radiological Dose Assessment/Sampling
- Exposure Control - EPI-FAP09
- Resources
- Rumor Control and News Releases - EPI-FAP13
- Coordination of Outside Agencies
- Recovery - EPI-FAP14

1.4.3 10 CFR 50.54(x) Invocation

- a. As discussed in the Statements of Consideration to 10 CFR Part 50, emergencies can arise during which compliance with a license condition or a Technical Specification could prevent necessary action by the licensee to protect the public health and safety. Absolute compliance with the license during these emergencies can be a barrier to effective protective action.
- b. Unanticipated circumstances can occur during the course of an emergency which may call for responses different from any previously considered during the course of licensing. Special circumstances requiring a deviation from license requirements are not necessarily limited to transients or accidents not analyzed in the licensing process. Special circumstances can arise during emergencies involving multiple equipment failures or coincident accidents where plant emergency procedures could be in conflict with, or not applicable to, the circumstances. In addition, an accident can take a course different from that which was addressed when the emergency procedure was written, thus requiring a protective response at variance with a procedure required to be followed by the licensee which may ultimately be contrary to current Technical Specifications or the license condition.
- c. 10 CFR 50.54(x) will permit the licensee to take reasonable action in an emergency even though the action departs from licensing conditions or plant Technical Specifications. This action may only be taken, however, if the following criteria are met:
 - The action is immediately needed to protect the public health and safety, including plant personnel.
 - No action consistent with the license conditions and Technical Specifications is immediately apparent that can provide adequate or equivalent protection.
 - As a minimum, a licensed senior operator approves the action.

d. Applicability Determination

The NRC can amend Technical Specifications or license conditions. The §50.54(x) regulation is not intended to apply in circumstances where time allows this normal process to be followed. The regulation applies only to those emergency situations in which immediate action is required by the licensee to protect public health and safety and this action is contrary to a Technical Specification or license condition.

Operating outside the boundaries of approved procedures or in the absence of procedures does not in and of itself meet the threshold for invocation of §50.54(x). Also, the existence of a safety analysis (§50.59) conducted for the purpose of determining whether an unreviewed safety question exists is not sufficient to determine whether application of §50.54(x) is appropriate. §50.54(x) is not intended for use as a general regulatory protective shield for all actions not addressed by current procedures. Even after §50.54(x) has been invoked, each subsequent action taken must be evaluated for §50.54(x) applicability with all necessary approvals and notifications being made for each invocation, as appropriate.

Additionally, the §50.54(x) and (y) amendments were not written for the purpose of establishing procedures and guidance (such as SAMG) that may be useful at some future date (e.g., preplanning and contingency actions). The determination to discontinue following plant operating procedures and/or EOPs, and to begin following SAMG, by itself, does not constitute a departure from a license condition or Technical Specification and, therefore, does not require invocation of §50.54(x). Note however, it is possible that the first action directed during SAMG implementation may actually require §50.54(x) invocation.

The threshold for invocation is met only if the action being taken is not consistent with current license conditions and Technical Specifications. Additionally, the action must meet the time and safety dependent criteria previously discussed. Then and only then should the invocation of §50.54(x) be considered for approval.

e. Approval

A licensed senior operator position is the minimum level within the organization, not the only position, authorized to approve invocation of §50.54(x). 10 CFR 50.54(y) states, "Licensee action permitted by paragraph (x) of this section shall be approved, as a minimum, by a licensed senior operator..." This wording makes it clear that such action must be approved by at least a licensed senior operator acting for the licensee. The regulation focuses on the responsibilities of facility licensees and only peripherally includes licensed senior operators. Under the provision, any licensed senior operator (licensed for the Unit involved) would be sufficient. However, during declared emergencies more senior licensee personnel would eventually become available. The decision to depart from the license would then pass to these more senior personnel already identified in the Emergency Plan.

Ultimate responsibility for the health and safety of the general public and station personnel in an emergency resides in the highest authority in the chain of command. The persons responsible for the health and safety of the general public and station personnel are already identified in the facility license and implementing procedures. These persons include the ADTS and the DSEO following emergency response facility activation. If however, an emergency should occur on a backshift, no licensee representative higher than a licensed senior operator in the chain of command is likely to be available. Therefore, the departure from a license condition or Technical Specification requires the approval of a licensed senior operator as a minimum.

To require any additional approvals or concurrence, such as from senior licensee representatives or the NRC, would defeat the purpose of §50.54(x). Concurrence or approval from the NRC is also not necessary, as this action would amount to a license amendment using procedures contrary to those existing for amendments. NRC concurrence would additionally shift the burden of responsibility for station safety from the licensee to the NRC.

f. Reportability

Deviations authorized pursuant to 10 CFR 50.54(x) are reportable as soon as practical and in all cases within one hour under 10 CFR 50.72(b)(1), or 10 CFR 50.73(a)(2)(i)(C), if not reported simultaneously with emergency notification under 10 CFR 50.72(a). When time permits, the notification is made before the protective action is taken; otherwise, it is made as soon as possible thereafter. Additionally, a Licensee Event Report will be generated and submitted to the NRC within 30 days.

g. Subsequent Actions

Following invocation of 50.54(x) and notification of the NRC, actions are taken as soon as practical to restore the plant to full compliance with Technical Specifications and all conditions of license.

1.4.4 Off-Site Radiological Communications

The radio control console located in the Radiological Dose Assessment Area will be used to support MRDA communications. The FTDC and the off-site RMTs will use this radio net to communicate radiation findings. The RMT vehicles maintained at the EOF are equipped with permanently mounted radios. The radio console at the EOF is monitored by the FTDC. Spare portable radios are stored at the EOF to issue to additional field teams or replace vehicle radios that malfunction.

Off-site teams may be assigned to monitor and report dose assessment findings which occur over water (Long Island Sound). RMT radios which operate on the off-site radiological communications frequency are installed in the Millstone Environmental boat.

1.4.5 Off-Site Radiological Monitoring

Off-site RMTs obtain samples for airborne radioactive contaminants and radiation dose rates for specific points and areas outside the Millstone Station protected area. Off-site RMTs are controlled by the MRDA, who transfers all or portions of this responsibility to the AMRDA or FTDC upon their arrival in the EOF. The goal of the FTDC or designee is to ensure the RMTs are deployed within 60 minutes of event notification.

The RMTs provide the off-site survey information necessary for the plume phase. Environmental Services and HP field teams perform environmental sampling during the intermediate and relocation/ingestion pathway phases. The thermoluminescent dosimeters (TLD) and air filters can also provide information to help determine the past integrated dose.

1.4.6 Definitions and abbreviation are contained in Attachment 1. Responsibilities are contained in Attachment 2.

2. INSTRUCTIONS

2.1 Refer To and complete the following, as applicable:

NOTE

The steps in the checklists may be performed in any order, or more than once, as necessary.

- EPI-FAP04-001, "Director of Station Emergency Operations (DSEO)"
- EPI-FAP04-002, "Assistant Director Emergency Operations Facility (ADEOF)"
- EPI-FAP04-003, "Manager Radiological Dose Assessment (MRDA)"
- EPI-FAP04-004, "Assistant Manager Radiological Dose Assessment (AMRDA)"
- EPI-FAP04-005, "Radiological Assessment Engineer (RAE)"
- EPI-FAP04-006, "Field Team Data Coordinator (FTDC)"
- EPI-FAP04-007, "Radiation Monitoring Team #3, #4, #5"
- EPI-FAP04-008, "Radiological Communicator - EOF"
- EPI-FAP04-009, "EOF HP Technician"
- EPI-FAP04-010, "Meteorological Assistant"
- EPI-FAP04-011, "Manager of Resources (MOR) or External Resources Coordinator (ERC)"
- EPI-FAP04-012, "Manager of Public Information (MPI)"
- EPI-FAP04-013, "Manager of Communications (MOC)"
- EPI-FAP04-014, "Technical Information Communicator (TIC)"
- EPI-FAP04-015, "EOF Shift Technician (EOF-ST)"
- EPI-FAP04-016, "Station Emergency Preparedness Representative (SEPR)"
- EPI-FAP04-017, "Regulatory Liaison"

2.2 IF an action is not appropriate under existing conditions or was not necessary for the event, enter N/A when completing documentation for submittal.

3. SUMMARY OF CHANGES

3.1 **Revision 001**

3.1.1 Modified document number in Section 1.3 to reflect MP-26-MMM.

3.1.2 Clarified in step 1.4.1 that DSEO relieves the CR-DSEO.

3.1.3 Changed “non-SERO” to “non-essential” in Attachment 1.

3.1.4 Clarified the TIC responsibilities in Attachment 2.

Attachment 1

Definitions and Abbreviations

(Sheet 1 of 3)

Definitions

Alpha or Bravo Posture Code - A State response code that has expected or existing plant conditions relative to a radiological release as its basis. A technical basis for developing a PAR as a result of an EAL classification for all events short of the loss of all three fission product barriers, or high containment radiation.

Calculated Dose Rate (units of mRem/hr or Rem/hr) - A dose rate calculated for actual releases based on measured exposure rates from effluent monitor or survey readings (units of mR/hr or R/hr).

CDE - Committed Dose Equivalent for the thyroid (usually in units of Rem).

Measured Exposure Rate - Exposure rate based on field survey results (units of mR/hr or R/hr).

Operations Net - A communications network established for the TSC-SM, CRDC, TA, and TIC to apprise all Emergency Response Facilities of plant status and fast-breaking events; provide operational and technical input; and assist with classification.

Plant Conditions - A technical basis for developing a PAR as a result of actual or imminent loss of all three fission product barriers, or based on high containment radiation levels.

Precautionary Dismissal - A precautionary release of non-essential individuals from the site conducted at the ALERT classification.

Protective Action Recommendation (PAR) - A recommended course of action to take that affects the general population. Issued to state and local decision makers for their consideration in making a protective action decision.

Projected Dose - A calculated exposure received over the duration of the accident. A technical basis for developing a PAR as a result of an ongoing radiological release that is projected on either a measured exposure rate, or a calculated exposure rate for an expected release (units of Rem).

TEDE - Total Effective Dose Equivalent (usually in units of Rem).

“What If” Dose - A theoretical dose projection based on the premise that the accident sequence in progress will result in the partial or total release of an assumed quantity of core inventory (usually in units of Rem).

Wind Direction - The three digit number indicating the degree bearing (000 and 360 being north, 180 being south) from which the wind is coming at the release elevation (Changes in wind direction may constitute the technical basis for updating a PAR).

Attachment 1

Definitions and Abbreviations

(Sheet 2 of 3)

Abbreviations

ADEOF - Assistant Director Emergency Operations Facility

ADTS - Assistant Director Technical Support

AMRDA - Assistant Manager Radiological Dose Assessment

AMT - Accident Management Team

AMTL - Accident Management Team Leader

CAS - Central Alarm Station

CBETS - Computer Based Exposure Tracking System

CTMT - Containment

DEP - Department of Environmental Protection

DSEO - Director of Station Emergency Operations

EAL - Emergency Action Level

EAS - Emergency Alerting System

EDAN - Environmental Data Acquisition Network

EPZ - Emergency Planning Zone

ERC - External Resource Coordinator

ERDS - Emergency Response Data System

FTDC - Field Team Data Coordinator

JMC - Joint Media Center

KI - Potassium Iodide

MCRO - Manager of Control Room Operations

MOC - Manager of Communications

MOR - Manager of Resources

Attachment 1

Definitions and Abbreviations

(Sheet 3 of 3)

MPI - Manager of Public Information

MRDA - Manager of Radiological Dose Assessment

MTSC - Manager of Technical Support Center

NNM - Nuclear News Manager

OFIS - Off-Site Facility Information System

PAG - Protective Action Guideline

PAR - Protective Action Recommendation

PASS - Post Accident Sampling System

RAE - Radiological Assessment Engineer

RCS - Reactor Coolant System

RICC - Rumor and Inquiry Control Center

RMT - Radiological Monitoring Team

RDAT - Radiological Dose Assessment Team

SDO - Station Duty Officer

ST - Shift Technician

TEDE - Total Effective Dose Equivalent

TIC - Technical Information Coordinator

Attachment 2 Responsibilities

(Sheet 1 of 4)

1. Director of Station Emergency Operations (DSEO)

After formally relieving the CR DSEO, the DSEO is responsible for the following non-delegable emergency response functions:

- Overall command and control of the station's emergency response.
- Event classification.
- General public Protective Action Recommendations to offsite officials.
- Formal off-site notification approval.
- Emergency exposure extension authorization.
- News release approval.
- Federal assistance to support station response.

2. Assistant Director Emergency Operations Facility (ADEOF)

The ADEOF reports to the DSEO. The ADEOF is responsible for the following:

- Providing input for classification changes based on radiological conditions.
- Developing, recommending, and updating off-site PARs to the DSEO.
- Providing input for notification upgrades, updates, and termination, as necessary.
- Approving emergency exposure upgrades in excess of 10 CFR 20 limits.
- Authorizing potassium iodide (KI) for off-site personnel SERO personnel (e.g., Radiation Monitoring Teams).
- Overseeing off-site radiological assessment of the event.
- Coordinating communications of plant status to the NRC, State, and public.
- Authorizing contaminated personnel to leave the station.
- Reviewing news releases.
- Assuming DSEO responsibilities if DSEO becomes incapacitated.

Attachment 2 Responsibilities

(Sheet 2 of 4)

3. Manager of Radiological Dose Assessment (MRDA)

The MRDA reports to the ADEOF. The MRDA is responsible for the off-site dose assessment activities. This includes the following activities:

- Monitoring radiological conditions beyond the protected area and ensuring recommended protective actions provided to State officials are adequate to protect public health and safety in accordance with US EPA guidance.
- Providing key information to the ADEOF and DSEO that may influence classification as well as protective action decision making.
- Assessing radiological plant conditions and alerting the ADEOF and DSEO when information indicates there has been a significant change.
- Assessing the source term, determining the radiological release pathway, and obtaining meteorological data applicable to an actual or potential radiological release.
- Directing radiological and environmental field measurements be obtained.
- Directing dose assessment be performed.
- Directing core damage estimates be performed.
- Communicating with State dose assessment staff.
- Communicating with NRC dose assessment staff using the HPN circuit.
- Coordinating field team activities with the State DEP.

4. Assistant Manager, Radiological Dose Assessment (AMRDA)

Two AMRDAs report to the MRDA. They assist the MRDA as directed with dose assessment, RDAT strategies, HPN communications, etc.

5. Radiological Assessment Engineer (RAE)

The RAE reports to the MRDA in the EOF. Duties include evaluating actual and potential releases of radioactive material, and performing dose assessment calculations.

6. Field Team Data Coordinator (FTDC)

The FTDC reports to the MRDA in the EOF. Duties include coordinating the activities of the off-site RMTs, and distributing off-site RMT data.

7. Radiological Monitoring Teams #3, #4, #5 (RMT)

The RMTs report to the FTDC in the EOF. Duties include performing surveys and samples.

Attachment 2 Responsibilities

(Sheet 3 of 4)

8. Radiological Communicator

The Radiological Communicator reports to the MRDA. Duties include obtaining information on radiological conditions inside the protected area which may impact offsite monitoring and tracking activities.

9. Meteorological Assistant

The Meteorological Assistant reports to the MRDA. Duties include obtaining and preparing current meteorological data and providing forecast information and technical input in matters involving meteorology.

10. Manager of Resources (MOR)

The MOR reports to the ADEOF. The MOR is responsible for the following:

- Providing station personnel, equipment, or supplies requested by SERO managers
- Acquiring corporate and off-site resources
- Coordinating support requests from federal regulatory agencies that have responded to Millstone Station

11. External Resources Coordinator (ERC)

The ERC reports to the MOR. The ERC assists the MOR in coordinating and obtaining corporate and off-site resources (e.g., personnel, equipment, housing, food, purchasing, and financial and legal services) needed to support the site.

12. Manager of Public Information (MPI)

The MPI reports to the ADEOF in the EOF. The MPI is responsible for the following:

- Collecting information regarding the event
- Providing input for news releases
- Monitoring media activities
- Supporting the Nuclear News Manager, located at the Hartford Armory

13. Manager of Communications (MOC)

The MOC reports to the ADEOF in the EOF. The MOC is responsible for coordinating all EOF communications which includes Emergency Notification System (ENS) communications between the station and the NRC.

Attachment 2 Responsibilities

(Sheet 4 of 4)

14. Technical Information Communicator (TIC)

The TIC reports to the DSEO. Duties include the following:

- Operating OFIS
- Providing requested plant parameter data
- Informing DSEO/ADEOF of critical parameters impacting classification and PARs
- Maintaining Chronology of Key Events status board
- Obtaining data from the CRDC, as necessary
- Providing information to the State EOC Technical Assistant and the TSC Staff, as requested.

15. EOF Health Physics (HP) Technician

The EOF HP Technician reports to the MRDA. The EOF HP Technician is responsible for providing HP support to the EOF.

16. EOF Shift Technician

The EOF Shift Technician reports to the ADEOF in the EOF. The EOF Shift Technician is responsible for notifying state and local officials, as directed.

17. Regulatory Liaison

The Regulatory Liaison reports to the ADEOF. The Regulatory Liaison is responsible for accommodating the NRC Site Team dispatched to the station, arranging site access for the NRC Team, providing adequate dosimetry, and responding to questions and comments.

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 2

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP04-001, "Director of Station Emergency Operations (DSEO)"
Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department EPD Ext: 5474

Document No.: MP-26-EPI-FAP04-001 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Director of Station Emergency Operations (DSEO)

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 at 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure

See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ # Comments	
				Yes	No	Dept.		
50.54g	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/24/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis	<input type="checkbox"/>							
Tech Independent	<input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign
Meeting No

SORC Signature

DH / RI Signature

Approval Date

Effective Date: 3/14/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04-001 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White	<i>[Signature]</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	<i>[Signature]</i>	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPG	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02

Approval Date

3/19/02

Effective Date

Director of Station Emergency Operations (DSEO)

Section A: EOF Activation/Transfer of Command and Control

- 1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
- 2. Obtain a copy of the Incident Report Form (IRF) from the fax machine or call Control Room for IRF information.
- 3. Obtain additional information from the following, as necessary:
 - Voice recording of briefing sheet
 - Additional faxes

NOTE

For a Unit 1 event, the Unit 2 SM is the CR-DSEO.

- 4. Contact CR-DSEO and discuss the following:
 - Any significant changes since event declaration
 - Current status on classification, notification, and PARs.
- 5. Check EOF SERO response status as follows:
 - Verify minimum facility staff is present.
 - IF minimum staffing is not present, determine the ability of the SERO to activate as is and proceed as appropriate (i.e., all functional areas staffed).
- 6. Formally relieve the CR-DSEO of Command and Control, classification, notification, and PAR responsibilities, and log the date and time of relief.
- 7. Declare the EOF activated and record EOF activation time on the SERO Log Sheet.
- 8. Announce the following message using the station paging system (repeat once):

Attention all station personnel. This is (name), the DSEO. I am assuming command and control of the Station Emergency Response Organization. The EOF is declared activated at this time. Currently, Millstone Station is in (classification level: _____) for (Unit # _____) due to (brief description of event: _____).
- 9. Perform an update briefing with the CR-DSEO and the ADTS using EPI-FAP15-001, "DSEO/ADTS Briefing Sheet," as a guide.

Section A: EOF Activation/Transfer of Command and Control

- 10. Brief the EOF Managers on the event.
- 11. Establish contact with the Richmond Corporate Executive and provide input on the event.
- 12. Establish frequent communications with the ADTS and the ES.

Section B: Classification Upgrade Immediate Actions

1. Evaluate the conditions using EPI-FAP06, "Classification and PARs."
 - Review the initiating condition with the TIC and the ADTS for recommendations on plant-related EALs.
 - Consult with the MRDA for recommendations on radiological-related EALs.
 - Consult with the MOS for recommendations on security-related EALs.
2. Perform Station Notifications as follows:
 - Notify the ADTS of the classification upgrade.
 - Direct the ST to initiate offsite notifications.
 - IF a General Emergency has been declared, direct the ADEOF to develop PARs.
 - Announce the emergency declaration level and time to the station staff via plant page announcement as follows:

NOTE

During a security event, it may be advisable **NOT** to sound an alarm or make an announcement

- Call Control Room and ensure outside speakers are activated.
 - Announce the following over the station PA system:
Attention all personnel; attention all personnel. A (classification level _____) has been declared at (Unit # _____) due to (brief description of event _____)
 - Repeat the PA message.
 - Log the time of announcement.
- Announce that there will be no eating or drinking until further habitability is verified.
 - Log time of completion.

Section B: Classification Upgrade Immediate Actions

3. Perform state notification as follows:

- Direct the ADEOF to assist in completing the IRF.
 - IF an offsite State of Emergency does not exist, approve the IRF for transmittal.
 - IF an offsite State of Emergency does exist and the Governor has directed all future notifications be processed through the State EOC, approve the IRF and provide it only to the Executive Spokesperson.
- IF a General Emergency has been declared, review and approve PARs and directly notify the DEP.

4. Perform NRC notifications as follows:

- Verify the MOC notifies the NRC via the ENS.
- Direct the ADEOF to contact the resident inspector if he/she is not on site.

5. Perform additional notifications as follows:

- Inform the Executive Spokesperson of the event.
- IF NRC Site Team DSO is present, discuss the classification with him/her.
- Inform the Richmond Corporate Executive of the event.

Section C: Routine Activities

- 1. Track the response of additional On-Call and Subject-to-Call SERO personnel and direct the MOR to contact personnel for unfilled positions.
- 2. Direct the TIC to continuously man the Operations Net and review the EAL tables and fission product barriers for changes in event status.
- 3. Obtain periodic input from the ADTS on the following:
 - Plant status and mission priorities.
 - Fast-breaking events.
 - Impact on EALs.
- 4. Ensure updates of the event are routinely provided to the State and local agencies.
- 5. Approve all news releases forwarded from the ADEOF before transmitting to the JMC.
- 6. IF the fission product barrier status, offsite radiological conditions, or meteorological conditions change, perform the following:
 - Refer to Section B and evaluate the conditions.
 - Direct the ADEOF to evaluate the impact on PARs.
 - Provide changes to PARs to the State, as appropriate.
- 7. Obtain the status on any precautionary dismissal, evacuation and accountability activities in progress from the MOS.
- 8. Authorize extended emergency exposure limits for lifesaving actions (dose > 25 Rem is expected) as appropriate when recommended by the ADTS for onsite personnel and the ADEOF for offsite personnel.
- 9. IF suspension of safeguards or other §50.54(x) action is invoked, instruct the MOC to notify the NRC as soon as possible (not to exceed one hour).
- 10. Notify the SERO of any significant changes in conditions using the PA system.
- 11. Review and provide concurrence for any Severe Accident Management strategy that could potentially affect the general public or offsite activities.
- 12. Request assistance from federal authorities to support the station response efforts, as necessary.
- 13. Approve relief schedules developed by the MOR.
- 14. Ensure EOF habitability controls have been considered for events involving increased radiation levels around the facility.

Section C: Routine Activities

- 15. Conduct periodic briefings with the ADEOF and facility managers.
- 16. Periodically provide the Executive Spokesperson with the following information via the open communications line:
 - Event/Plant Status using EPI-FAP15-001, "DSEO/ADTS Briefing Sheet."
 - News releases prepared or in progress.
- 17. Refer To EPI-FAP15-001, "DSEO/ADTS Briefing Sheet," and periodically update the Richmond Corporate Executive on the event status.
- 18. Consult with the ADTS and ADEOF on the status of each unit and station conditions.
- 19. Before NRC Site Team arrival, direct the Regulatory Liaison to prepare information for NRC briefing.
- 20. Periodically discuss conditions and events with the NRC Site Team Leader or Director of Site Operations.
- 21. If events have been controlled to the point where termination of the emergency can be considered, Refer To EPI-FAP06 for guidance.

Prepared by: _____
Signature Print Date

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 3

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)

MP-26-EPI-FAP04-010, "Meteorological Assistant"

Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 - 010 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Meteorological Assistant

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 ad 3

Edit Corr.:

Non-Intent Change

(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure

See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ # Comments
				Yes	No	Dept.	
50.54 g <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis <input type="checkbox"/>							
Tech Independent <input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign

Meeting No

SORC Signature

DH / RI Signature

Approval Date

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 - 010 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	<u>Mark White</u>	<u>[Signature]</u>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>EPD</u>	
Writer's Guide <input checked="" type="checkbox"/>	<u>Maria Marfieski</u>	<u>[Signature]</u>	<u>3/4/02</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>SPG</u>	<input checked="" type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02
Approval Date

3/19/02
Effective Date

Meteorological Assistant

This form provides guidance to the Meteorological Assistant for emergency response actions during events that activate the SERO.

Section A: Initial Actions

1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
2. Notify the MRDA of arrival and obtain update of event conditions and status.
3. Maintain a log of significant events and communications on the SERO Log Sheet.
4. Determine correct MET tower level for the event.
5. Using EDAN terminal, obtain and review MET data.
6. Determine if any instrumentation is inoperable and brief the MRDA as necessary.
7. Contact contracted weather service regarding current MET data and request a forecast.
8. Refer To Section F, "Meteorological Data Sheet," and record MET data.
9. Brief the MRDA on current meteorological conditions and weather forecasts.
10. Distribute Section F, "Meteorological Data Sheet," (English units) to the MRDA, ADEOF, FTDC, Radiological Communicator, TSC/OSC (fax), OSC AA (fax), and State EOC (fax).
11. Distribute English or metric unit data sheet to RAE as requested.
12. Brief all recipients, as necessary.
13. Post MET data and forecast information on the Radiological Emergency Status Board.

Section B: Maintaining Meteorological Communications

- 1. Consult contracted weather meteorologist to ensure the following:
 - Proper mutual understanding of forecast
 - Site micro-meteorology
 - Synoptic conditions
- 2. Brief MRDA on possibility of severe weather (e.g., severe thunderstorms, tornadoes, lightning, ice storms, blizzard conditions, etc.), as necessary.
- 3. Fax Section F, "Meteorological Data Sheet," to the TSC/OSC and OSC AA every 15 minutes or upon update.
- 4. Evaluate actual changes in wind direction which affect the geographic zones within the 10 mile EPZ and inform the ADEOF:

Bearings affecting PARs out to 5 miles

<u>Direction</u>	<u>Zones to Evacuate</u>
083°-139°	A and East Lyme in B
140°-167°	A and East Lyme and Waterford in B
168°-189°	A and Waterford in B
190°-243°	A and Waterford and New London in B
244°-290°	A and New London in B
291°-082°	A

Bearings affecting PARs out to 10 miles

<u>Direction</u>	<u>Zones to Evacuate</u>
030°-051°	A and B
052°-088°	A and B and Old Lyme in D
089°-093°	A and B and D
094°-138°	A and B and D and East Lyme in C
139°-154°	A and B and C and Lyme in D
155°-177°	A and B and C
178°-186°	A and B and Montville and Waterford in C
187°-193°	A and B and Montville and Waterford in C and Ledyard in E
194°-218°	A and B and E and Montville and Waterford in C
219°-229°	A and B and E and Waterford in C
230°-244°	A and B and E
245°-257°	A and B and Groton City & Town in E
258°-286°	A and B and F and Groton City & Town in E
287°-316°	A and B and F
317°-339°	A and B
340°-029°	A and B and Plum Island

Section B: Maintaining Meteorological Communications

5. IF all sea breeze fumigation criteria are met as shown in Table 1, inform MRDA that calculations should be amended for fumigation conditions.

Table 1 Sea Breeze Fumigation Criteria for MILLSTONE Station	
Air mass significantly warmer than water temperature.	Date between 3/15 and 9/15
On-shore wind at coast.	101° degrees <WD< 259° degrees
Cool, stable layer near ground at coast.	Delta T @ 142 feet > -0.2° C/> -.4° F
Solar radiation at coast adequate for land surface heating.	Millstone SOLAR > 0.5 ly/min.
Solar radiation inland adequate to maintain surface heating.	SOLAR > 0.5 ly/min.

6. Refer To Section F, "Meteorological Data Sheet," and record any items of special significance (i.e., high degree of uncertainty regarding accuracy of either measured data or forecasts, or possibility of sea breeze fumigation or recirculation).

Section C: Maintaining Meteorological Data Availability

1. IF MET data is *not* available from first EDAN link, obtain data using any of the other EDAN data links.
2. IF EDAN system component fails or malfunctions, notify IT help desk.
3. IF either primary or backup MET system is out of service due to instrument maintenance or similar cause, OR data is available but invalid or anomalous, notify personnel and MOR to correct problem.
4. IF data is *not* available through an EDAN channel, obtain data from any of the following:
- Control Room / Unit 3 plant process computer (via MRDA, CRDC)
 - Met tower data shack (via request to DSEO, MOSC)
 - Unit 3 OFIS
 - 10m mast data shack (via request to DSEO)
 - Weather service contractor
 - Other appropriate source

Section C: Maintaining Meteorological Data Availability

- 5. IF using data from backup source, Refer To the “Meteorological Team Reference Manual for Support of Nuclear Plant Emergencies,” and perform the following, as applicable:
 - Calculate wind speed data and delta temperature data by extrapolation to appropriate site tower measurement height.
 - Assign delta temperature value to stability class.
 - Record wind direction data directly

Section D: Turnover During Protracted Facility Operations

- 1. Request the MOR notify additional Met Assistants to stand by or remain available as necessary.
- 2. Brief relief on the following:
 - Past and current weather conditions
 - Current forecast and items of special note or meteorological uncertainties
 - EDAN status
 - Data source, if other than EDAN
 - Weather service/external information sources status
 - Log entries including the following:
 - ⇒ MRDA instructions
 - ⇒ Significant communications (e.g., NRC and other agencies)
 - ⇒ Special telephone numbers

Section E: Recurring Actions

- 1. Update MET data at approximately 15 minute intervals and weather forecasts at approximately 1 hour intervals.
- 2. Log significant events and activities.
- 3. Check appropriate MET tower level data in use.

Prepared by: _____

Signature

Print

Date

Section F: Meteorological Data Sheet

Current Met Tower Data at Date: _____ Time: _____ Appropriate Tower Level: _____

AT033 (°C)	WD033 (deg)	WS033 (m/s)	WD142 (deg)	WS142 (m/s)	DT142 (°C)	STAB 142	WD374 (deg)	WS 374 (m/s)	DT 374 (°C)	STAB 374	Precip Type	Precip Intens	Into Sect

Forecast for Site

For Periods: From: To:	AT033 (°C)	WD033 (deg)	WS033 (m/s)	WD142 (deg)	WS142 (m/s)	WD374 (deg)	WS374 (m/s)	Stability Class	Cloud Cover	Precip Type	Precip Intens	Into Sect
To												
To												
To												
To												

Plain Language Version of Above Data for Public Dissemination

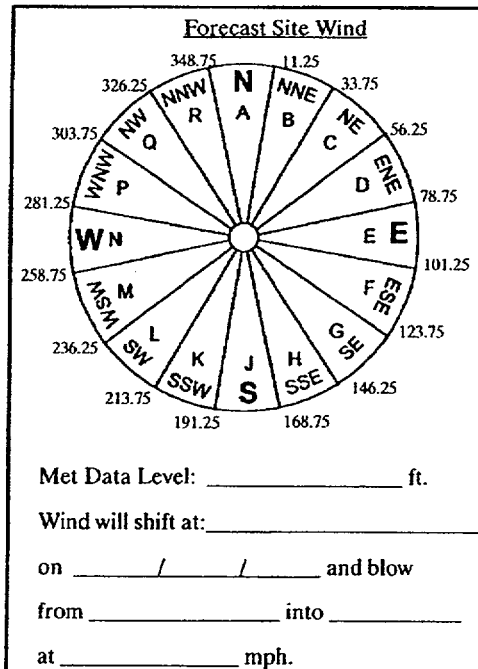
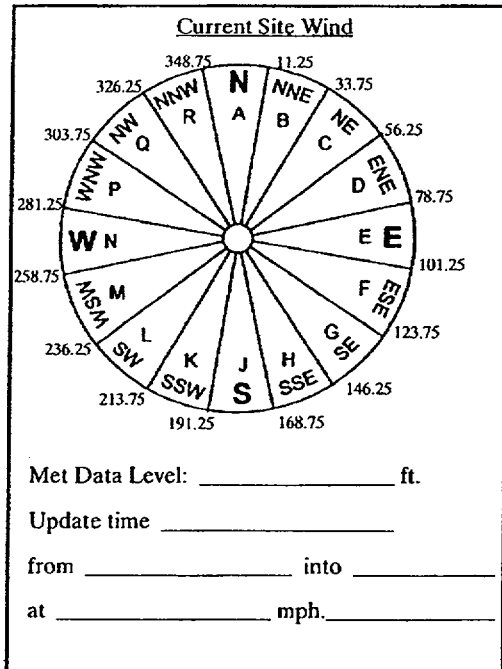
At _____ the wind direction at the site is blowing: from _____° to _____° at _____ mph.
(time)

It is expected to remain in this direction until: _____
(time)

After which, it is expected to change and blow: from _____° to _____° at _____ mph.

Meteorological Data to be Posted on Emergency Status Board

Notes:



Docket Nos. 50-245
50-336
50-423
B18618

Attachment 4

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP04-011, "Manager of Resources (MOR) or External Resources
Coordinator (ERC), Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPL-FAP04-011 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Manager of Resources or External Resources Coordinator

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 all 3

Edit Corr.:

Non-Intent Change

(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ # Comments
				Yes	No	Dept.	
50.54 g	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD
Environmental	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD
RCD	<input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD
Licensing Basis	<input type="checkbox"/>						
Tech Independent	<input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD ✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign

Meeting No

SORC Signature

DH / RI Signature

Approval Date

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 -011 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White	<i>[Signature]</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	<i>[Signature]</i>	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPG	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02
Approval Date

3/19/02
Effective Date

Manager of Resources (MOR) or External Resources Coordinator (ERC)

This form provides guidance to the MOR/ERC for emergency response actions during events that activate the SERO.

Section A: Initial Actions

NOTE

MP-26-EPA-REF08B, "Millstone Emergency Plan Resource Book," contains the phone numbers for SERO personnel, Offsite governmental officials and emergency responders, and support resources points of contact.

1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
2. Notify the ADEOF of arrival and obtain a status briefing.
3. Maintain a log of significant events and communications on the SERO Log Sheet.
4. Obtain the SERO call-back verification report from the fax in the MOC's office.
5. Perform Assembly Area activities in accordance with EPI-FAP08, "Evacuation and Assembly."
6. When all of the facilities are activated and fully staffed, Refer To Section B.3 and complete a SERO Facility Shift Staffing roster for on-shift and first relief shift personnel.
7. Determine need for essential resources.
8. Notify INPO that the SERO has been activated.

Section B: Recurring Actions

- 1. Coordinate obtaining extra personnel for any emergency facility that requires additional assistance as follows:
 - Contact the necessary individuals.
 - Refer To EPI-FAP15-011, "Fitness for Duty Questionnaire," and determine if notified personnel are fit for duty.
 - IF notified personnel are determined fit for duty, request personnel to report to the EOF.
 - WHEN personnel arrive, coordinate access for the responders into the Protected Area with Security as necessary.

- 2. Transfer additional support personnel to respective ERFs as follows:
 - Consult the MRDA to determine safe access routes for transporting personnel to the station.
 - Issue an Emergency Vehicle Pass to each vehicle transporting personnel from the EOF to the station.

- 3. Prepare shift relief schedules and rosters as follows:
 - a. Consult with the DSEO and SERO managers to determine shift personnel requirements.
 - b. Notify personnel of the following:
 - Shift assignment
 - Shift duration
 - Reporting time
 - Reporting location
 - c. Record shift assignments next to the SERO position on Section D and designate as shift 1, 2, or 3.

- 4. Notify the following of the emergency:
 - Purchasing Department
 - Nuclear Maintenance Department
 - Nuclear Site Services Department
 - Nuclear Procedures and Document Administration
 - Transportation Department
 - Richmond Corporate Operations Center

Section B: Recurring Actions

- 5. Request Information Technology provide support personnel to the EOF, as necessary.
- 6. Request photocopier services provide support personnel to the EOF, as necessary.
- 7. Contact the Nuclear Maintenance Department for the following resources:
 - Craft Labor
 - Tools
 - Equipment
- 8. Contact the Purchasing Department for the following resources:
 - Consulting Services
 - Expense Account Services
 - Temporary Housing
 - Food
- 9. Contact the Nuclear Site Services Department for the following resources:
 - Supplies
 - Vehicles
 - Heavy Machinery
- 10. Contact the Transportation Department for the following resources:
 - Vehicles
 - Equipment
 - Supplies
 - Personnel
- 11. Consult the DSEO to determine the need for outside agency assistance.
- 12. Obtain DSEO approval before requesting equipment or services over \$100,000.
- 13. Contact the Richmond Corporate Operations Support for the following additional resources:
 - Additional transportation needs
 - Petty cash
 - Legal, insurance, and treasury services
 - Any other corporate resources, as necessary

Section B: Recurring Actions

- 14. Obtain additional support for services from INPO, as necessary.
- 15. Coordinate with the Regulatory Liaison to support the following, as necessary:
 - NRC site team
 - Supporting organizations

NOTE

The following events may require large amounts of bottled breathing air:

- Environmental or radiological release that threatens control room habitability
- Fire or chemical release
- Conditions projected to exhaust or restrict access to SCBA deployment on-site

- 16. IF event requires large amounts of bottled breathing air, perform the following:
 - a. Request Emergency Equipment and Services Personnel provide the following:
 - Additional bottles
 - Refills
 - Additional SCBAs for relief teams.

CAUTION

Refills are usually provided from a cascade system of storage tanks replenished by a compressor. Running the compressor at a facility on or near the site during a radiological release may contaminate the air in the cascade system.

- b. IF radiological event is in progress and the Fire Training cascade system requires filling by compressor, request off-site organizations refill bottles.
- c. Coordinate bottle transport between points of use and refill facilities.

Section C: Termination

1. IF directed by the DSEO to terminate the SERO, perform the following:
- Notify departments, corporate, and agencies supporting the site with resources that the event has been terminated.
 - Cancel any orders for resources no longer needed as a result of the termination.

Prepared by: _____

Signature

Print

Date

Section D: SERO Facility Shift Staffing

TSC/OSC Combined Facility

Shift 1 Shift 2 Shift 3

Shift From: _____ (hrs) To: _____ (hrs)

POSITION	NAME	PHONE	PAGER
<i>Minimum Staffing - 60 Minute Response</i>			
MRCA			
TSCRE			
UADTS			
UADTS			
UMOSC			
UMTSC			
UMTSC			
UTSCEE			
UTSCEE			
UTSCME			
UTSCME			
<i>Augmented Staffing - Subject to Call</i>			
AMTL			
AMT TH			
AMT ME			
MOS			
RAD COM			
UOSCMA			
UTSC SM			

Any route restrictions: No Yes

Section D: SERO Facility Shift Staffing

Unit 1 Event (Unit 2 Control Room)

Shift 1 Shift 2 Shift 3

Shift From: _____ (hrs) To: _____ (hrs)

POSITION	NAME	PHONE	PAGER
SM/Certified Fuel Handler			
PEO (Unit 2 PEO/RO/SRO)			

Unit 2 or Unit 3 Control Room (Circle One)

Shift 1 Shift 2 Shift 3

Shift From: _____ (hrs) To: _____ (hrs)

POSITION	NAME	PHONE	PAGER
SM/MCRO			
US			
STA			
CO			
CO			
PEO			
PEO			

Station Shift Support

Shift 1 Shift 2 Shift 3

POSITION	NAME	NUMBER	PAGER
SDO			
Shift Tech			
RMT #1			
RMT #1			
RMT #1			
Chem Technician			
Chem Technician			
UCRDC			
UCRDC			

Any route restrictions: No Yes

Section D: SERO Facility Shift Staffing

EOF

Shift 1 Shift 2 Shift 3

Shift From: _____ (hrs) To: _____ (hrs)

POSITION	NAME	PHONE	PAGER
<i>Minimum Staffing - 60 Minute Response</i>			
ADEOF			
DSEO			
EOF HP			
EOF Shift Technician			
MOR			
MPI			
MRDA			
RMT #3			
RMT Driver			
RMT #4			
RMT Driver			
RMT #5			
RMT Driver			
UMOC			
UTIC			
<i>Augmented Staffing - Subject to Call</i>			
AMRDA			
AMRDA			
ERC			
FTDC			
MET Assistant			
RAD COMM			
RAE			
Regulatory Liaison			
Station EP Representative			
State EP Representative			
UMOC			
UTIC			

Any route restrictions: No Yes

Section D: SERO Facility Shift Staffing

State EOC

Shift 1 Shift 2 Shift 3

Shift From: _____ (hrs) To: _____ (hrs)

POSITION	NAME	PHONE	PAGER
<i>Minimum Staffing - 60 Minute Response</i>			
Exec Spokesperson (ES)			
NNM			
<i>Augmented Staffing - Subject to Call</i>			
Media Liaison			
Rad Briefer			
Rumor and Inquiry Control			
Technical Briefer			
Technical Assistant			

Any route restrictions: No Yes

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 5

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP04-012, "Manager of Public Information (MPI)"
Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

A

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04-012 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Manager of Public Information (MPI)

For New Documents only → QA RI Title Manager, EPD

B

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

C

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 and 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

D

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

E

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

F

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ # Comments
				Yes	No	Dept.	
50.54g <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/29/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis <input type="checkbox"/>							
Tech Independent <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Steve Mazzola	<i>Steve Mazzola</i>	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

G
H

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/19/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign _____
Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date

I

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 - 012 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White	<i>[Signature]</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	<i>[Signature]</i>	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPG	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/19/02

Approval Date

3/19/02

Effective Date

Manager of Public Information (MPI)

This form provides guidance to the MPI for emergency response actions during events that activate the SERO.

Section A: Initial Actions

- 1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
- 2. Notify ADEOF of arrival.
- 3. Maintain a log of significant events and communications on the SERO Log Sheet.
- 4. Verify MPI telephones (commercial and hotline) are operational.
- 5. Contact the NNM to discuss event status and strategy.
- 6. IF State EOC is NOT activated, perform the following:
 - a. Refer To Section C, "Rumor Control/Inquiries Form," and record all calls and inquiries.
 - b. Respond to caller's inquiries using available information.
 - c. Fax completed copies of all Rumor Control/Inquiries to the State EOC.
 - d. Post copy of completed form on EOF Rumor Control board.

Section B: Recurring Actions

- 1. IF media arrives at plant gate, perform the following:
 - IF the Joint Media Center is activated, direct media to the available media center.
 - IF Joint Media Center has not been activated, brief media on event.
 - Refer To Section E, "Directions to Facilities," and provide directions to the available media center, as necessary.

Section B: Recurring Actions

NOTE

The following actions apply to calls received once the Joint Rumor and Inquiry Control Center at the State EOC is activated.

The Joint Rumor and Inquiry Control Center should be the centralized location for all calls from the media, local officials, and members of the public.

- 2. IF the Joint Rumor and Inquiry Control Center is activated and a call is received at the site, direct the call to the State EOC unless a simple response is appropriate.
- 3. Obtain available information on the event, including information from DSEO and SERO Managers during briefings.
- 4. Notify the NNM at the State Joint Media Center of information from briefings.
- 5. Refer To EPI-FAP13, "News Releases," and prepare news releases unless directed otherwise by the NNM.
- 6. Submit news releases to the ADEOF for technical review.
- 7. Submit news releases to the DSEO for approval.
- 8. Refer To Section D, "SNET FaxWorks Instruction," and distribute news releases using SNET FaxWorks.
- 9. Notify ADEOF of significant questions and status of public information activities at the State Armory.
- 10. Request additional site support personnel from the MOR, as necessary.
- 11. WHEN calls are received, complete Section C.

Prepared by: _____

Signature

Print

Date

Section C: Rumor Control/Inquiries Form

NUMBER:				
SOURCE OF INQUIRY	<input type="checkbox"/> PHONE CALL	CALLER'S NAME	CALLER'S TELEPHONE NUMBER	
	CALLER'S AFFILIATION			
	MANNER <input type="checkbox"/> CALM <input type="checkbox"/> RATIONAL <input type="checkbox"/> COHERENT <input type="checkbox"/> EMOTIONAL <input type="checkbox"/> ANGRY <input type="checkbox"/> ANGRY <input type="checkbox"/> INCOHERENT <input type="checkbox"/> RIGHTEOUS <input type="checkbox"/> LAUGHING			
	<input type="checkbox"/> MEDIA	HAS THIS RUMOR BEEN BROADCAST? <input type="checkbox"/> YES <input type="checkbox"/> NO	IF YES, WHICH MEDIA?	
	<input type="checkbox"/> OTHER	DESCRIBE		
CALL TAKEN BY:		TIME	DATE	
RUMOR / INQUIRY:				
REFERRED TO: <input type="checkbox"/> N/A <input type="checkbox"/> MILLSTONE <input type="checkbox"/> STATE	DEPT OR AGENCY	NAME		
RESOLUTION:				
<input type="checkbox"/> REASSURED CALLER				
<input type="checkbox"/> GAVE CALLER THE FOLLOWING INFORMATION:				
<input type="checkbox"/> TOLD CALLER YOU WOULD CALL HIM/HER BACK				
<input type="checkbox"/> TOLD CALLER TO STAY TUNED TO LOCAL EAS STATION				
FOLLOW-UP ACTIONS REQUIRED?				
<input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DESCRIBE FOLLOW-UP ACTION TAKEN: _____				
<input type="checkbox"/> RETURNED PHONE CALL AT _____ AM/PM				
<input type="checkbox"/> GAVE CALLER THE FOLLOWING INFORMATION:				
INFORMATION PROVIDED BY (IF DIFFERENT FROM "REFERRED TO" ABOVE):				
<input type="checkbox"/> NAME _____ NOTIFIED OF POTENTIAL PROBLEM OR TREND				
<input type="checkbox"/> OTHER _____				
FINAL STATUS		FINAL STATUS		
<input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED		<input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED		

Section D: SNET Faxworks Instructions

SNET FaxWorks: Sending a Fax Broadcast from a Fax Machine

These instructions demonstrate how to send a fax broadcast via SNET FaxWorks from a fax machine to either a distribution list or a group of fax numbers that have not been entered into the SNET FaxWorks computer.

1. **Dial 1-800-229-4329** from the telephone connected to the fax machine. (A set of voice instructions by the SNET FaxWorks Computer will guide the process).
2. From the telephone set, enter the seven digit SNET FaxWorks password, followed by the star key (*). **The Password is: 7972657**
3. To send a fax, press "1"
4. The following list of choices regarding the delivery time of the fax will be given:
 - a) To send the fax immediately, press "1"
 - b) To send the fax overnight (Between 11 p.m. and 7 a.m. EST), press "2"
 - c) To schedule delivery at a specific time within a 24-hour period, press "3"
 - d) Enter the military time at which you want the fax to go out (i.e., 4 p.m. EST is 16:00 hours in military time).
 - e) To send to a SNET FaxWorks Mailbox, press "4"

NOTE

Multiple lists or fax numbers may be entered, but they need to be entered one at a time, with each entry followed by the star key (i.e., 001*, 003*, 860-555-1212*, 005*, 704-555-9898*).

5. For each entry, enter the **distribution list number** (i.e., 001) or the **fax number (including area code)** to send the document to a specific location(s), and then enter the **star key (*)**.
6. Select one of the following for SNET FaxWorks:
 - 001 - Local Media
 - 002 - CT Statewide
 - 003 - Government
 - 004 - Local & Government (Lists 001 & 003)
 - 005 - All lists (Lists 001, 002, & 003)
6. **WHEN** all lists or destination numbers have been entered, press the **pound key (#)**.
7. **Wait for the fax tone and press start** on the fax machine
8. When the document starts going through the fax machine, hang up the receiver.
9. For help, call the SNET FAXWORKS Customer Service Department at 1-800-345-4329.

Section E: Directions To Facilities

Millstone Information and Science Center

- From I-95 North:** In Lyme, take Exit 72 (Rocky Neck Connector) and turn left onto Route 156 eastbound. Go 3 miles to Niantic Center. The Millstone Information Center is the brick building on the right.
- From I-95 South:** In Niantic, take Exit 74 (Niantic). Turn right onto Route 161 southbound. Go 4 miles to Niantic Center. Turn right onto Route 156 westbound. The Millstone Information Center is the brick building on the left.
- From Rt 2 South:** In Colchester, take Route 11 southbound to the end. Turn left onto Route 82 eastbound. Go 1 mile, turn right onto Route 85 southbound. Go 5 miles and bear right at traffic light onto Route 161 southbound. Go 8 miles to Niantic Center. Turn right onto Route 156 westbound. The Millstone Information Center is the brick building on the left.

State EOC/Hartford Armory

- From I-91 North:** In Hartford, take I-84 West; see below.
- From I-91 South:** In Hartford, take I-84 West; see below.
- From I-84 West:** Take Asylum Street exit. Turn right at end of exit. Take first left onto Broad Street (in front of YWCA). The Hartford Armory is on the left, across from the Hartford Courant.
- From I-84 East:** Take Capitol Avenue exit. Turn right at end of exit. Take first right into parking area. The Hartford Armory is directly ahead on the left; the parking garage is on the right.

Go in the entrance at the ground level of the east side of the building. Go straight down the passageway to the end. The Joint Media Center and Connecticut Office of Emergency Management are on the right.

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 6

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP04-013, "Manager of Communications (MOC)"
Major Revision 2

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04-013 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Manager of Communications (MOC)

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 all 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓/N Comments
				Yes	No	Dept.	
50.54g <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	Kathleen Burgess	2/29/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis <input type="checkbox"/>							
Tech Independent <input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign _____

Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 - 013 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White	<i>[Signature]</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	<i>[Signature]</i>	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPG	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02
Approval Date

3/19/02
Effective Date

Manager of Communications (MOC)

This form provides guidance to the MOC for emergency response actions during events that activate the SERO.

Section A: Initial Actions

- 1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
- 2. Maintain a log of significant events and communications on the SERO Log Sheet.

NOTE

ERDS activation is not required for a Unit 1 event.

- 3. Contact affected unit Control Room and verify ERDS is operational and configured for the affected unit.
- 4. Access OFIS in accordance with EPI-FAP15-006, "OFIS Instructions."
- 5. Establish communications with the CRDC via the Ops Net or other means of communications.

Section A: Initial Actions

NOTE

The Control Room should be relieved of NRC ENS communication responsibilities as soon as possible. Relief shall be verbal, clear, and direct.

For a Unit 1 event, the NRC ENS communicator is located in the Unit 2 Control Room.

- 6. IF ready to conduct a turnover with the affected unit Control Room, perform the following:
 - a. Ensure the DSEO has completed turnover with the Control Room.
 - b. Obtain a copy of the most current NRC Event Notification form from the Control Room.
 - c. Discuss status of current communications and inquires with the SDO.
 - d. Request the SDO inform the NRC that ENS responsibilities are being transferred and communications will be interrupted briefly during turnover.
 - e. Request the SDO hang up ENS phone after the NRC has been informed.
 - f. Relieve the affected unit Control Room of ENS responsibilities.
 - g. Establish communications with the NRC Operations Center via the ENS line.
 - h. WHEN communications have been established, notify the Control Room that communication responsibilities with the NRC Emergency Operations Center have been assumed by the MOC.
 - i. Record the time of relief in the MOC logbook.

- 7. During communications with the NRC via the ENS phone, perform the following:
 - Describe events, conditions, and other pertinent information related to the emergency.
 - Notify NRC of any §50.54(x) actions being invoked.
 - Discuss plant parameter data listed on OFIS plant parameter data forms.
 - Determine frequency at which plant information should be passed to NRC (usually about every 15 minutes).

Section A: Initial Actions

- 8. Obtain additional information requested by the NRC.
 - a. Notify the TIC of specific plant parameters requested which are *not* available on OFIS.
 - b. Refer To Section D, "Emergency Notification System NRC Data Sheet," and provide requested parameters to the TIC.
 - c. Fax or verbally transmit data to the NRC Emergency Operation Center and NRC Region One Incident Response Center.
 - d. Direct the TIC to update the Critical Parameters status board with additional parameters.

- 9. IF the NRC requests information other than plant parameter data or plant conditions, consult with the following.
 - IF questions are radiological in nature, direct questions to MRDA.
 - IF questions are specific to plant conditions, direct question to ADTS.

- 10. Refer To EPA-REF08B, "Millstone Emergency Plan Resource Book," and notify INPO Emergency Preparedness Duty Officer of event in progress.

- 11. WHEN second MOC is available, establish initial communications with the Southold, NY, EOC and Suffolk, NY, EOC as follows:
 - a. Press "Southold Speed Dial" key.
 - b. Request answering party to hold.
 - c. Press "Flash" button.
 - d. Wait for the triple beep.
 - e. Press "Suffolk Speed Dial" key.
 - f. WHEN the phone is answered, press "Flash" button.

Section A: Initial Actions

12. WHEN communicating with Southold, NY, and Suffolk, NY, EOCs, perform the following:

NOTE

Do not provide Millstone protective action recommendations that are being made for the State of Connecticut. This information will be communicated between the State of Connecticut and the State of New York.

- Provide information based on the most recent briefing.
- Respond to basic questions.
- IF additional input is required, discuss with ADEOF.
- Establish expectations regarding frequency of future communications (i.e., ongoing and updates).

Section B: Recurring Actions

1. IF NRC requests information other than plant parameters, plant conditions and EOPs in use, notify the ADEOF.
2. IF unable to obtain plant parameter data from OFIS, perform the following:
- Request the TIC provide the plant parameter data approximately every 15 minutes or as significant changes in the data occur.
 - Provide the data to NRC.
3. Refer To Section D, "Emergency Notification System NRC Data Sheet," and update, as necessary.
4. Coordinate continuous communications between SERO and NRC.
5. IF requested, FAX the OFIS plant parameter data sheets to the NRC Emergency Operations Center and the NRC Region 1 Incident Response Center.
6. Request communications assistance from the following, as necessary:
- TIC
 - CRDC
 - ADTS
 - ADEOF
 - MRDA
 - Shift Technician

Section B: Recurring Actions

- 7. IF the NRC provides information regarding NRC Site Team, provide information to the ADEOF, MOR, and Regulatory Liaison for coordination of NRC Site Team logistics.

- 8. Provide updated information to the Southold, NY, EOC and Suffolk, NY, EOC for the following:
 - Change in classification levels.
 - Change in events.
 - Periodically, as established.

Section C: Termination Actions

- 1. WHEN SERO termination is directed by DSEO, perform the following:
 - Transmit SERO status to NRC via ENS.
 - Record SERO termination in MOC Logbook.

NOTE

ERDS activation is not required for a Unit 1 event.

- Request Control Room for the affected unit to terminate the ERDS connection.
- Terminate communications with the Southold, NY, and Suffolk, NY, EOCs.

Prepared by: _____

Signature

Print

Date

Section D: Emergency Notification System NRC Data Sheet

(Use additional sheets as necessary.)

INFORMATION REQUESTED (date/time):
INFORMATION PROVIDED (date/time):
INFORMATION REQUESTED (date/time):
INFORMATION PROVIDED (date/time):
INFORMATION REQUESTED (date/time):
INFORMATION PROVIDED (date/time):
INFORMATION REQUESTED (date/time):
INFORMATION PROVIDED (date/time):

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 7

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)

MP-26-EPI-FAP04-014, "Technical Information Coordinator (TIC)"

Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext: 5474

Document No.: MP-26-EPI-FAP04-014 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Technical Information Coordinator (TIC)

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 att 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ # Comments
				Yes	No	Dept.	
50.54 g <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis <input type="checkbox"/>							
Tech Independent <input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign
Meeting No

SORC Signature

DH / RI Signature

Approval Date

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04 - 014 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ if Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	<u>Mark White</u>	<u>[Signature]</u>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>EPD</u>	
Writer's Guide <input checked="" type="checkbox"/>	<u>Maria Maryeski</u>	<u>[Signature]</u>	<u>3/4/02</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>SPG</u>	<input checked="" type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02
Approval Date

3/19/02
Effective Date

Technical Information Coordinator (TIC)

This form provides guidance to the TIC for emergency response actions during an event that activates the SERO.

Section A: Initial Actions

- 1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
- 2. Notify DSEO of arrival and obtain event conditions and status update.
- 3. Maintain a log of significant events and communications on the SERO Log Sheet.

NOTE

For a Unit 1 event, the Unit 2 and Unit 3 CRDCs report to the Unit 2 Control Room.

- 4. Establish communications with CRDC via the Ops Net or other means of communications and perform the following:
 - a. Determine the event conditions and status.
 - b. Ensure the EOF clocks are synchronized with the plant process computer.
 - c. Instruct the CRDC to provide a chronology of major Control Room actions, including ONP and EOP procedures.
- 5. Record the names of the CRDCs on EOF Staffing Board.
- 6. Access OFIS per EPI-FAP15-006, "OFIS Instructions."

Section B: Subsequent and Recurring Actions

- 1. Direct actions of the other TIC, as necessary.
- 2. Monitor communications and provide input or request clarification, as necessary.
- 3. Review EPI-FAP06 for EAL initiating conditions.
 - Determine Fission Product Barrier Status
 - Track possible paths to escalation.
- 4. Notify the DSEO and the ADEOF of potential changes to emergency classification or plant conditions which may affect PARs.

Section B: Subsequent and Recurring Actions

- 5. Provide DSEO and ADEOF with the following event updates:
 - Procedures in use (e.g. EOPs, AOPs, etc.)
 - Changing plant parameters
 - Fast-breaking events
 - Barrier Status (i.e. Barriers failed or potential for failure)

- 6. IF the ADEOF or SERO Managers request plant parameter data *not* available on OFIS, perform the following:
 - a. Record Description/Plant ID of requested data on EPI-FAP15-004, "Plant Parameter Data Requested/Provided."
 - b. Notify affected unit CRDC of the data requested and obtain data via telephone, fax machine, or manually (data screen entry).
 - c. Provide data to the individual who made the request.

- 7. IF OFIS is operable, maintain the Critical Parameters status board and inform the DSEO approximately every 15 minutes or as significant changes occur.

- 8. IF OFIS is inoperable, perform the following:
 - a. Obtain data verbally from the CRDC and record it on one of the following, as applicable:
 - EPI-FAP15-007, "Critical Parameter Data Sheet - MP1"
 - EPI-FAP15-008, "Critical Parameter Data Sheet - MP2"
 - EPI-FAP15-009, "Critical Parameter Data Sheet - MP3"
 - b. Maintain and update the Critical Parameters status board at 15 minute intervals.
 - c. Consult with personnel on the Operations Net and determine if additional data is required.
 - Obtain requested data from the CRDC and record on applicable Critical Parameter Data Sheet.
 - Provide the completed form to the requestor.
 - Update changing plant parameter data and provide data to requestor approximately every 15 minutes or until no longer requested.

Section B: Subsequent and Recurring Actions

- 9. Provide technical assistance to the following, as requested:
 - DSEO
 - MOC
 - TA
 - MPI
 - Other SERO Managers

- 10. Maintain and update the Chronology of Key Events status board and Critical Parameters status board as significant events occur.

- 11. Provide recommendations for shift relief to the MOR, as requested.

Section C: Termination Actions

- 1. WHEN SERO termination is directed by the DSEO, perform the following:
 - Terminate OFIS.
 - Record SERO termination in TIC Logbook.

Prepared by: _____

Signature

Print

Date

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 8

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP04-016, "Station Emergency Preparedness Representative (SEPR)"
Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

A

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04-016 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Station Emergency Preparedness Representative (SEPR)

For New Documents only → QA RI Title Manager, EPD

B

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

C

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 att 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

D

Editorial Correction Approval

Plant Mgmt Staff Member - Approval

TPC Interim Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

E

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

F

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ Comments
				Yes	No	Dept.	
50.54g <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis <input type="checkbox"/>							
Tech Independent <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Steve Mazzola	<i>Steve Mazzola</i>	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

G

An NRRL Update Required YES

H

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 3/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign _____

Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

I

Effective Date: 3/14/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04-016 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ H Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White	<i>[Signature]</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	<i>[Signature]</i>	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPG	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02
Approval Date

3/19/02
Effective Date

Station Emergency Preparedness Representative (SEPR)

This form provides guidance to the SEPR for emergency response actions during events that activate the SERO.

Section A: Initial Actions

- 1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
- 2. Notify the ADEOF of arrival and obtain a status update.
- 3. Maintain log of significant events and communications on the SERO Log Sheet.

Section B: Facility Preparations

- 1. To prepare the EOF for occupancy, perform the following:
 - a. Press "LIGHTS ON" pushbutton switch inside EOF entrance.

NOTE

Lighting breakers are in the EOF equipment and ventilation room through the double doors to the right of the kitchen.

- b. IF EOF interior lights do not turn on, check appropriate circuit breakers at proper settings and reset the following circuit breakers in EOF Equipment Room, as necessary:
 - "29" in Power Panel "EPP1"
 - "2", "4", "6", "8", and "9" in Power Panel "EPP2"

NOTE

Circuit breakers "34" and "36" in Power Panel "ELP2" are ganged.

- c. IF EOF portal monitors are not operational, perform the following:
 - "34" and "36" in Power Panel "ELP2"
 - Ensure portal monitor control unit power cable is inserted into 115 VAC receptacle beside the portal monitor.

Section B: Facility Preparations

NOTE

A two minute warm-up period is required for proper operation of the portal monitor. The portal monitor radiation alarm may sound during the warm-up period.

- IF radiation alarm sounds, press pushbutton at top of the portal monitor to silence alarm.
- d. Ensure all EOF entrance way whole-body friskers (RM-14 or equivalent) are energized and setup as follows:
 - Set "ON/OFF" switch to "ON."
 - Set "RANGE" switch to "X1."
- 2. Verify the following EOF activation keys are available:
 - Simplex Fire Protection Panel Key
 - Security Office Annunciator Panel Key
- 3. Adjust EOF PA system volume, as appropriate.
- 4. Check Simplex Fire Protection Panel and Security Office Annunciator Panel for alarms.
- 5. IF alarms are activated, perform the following:
 - Acknowledge and attempt to reset alarms.
 - Determine cause of alarms and request corrective assistance, as necessary.
- 6. IF notified by HP Tech that EOF alarm systems activated during High Radiation Filtration System activation, perform the following:
 - Access the Simplex Fire Protection Panel and Security Office Annunciator Panel.
 - Attempt to reset alarms.
 - Determine cause of alarms and request corrective assistance, as necessary.

Section C: Recurring Actions

- 1. Assist the DSEO and the ADEOF with EOF operations.
- 2. IF requested by the MRDA in the absence of the EOF HP Tech, activate the high radiation ventilation filtration system using EPI-FAP15-013.

Section C: Recurring Actions

- 3. Monitor EOF activities and assist personnel with implementation of procedures, as necessary.
- 4. Troubleshoot and repair EOF equipment problems as follows:
 - IF equipment problem is within immediate capabilities, repair equipment.
 - IF equipment problem is not within immediate capabilities, obtain services support through the MOR.
- 5. Inform the ADEOF of any problems and status of corrective actions for repairing EOF equipment.
- 6. Assist the EOF staff with questions on implementation of the Emergency Plan or procedures.

Prepared by: _____

Signature

Print

Date

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 9

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)

MP-26-EPI-FAP04-017, "Regulatory Liaison"

Major Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020214-101433

Initiated By: Patti Luckey Date 2/11/02 Department: EPD Ext: 5474

Document No.: MP-26-EPI-FAP04-017 Rev. No.: 001 Minor 00

Title: Emergency Operations Facility Activation and Operation - Regulatory Liaison

For New Documents only → QA RI Title Manager, EPD

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Biennial review AR01000841

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 all 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure

See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
50.54g <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Environmental <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD <input checked="" type="checkbox"/>	Kathleen Burgess	Kathleen Burgess	2/28/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis <input type="checkbox"/>							
Tech Independent <input checked="" type="checkbox"/>	Steve Mazzola	Steve Mazzola	3/11/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 2/13/02
SQR Qualified Independent Reviewer / Date

Patti Luckey
Dept Head / Responsible Individual

3/14/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign

Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

Effective Date: 3/19/02

Document Action Request Continuation Page

SPG# 020214-101433

Initiated By: Patti Luckey Date: 2/11/02 Department: EPD Ext.: 5474

Document No.: MP-26-EPI-FAP04-017 Rev. No.: 001 Minor Rev. 00

Title: Emergency Operations Facility Activation and Operation

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓/N Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Mark White	<i>[Signature]</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Writer's Guide <input checked="" type="checkbox"/>	Maria Maryeski	<i>[Signature]</i>	3/4/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPG	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

3/14/02
Approval Date

3/19/02
Effective Date

Regulatory Liaison

This form provides guidance to the Regulatory Liaison for emergency response actions during an event that activates the SERO.

Section A: Initial Actions

- 1. Sign in on the EOF Staffing Board and log date and arrival time on the SERO Log Sheet.
- 2. Notify the ADEOF of arrival and obtain event conditions and status update.
- 3. Check workstation telephone for operability.
- 4. Maintain a log of communications and requests.

Section B: Preparations for Site Team Arrival

- 1. WHEN informed that the NRC Site Team will be dispatched to the station, perform the following:
 - a. Using a commercial telephone, establish communications with the NRC Regional Office and request the names, positions, and estimated time of arrival of the NRC Site Team.
 - b. Record the names and positions of the NRC Site Team members in Section D.
 - c. Request the NRC Site Team report to the EOF for site access processing and an initial briefing.
- 2. Arrange site access for the NRC Site Team with the MOS.
- 3. Arrange for NRC Site Team transportation to the TSC/OSC or control room with the MOR.

NOTE

The NRC Site Team will usually carry dosimetry with them.

- 4. Arrange for NRC Site Team dosimetry with the MRCA.
- 5. Referring to Section D, confer with the ADEOF and ADTS to identify SERO counterparts for the NRC Site Team members.

Section B: Preparations for Site Team Arrival

- 6. Compile the following for the NRC Site Team:
 - All issued IRFs obtained from the ADEOF.
 - All issued News Releases obtained from the MPI.
 - All issued EAS messages obtained from the MPI.

- 7. Develop an initial briefing for the NRC Site Team with the DSEO and ADEOF as follows:
 - Refer to EPI-FAP15-001, "DSEO/ADTS Briefing Sheet," for topic outline and information.
 - Obtain specific information on the status of safe shutdown equipment.
 - Obtain specific information on the status of core cooling.
 - Obtain specific information on the status of heat removal processes.
 - Obtain specific information on any signs of tampering or sabotage.
 - Obtain specific information on in-plant or containment radiological conditions.
 - Obtain specific information on dose consequences of effluent releases.
 - Determine site access provisions and routes.
 - Obtain counterpart names and locations (Section D)
 - Obtain any other personnel or plant relative issues.

Section C: NRC Site Team Support

- 1. When the NRC Site Team arrives, perform the following:
 - a. Direct the NRC Site Team to the EOF NRC conference area to prepare for briefing.
 - b. Provide copies of the IRFs, News Releases, and EAS messages to the Team.

- 2. Inform the DSEO when the NRC Site Team is ready for the initial briefing.

- 3. Perform periodic inquiries of NRC counterparts and determine if the following NRC needs are adequate:
 - Facility workstations (phones, power outlets, seating, etc.)
 - Information flow and availability.

- 4. Respond to other requests from the NRC.

Section C: NRC Site Team Support

- 5. Attend any meetings held with the NRC Site Team and document the following:
 - Briefing topics and discussions.
 - NRC requests for information or actions.

- 6. Maintain a current status of action items from NRC discussions.

- 7. Advise the ADEOF or ADTS of any actions which will not be completed by the due date or time.

Prepared by:

Signature

Printed Name

Date

Section D: NRC Site Team Composition

The following table represents the expected makeup of the NRC Site Team. Actual team composition may vary.

EOF

NRC Position	NRC Name	NRC Telephone	SERO Counterpart	SERO Name	SERO Telephone
Director of Site Operations (DSO)			Director of Station Emergency Operations (DSEO)		
Reactor Safety Coordinator (RSC)					
Assistant Reactor Safety Coordinator					
RSCL Communicator					
Government Liaison Coordinator (GLC)			CT DEP Representative		
Assistant Government Liaison Coordinator					
Status Summary Communicator					
Public Affairs Coordinator					
Emergency Response Coordinator			Manager of Resources (MOR) or Regulatory Liaison		
Communications Specialist					
Protective Measures Coordinator (PMC)			Assistant Director EOF (ADEOF)		
Assistant Protective Measures Coordinator					
Environmental Assessment Coordinator			Manager of Radiological Dose Assessment (MRDA)		
Dose Assessor			Radiological Assessment Engineer (RAE)		
HPN Communicator			Asst Manager of Radiological Dose Assessment (AMRDA)		
PMCL Communicator					

Section E: NRC Site Team Composition

The following table represents the expected composition of the NRC Site Team. Actual team composition may vary.

TSC

NRC Position	NRC Name	NRC Telephone	SERO Counterpart	SERO Name	SERO Telephone
Reactor Safety Operations Coordinator (RSOC)			Assistant Director Technical Support (ADTS)		
Reactor Systems Operational Specialist			Manager TSC (MTSC)		
Radiation Safety Coordinator			Mgr of Rad Consequences Assessment (MRCA)		
RSCL Communicator					
PMCL Communicator					
Senior Resident Inspector					

OSC

Health Physics Coordinator			Assistant Rad Protection Supervisor (ARPS)		
----------------------------	--	--	--------------------------------------------	--	--

Control Room

Resident Inspector					
--------------------	--	--	--	--	--

State EOC

State EOC Coordinator			CT OEM Director		
Public Affairs Coordinator			Executive Spokesperson or Nuclear News Manager		
Technical Briefer			Technical Briefer		

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 10

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP06, "Classification and PARs"
Major Revision 0, Minor Revision 2

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 0203016 - 102113
102113 805
3/16/02

Initiated By: Tom Gilbert Date 3/6/02 Department: EPSD Ext.: 3465

Document No.: MP-26-EPI-FAP06 Rev. No.: 000 Minor Rev.: 02

Title: Classifications and Pars

For New Documents only → QA RI Title

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Feedback from LORT. Assignment 01007179-02
Add the word 'checklist' on page 6 step 2.1.2.g
Add the definition of 'Lead Unit' to attachment 1.

Continued

Select one (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 att 3

Edit Corr.:

Non-Intent Change
(Only SQR Independent Review and Env. screen Required)

Editorial Correction Approval

Plant Mgmt Staff Member - Approval

TPC Interim Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	Tom Gilbert	<i>thp</i>	3/7/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
<input checked="" type="checkbox"/>	Tom Gilbert	<i>thp</i>	3/7/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
<input checked="" type="checkbox"/>	Tom Gilbert	<i>thp</i>	3/7/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
<input type="checkbox"/>	Tom Gilbert						
<input checked="" type="checkbox"/>	KRBurgess	KRBurgess	3/7/02	X		EPD	

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Thomas Niquet / 3-7-02
SQR Qualified Independent Reviewer / Date
Tom Gilbert
Dept Head / Responsible Individual
3/8/02
Approval Date

2 Final Review and Approval

SORC RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign
Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

Effective Date: 3/13/02

**Functional
Administrative
Procedure**



Classification and PARs

MP-26-EPI-FAP06

Rev. 000-02

Approval Date: 3/08/02

Effective Date: 3/13/02



Table of Contents

1. PURPOSE	2
1.1 Objective.....	2
1.2 Applicability	2
1.3 Supporting Documents	2
1.4 Discussion	3
2. INSTRUCTIONS	5
2.1 <u>Event Classification Based on EAL Tables</u>	5
2.2 <u>Transitory Events</u>	7
2.3 <u>Emergency Termination and Transition to Recovery</u>	8
2.4 <u>Plant Based Protective Action Recommendations (PARs)</u>	9
2.5 <u>Dose Assessment Based Protective Action Recommendations (PARs)</u>	10
3. SUMMARY OF CHANGES	11
3.1 Revision 000-02	11
3.2 Revision 000-01	11
3.3 Revision 000.....	11
4. ATTACHMENTS AND FORMS	
Attachment 1 Definitions And Abbreviations	12
Attachment 2 Responsibilities	13
Attachment 3 OU1-Determination Criteria	14
Attachment 4 PAR Zone Descriptions	15
Attachment 5 State And Local Posture Code Response And Protective Actions	16
MP-26-EPI-FAP06-001, "Millstone Unit 1 Emergency Action Levels"	
MP-26-EPI-FAP06-002, "Millstone Unit 2 Emergency Action Levels"	
MP-26-EPI-FAP06-003, "Millstone Unit 3 Emergency Action Levels"	
MP-26-EPI-FAP06-004, "Termination Checklist"	
MP-26-EPI-FAP06-005, "Control Room Protective Action Recommendations"	
MP-26-EPI-FAP06-006, "EOF Protective Action Recommendations"	
MP-26-EPI-FAP06-007, "Protective Action Comparisons"	

1. PURPOSE

1.1 **Objective**

This procedure provides guidance on:

- The use of Emergency Action Levels (EALs) for classifying an emergency.
- Determining the offsite Protective Action Recommendation (PAR).
- Terminating the emergency and transitioning into Recovery.

1.2 **Applicability**

1.2.1 Conditions exist which, in the judgment of the Shift Manager/DSEO, could be classified as an emergency.

1.2.2 Conditions have been stabilized and the DSEO is preparing to terminate the emergency and enter into Recovery.

1.3 **Supporting Documents**

EPI-FAP07, "Notifications and Communications"

EPI-FAP14, "Recovery"

RAC 14, "Non-Emergency Station Events "

| ①

1.4 Discussion

1.4.1 Event Classification

- a. The decisions to classify an event and recommend protective actions are non-delegable responsibilities of the DSEO. Personnel will assist with the analysis of the event and the development of recommendations, but the ultimate approval authority rests with the DSEO. Input and recommendations that support the decision are provided by the ADTS for operational and EAL table input, the ADEOF for PAR and notification information, and the MOS for security considerations.
- b. To ensure classification upgrades are timely and effective, a continuous communications network has been established between the CRDC in the affected Unit's Control Room, the TIC in the EOF, and the TSCSM in the TSC. The CRDC provides data on changing plant status and parameters. The TIC and the TSCSM provide this information to the DSEO and ADTS (respectively), answer operational and technical questions, and alert of potential impact on classification.
- c. A 15 minute goal has been established by the NRC as a reasonable period of time for assessing and classifying an emergency once indications are available that an EAL initiating condition has been exceeded. After the event has been classified, regulations require the prompt notification of off-site authorities within 15 minutes.

1.4.2 Protective Action Recommendations (PARs) General Guidance

- a. PARs are made whenever a General Emergency is declared. Millstone will not issue PARs for any accident classified below a General Emergency.
- b. PARs provided in response to a radioactive release include evacuation and taking shelter.
 - Evacuation is the preferred action unless external conditions impose a greater risk from the evacuation than from the dose received.
 - Station personnel do not typically have the necessary information to determine whether offsite conditions would require sheltering instead of an evacuation. Therefore, an effort to base PARs on external factors (such as road conditions, traffic/traffic control, weather or offsite emergency worker response) should not be attempted.

- c. At a minimum, a plant condition driven PAR to evacuate a 2 mile radius, and shelter all other Subzones (General Emergency Bravo), is issued at the declaration of a General Emergency. Depending on plant conditions, the following may be issued instead of the minimum PAR:
- 2 mile radius and 5 miles downwind, and shelter all other Subzones (General Emergency Alpha)
 - 5 mile radius and 10 miles downwind, and shelter all other Subzones.
- d. PARs are provided directly to the State DEP (via the IRF as part of the classification posture code or by phone communications).
- The PAR must be provided to the State within 15 minutes of the classification of the General Emergency or any change in recommended actions.
 - The PAR must be provided to the NRC as soon as possible and within 60 minutes of (1) the classification of the General Emergency or (2) any change in recommended actions.
- e. The DSEO may elect to specify PARs for any combinations of Subzones or the entire EPZ (or beyond) regardless of plant and dose based guidance.
- f. PARs should not be extended based on the results of dose projections unless the postulated release is likely to occur within a short period of time. Plant based PARs are inherently conservative such that expanding the evacuation zone as an added precaution would result in a greater risk from the evacuation than from the radiological consequences of a release. It also would dilute the effectiveness of the offsite resources used to accommodate the evacuation.
- g. Many assumptions exist in dose assessment calculations, involving both source term and meteorological factors, which make computer predictions over long distances highly questionable. In the event dose assessment results indicate the need to recommend actions beyond the outer EPZ boundaries (past 10 miles), field monitoring teams will be dispatched to downwind areas to verify the calculated exposure rates prior to issuing PARs outside the EPZ.

2. INSTRUCTIONS

2.1 Event Classification Based on EAL Tables

2.1.1 IF sufficient cause exists for classifying an emergency event, perform the following:

- a. Analyze available information and develop a general understanding of events in progress.
- b. Assign staff to collect and track information.
- c. IF necessary, request additional assistance to support assessment of indications.

2.1.2 Determine whether a classifiable emergency exists as follows:

- a. Review the applicable unit EAL tables:
 - EPI-FAP06-001, "Millstone Unit 1 EAL Table"
 - EPI-FAP06-002, "Millstone Unit 2 EAL Table"
 - EPI-FAP06-003, "Millstone Unit 3 EAL Table"

NOTE

If an applicable category (column) is not found, the most applicable definition from the classification column should be utilized.

Attachment 5 describes offsite response and actions for each classification State Posture Code.

- b. Search the EAL table for applicable accident category (column) and review the possible initiating conditions from most to least severe (top to bottom).
- c. Review the remainder of the EAL table for other possible classification initiating conditions.
- d. IF the event involves an unplanned release, Refer To Attachment 3, "OU1-Determination Criteria," to determine the classification and notification requirements as appropriate.
 - 1) Notify the Unit Chemistry Supervisor to provide assistance in determining the magnitude of the release for OU1 determinations.
 - 2) Evaluate the magnitude of the release.
 - 3) IF a release has exceeded the specified limits, Go To step 2.1.2.e.

- e. Declare the emergency and record the classification decision and declaration time in the logbook.
- IF two or more initiating conditions are met within a single classification level, declare the emergency based on the EAL which appears most limiting to the personnel or plant safety.
 - IF two or more initiating conditions are met for several classification levels, declare the emergency based on the EAL for the highest classification level that applies.

NOTE

If a higher classification level is reached before SERO and Offsite notifications have been performed, the lower classification notification is halted and notification for the higher classification is then made.

- f. Direct the Shift Technician to Refer To EPI-FAP07, "Notifications and Communications," and initiate notifications, as appropriate.
- g. IF the event is classified as Unusual Event or higher, Refer To the following checklists and perform the applicable steps for the event in progress .
- 1) EPI-FAP01-001, "Control Room Director of Station Emergency Operations (CR-DSEO)"
 - 2) EPI-FAP04-001, "Director of Station Emergency Operations (DSEO)"
- 2.1.3 IF the event has been evaluated and is not addressed by the Emergency Action Level tables, Go To RAC 14, "Non-Emergency Station Events. "

| ②

| ①

2.2 Transitory Events

2.2.1 IF the currently declared event has abated to a lower classification level or the situation has been resolved prior to completion of off-site notifications:

- a. For Unusual Event level emergencies:
 - 1) Complete the initial notifications of SERO, State and NRC personnel noting that the initiating conditions no longer exist on the call-in message and notification forms.
 - 2) Terminate the emergency and enter into Recovery (Section 2.3).
- b. For Alert and higher level emergencies:
 - 1) Complete the initial notifications of SERO, State and NRC personnel noting that the initiating conditions no longer exist on the call-in message and notification forms.
 - 2) IF applicable, maintain the classification level until all facility activation activities are completed.
 - 3) Terminate the emergency and enter into Recovery (Section 2.3).

NOTE

Event declarations are used to initiate notification processes and predefined response activities. Once an emergency has been declared, there is little to be gained from downgrading the classification level. Termination of the emergency and entry into Recovery is preferred over downgrading whenever possible.

2.2.2 IF an emergency declaration is found to be too conservative, it can be:

- a. Reclassified at the appropriate classification level once the immediate actions (onsite and offsite) have been conducted or controlled.
- b. Terminated into Recovery to initiate follow-up activities.

2.3 Emergency Termination and Transition to Recovery

Termination of the emergency and entry into Recovery enables the on-site and off-site response organizations to disband or reduce their staff and begin the process of returning to a normal mode of operation. Termination also signifies that the safety of the public, company employees and the plant is no longer jeopardized.

2.3.1 IF entering Recovery from an Unusual Event, determine the need for a Recovery Plan and support organization.

- a. Generally, the activities following an Unusual Event will not require the formation of a Recovery Organization or a transition period prior to event termination and entry into Recovery.
- b. Go To EPI-FAP14, "Recovery," for further guidance on the generation of required reports.

2.3.2 IF entering Recovery from an ALERT or higher classification level, complete EPI-FAP06-004, "Termination Checklist."

- a. If conditions will allow for the termination of the emergency and entry into Recovery, Go To EPI-FAP14, "Recovery."
- b. IF conditions do not support termination of the emergency and entry into Recovery, continue following the guidance provided in Section 2.1.

2.4 Plant Based Protective Action Recommendations (PARs)

- 2.4.1 Refer To EPI-FAP06-005, "Control Room Protective Action Recommendations" or EPI-FAP06-006, "EOF Protective Action Recommendations." to determine the proper PAR.
- 2.4.2 Evacuation of a 5 mile radius and 10 miles downwind (with sheltering of all other Subzones) will be recommended for plant conditions in which:
- a. All three fission product barriers have been lost.
 - b. Containment Radiation Monitors reading:
 - 1) >19,000 R/Hr for Unit 2.
 - 2) >30,000 R/Hr for Unit 3.
 - c. EPA PAGs (≥ 1 Rem TEDE or ≥ 5 Rem CDE thyroid) are or are suspected to be exceeded beyond 5 miles.
- 2.4.3 Evacuation of a 5 mile radius and 10 miles downwind (with sheltering of all other Subzones) will be recommended for a General Emergency - Alpha declaration.
- 2.4.4 At a minimum, evacuation of a 2 mile radius and sheltering of all other Subzones will be recommended for a General Emergency - Bravo declaration.
- 2.4.5 IF a release is in progress:
- a. Perform offsite dose assessment as soon as possible to determine if PAGs are exceeded and if additional Subzones require evacuation.
 - b. Add any Subzones requiring evacuation as determined by dose assessment to the plant based PARs.
- 2.4.6 IF no release is in progress:
- a. Perform offsite dose projections on possible conditions as time permits to determine if PAGs could be exceeded.
 - b. Consider adding any Subzones requiring evacuation as determined by dose projection to the plant based PARs.

2.5 Dose Assessment Based Protective Action Recommendations (PARs)

NOTE:

Dose projections are not required to support the decision process in EPI-FAP06-005, "Control Room PARs" or EPI-FAP06-006, "EOF PARs."

- 2.5.1 From the Control Room: If a release is in progress and time permits, perform offsite dose assessment in accordance with EPI-FAP10 to determine whether the plant based protective actions are adequate.
- 2.5.2 From the Emergency Operations Facility: Conduct offsite dose assessment in accordance with EPI-FAP10 to determine whether the plant based protective actions are adequate.
- 2.5.3 In the event dose assessment results indicate the need to recommend actions beyond the outer EPZ boundaries, that is past 10 miles:
 - a. Dispatch RMTs to downwind areas to verify the calculated exposure rates prior to issuing PARs outside the EPZ.
 - b. Many assumptions exist in dose assessment calculations, involving both source term and meteorological factors, which make computer predictions over long distances highly questionable.
- 2.5.4 The ADEOF and the MRDA shall discuss dose assessment and projection analysis results and evaluate their applicability prior to issuing PARs to the State if possible.

3. SUMMARY OF CHANGES

3.1 **Revision 000-02**

3.1.1 Added the word "checklist" on page 6 step 2.1.2.g.

3.1.2 Added the definition of "Lead Unit" to Attachment 1.

3.1.3 Corrected route numbers in Attachment 4.

3.2 **Revision 000-01**

3.2.1 Procedure EPIP 4400A, "Non-Emergency Station Events," was converted to RAC 14, "Non-Emergency Station Events."

3.3 **Revision 000**

3.3.1 Original issue

Attachment 1

Definitions and Abbreviations

(Sheet 1 of 1)

Definitions

Event Category - A list of plant or other conditions used to organize the columns of the EAL tables (i.e. Loss of Power, Equipment Failure, Radiation Hazard, etc.)

Lead Unit - The unit which assumes classification responsibilities for reportable events. The lead unit may be any of the following:

- In unit specific events, the affected unit
- For non-unit specific events Unit 3 is the lead unit, unless otherwise designated .
- In situations involving multiple events, the unit experiencing the most severe event has the lead.
- A non-affected unit may be requested to assume the lead by the affected unit (e.g., loss of control room habitability).

Release in Progress - ANY radioactive release which is a result of, or associated with, the emergency event.

Significant Transient - Includes response to automatic or manually initiated functions such as trips, runbacks involving greater than 25% thermal power changes, ECCS injections, or thermal power oscillations of 10% or greater.

Transient - A condition that is:

- Beyond the expected steady-state fluctuations in temperature, pressure, power level or water level.
- Beyond the normal manipulations of the Control Room operating crew.
- Expected to require actuation of fast-acting automatic control or protection systems to bring the reactor to a new safe, steady state condition.

Abbreviations

EAL - Emergency Action Level

PAR - Protective Action Recommendation

Attachment 2 Responsibilities

(Sheet 1 of 1)

1. The Shift Manager/CRDSEO is responsible for assessing and classifying events and making PARs until relieved by the DSEO in the EOF.

Attachment 3

OU1-Determination Criteria

(Sheet 1 of 1)

Initiating Condition 1

Any airborne radioactive release that, when averaged over a period of 1 hour, results in concentrations in unrestricted areas that exceed 2 times the applicable concentration limits specified in 10 CFR 20 part 20.1-20.601, Appendix B or Table II, Column 1.*

Initiating Condition 2

Any liquid effluent release that when averaged over a time of 1 hour, exceeds 2 times the applicable concentration specified in Part 20 Appendix B Table 2 Column 2 at the point of entry into the receiving waters, (i.e., unrestricted area) for all radionuclides except tritium and dissolved noble gases.*

* Millstone uses the 1/1/92 version of 10 CFR 20 for radiological effluents.

Attachment 4 PAR Zone Descriptions

(Sheet 1 of 1)

Zone	Town	Area
A	Waterford	The western and southern boundaries follow the Niantic River out to the shoreline along the Long Island Sound. The eastern boundary follows the town line up to Route 1. The northern boundary follows Route 1 to the northern end of the Niantic River to the intersection of the town line.
	East Lyme	The eastern and southern boundaries follow the Niantic River out to the shoreline along the Long Island Sound. The western boundary follows the Lyme Town Line (Fourmile River) up to Interstate 95. The northern boundary follows Interstate 95 to interchange #75 (Route 1 exit) and then follows Route 1 to the intersection with the Waterford town line.
B	East Lyme	The southern boundary begins at the intersection of Interstate 95 and the Lyme town line. It follows Interstate 95 to interchange #75 (Route 1 exit). The northern boundary follows Route 1 to the intersection with the Lyme town line. The western boundary follows the Lyme town line to where it intersects with Interstate 95.
	Waterford	The southern boundary begins at the intersection of Route 1 and the town line of East Lyme at the northern end of the Niantic River. It then follows Route 1 to the New London town line. The eastern boundary follows the town line to Route 95. The northern boundary follows Route 95 to 85, along Route 85 to the intersection of Route 395, and then along Route 395 to the west town line. The western boundary follows the East Lyme town line down to where it intersects Route 1 at the north end of the Niantic River.
	New London	All of New London is contained in this Subzone.
C	East Lyme	The southern boundary follows Route 1 from the town line to Route 95 and Route 95 to the east town line. The eastern boundary follows the town line. The northern boundary follows the town line. The western boundary follows the town line down to Route 1.
	Waterford	The southern boundary follows Route 395 from the town line to the intersection of Route 85, Route 85 to Route 95, then along Route 95 to the town line. The eastern boundary follows the Thames River to the town line. The northern boundary follows the town line. The western boundary follows the town line to Route 395.
	Montville	The southern boundary follows the town line. The eastern boundary follows the waterline through Horton Cove to Route 32. The northern boundary follows Route 32 to Raymond Hill Road, Raymond Hill Road to Route 395, Route 395 to Route 163, Route 163 to Chesterfield Road, Chesterfield Road (including Oakdale Heights) to Route 85, Route 85 to the Salem town line, and the Salem town line to the East Lyme town line. The western town line follows the town line from East Lyme to Waterford.
D	Old Lyme	All of Old Lyme is contained in this Subzone.
	Lyme	The southern boundary follows the town line from Route 156. The eastern boundary follows the town line to Beaver Brook Road. The northern boundary follows Beaver Brook Road to the intersection of Route 156. The western boundary follows Route 156 to the town line.
E	Ledyard	The southern boundary follows the town line from the Thames River to Route 117. The eastern and northern boundaries follow Route 117 to Sandy Hollow Road, Sandy Hollow Road to Whalehead Road, Whalehead Road to the southern leg of the Tom Allyn Brook, and the Tom Allyn Brook to the Thames River. The western boundary follows the Thames River from the pond inlet north of Allyn Point down to the town line.
	Groton	All of Groton is contained in this Subzone.
F	Fishers Is.	All of Fishers Island is contained in this Subzone.
N/A	Plum Is.	All of Plum Island is contained in this Subzone.

Attachment 5
State and Local Posture Code Response and Protective Actions

(Sheet 1 of 1)

Unusual Event

Delta 1: Unusual occurrence with no unplanned release of radioactivity.

Offsite officials will make no public protective actions.

Delta 2: Unusual occurrence with an unplanned release of minute amounts of radioactivity.

Possible stand-by for key staff. Offsite officials will make no public protective actions.

Alert

Charlie 1: Actual or potential release of minute amounts of radioactivity.

Key staff on stand-by. Optional activation of the EOCs. Bring EAS to stand-by status. Consideration given to monitoring food, water, and milk pathways.

Site Area Emergency

Charlie 2: Actual or potential release of limited amounts of radioactivity.

Activation of the EOC. Coordinate activation of EAS and offsite sirens. Monitor food, water, and milk pathways. Consideration given to placing milk animals on stored feed.

General Emergency

Bravo: Events with a potential delayed release of relatively large amounts of radioactivity such as station blackout or loss of Control Room security.

Activation of the EOC (if not already done). Coordinate activation of EAS and offsite sirens. Evacuation of Zone 'A'. Shelter all other Zones. Control food, water, and milk.

Alpha: Actual or potential release of large amounts of radioactivity. Actual or potential breach in containment.

Activation of the EOC (if not already done). Coordinate activation of EAS and offsite sirens. Evacuation of Zones 'A' and 'B'. Shelter all other Zones. Assess the need to evacuate additional Zones. Control food, water, and milk.

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 11

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP06-005, "Control Room Protective Action Recommendations"
Major Revision 0, Minor Revision 1

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020306 - 101438

Initiated By: Tom Gilbert Date 3/6/02 Department: EPD Ext.: 3465

Document No.: MP-26-EPI-FAP06-005 Rev. No.: 000 Minor Rev.: 01

Title: Control Room Protective Action Recommendations

For New Documents only → QA RI Title

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Feedback from LORT. Assignment 01007179-02
Add '142ft level' to section A, #2A
Add 'from' in section B #1 table

Continued

Select one (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

Intent Change (SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 att 3

Edit Corr.:

Non-Intent Change
(Only SQR Independent Review and Env. screen Required)

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GDL01 for guidance

TPC OTC Place in VOID

Reviews continued <input type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		
RCD	<input checked="" type="checkbox"/> Tom Gilbert	<i>[Signature]</i>	3/7/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
SD-SYQ	<input checked="" type="checkbox"/> Tom Gilbert	<i>[Signature]</i>	3/7/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Env Screen	<input checked="" type="checkbox"/> Tom Gilbert	<i>[Signature]</i>	3/7/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis	<input type="checkbox"/>						
Tech Independent	<input checked="" type="checkbox"/> KR Burgess	<i>[Signature]</i>	3/7/02			EPD	✓

An NRRL Update Required YES

1. SQR Program Final Review and Approval

Approval Disapproval

Thomas Reyes / 3-7-02
SQR Qualified Independent Reviewer / Date
Paul G. [Signature]
Dept Head / Responsible Individual
3/8/02
Approval Date

2 Final Review and Approval

SORC

R/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

Effective Date: 3/13/02

3/8/02

Approval Date

3/13/02

Effective Date

Control Room Protective Action Recommendations

NOTE

The State must be notified within 15 minutes after a decision is made to issue or update PARs. Prior to State EOC activation:

- If a General Emergency BRAVO is declared, State officials automatically implement a PAR to evacuate a 2 mile radius. The Incident Report Form serves as PAR notification in this instance.
- If a General Emergency ALPHA is declared with actions only necessary out to 5 miles, State officials automatically implement a PAR to evacuate a 5 mile radius. The Incident Report Form serves as PAR notification in this instance.
- If a General Emergency ALPHA is declared with actions necessary out to 10 miles, PARs are verbally transmitted to the 24 hour DEP Dispatcher in Hartford.

Section A: Evaluating Protective Action Recommendations (PARs)

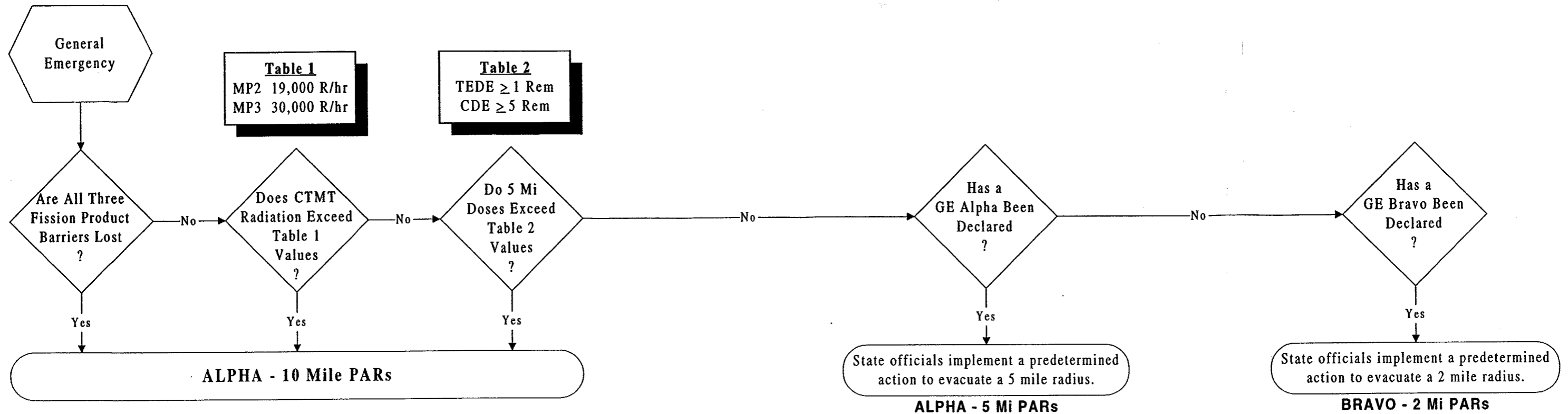
1. Refer To Section B, "CR PAR Process Flowchart" and determine the appropriate PAR.
2. IF PARs are warranted out to ten miles, perform the following:
 - a) Record the current wind direction in degrees (**from 142 ft level**): _____ ①
 - b) Check the appropriate row on the PAR table.
3. Perform PAR notification as follows:
 - a) IF conditions **do not** warrant PARs out to 10 miles, transmit the Incident Report Form to serve as notification of necessary PARs.
 - b) IF conditions **do** warrant PARs out to 10 miles, verbally transmit PARs to the DEP Dispatcher in Hartford as follows:
 - (1) Contact the DEP Dispatcher in Hartford (number is in EPA-REF08B). ①
 - (2) Identify yourself and read the applicable EVACUATE and SHELTER recommendations from Section B, "ALPHA - 10 Mile PARs."
 - (3) Request the dispatcher inform the DEP Duty Officer that a PAR has been issued.
 - (4) Log the date and time of notification.

NOTE

The DEP Duty Officer will call back to verify the PAR and obtain additional information relative to public safety.

3. IF necessary, Refer To and review EPI-FAP06 Att 4, "PAR Zone Descriptions."

Section B: Control Room PAR Process Flowchart



1. EVACUATE THE FOLLOWING ZONES

✓	Wind From	Zones to Evacuate
	030°-051°	A and B
	052°-088°	A and B and Old Lyme in D
	089°-093°	A and B and D
	094°-138°	A and B and D and East Lyme in C
	139°-154°	A and B and C and Lyme in D
	155°-177°	A and B and C
	178°-186°	A and B and Montville and Waterford in C
	187°-193°	A and B and Montville and Waterford in C and Ledyard in E
	194°-218°	A and B and E and Montville and Waterford in C
	219°-229°	A and B and E and Waterford in C
	230°-244°	A and B and E
	245°-257°	A and B and Groton City & Town in E
	258°-286°	A and B and F and Groton City & town in E
	287°-316°	A and B and F
	317°-339°	A and B
	340°-029°	A and B and Plum Island

2. SHELTER ALL OTHER ZONES

①

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 12

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)

MP-26-EPI-FAP15-001, "DSEO/ADTS Briefing Sheet"

Major Revision 0, Minor Revision 2



Document Action Request

SPG # 020305-100408

A

Initiated By: Tom Rigney Date: 03/03/2002 Department EP Ext 6586
 Document No: MP-26-EPI-FAP15-001 Rev. No: 000 Minor Rev No. 02
 Title: **DSEO/ADTS Briefing Form**

B

For New Documents only → QA RI Title

Reason for Request (attach commitments, CR's, AR's, OEs etc)

Feedback comments from LORT need to be incorporated into procedure
 (AR 01007179/CR-01-09883)

Select One if performing a change See MP-05-DC-SAP01 sect 2.3 to determine type of change

Continued

C

Intent Change (SQR Independent, RCD, ENV Screen Required) Edit Corr Non-Intent Change
 (Other reviews may be required. See MP-05-DC-FAP 01.1 Att 3) (Only Tech IR, SQR IR and Env. signature Required)

D

Editorial Correction Approval

TPC Interim Approval

 Plant Mngt Staff Member - Approval / Date

(1) Plant Mngt Staff Member Print/Sign/Date

(2) SM/SRO/CFH on Unit Print/Sign/Date

E

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later - See Comments

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure
See DC-GD101 for guidance
 TPC OTC Place in Void

F

Reviews continued <input type="checkbox"/>	Print	Sign	Date	SQR Qualified			If Comments
				Yes	No	Dept.	
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
50.540 <input checked="" type="checkbox"/>	<u>TOM RIGNEY</u>	<u>Tom Rigney</u>	<u>3/5/02</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>EPD</u>	<input type="checkbox"/>
Env Screen <input checked="" type="checkbox"/>	<u>TOM RIGNEY</u>	<u>Tom Rigney</u>	<u>3/5/02</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>EPD</u>	<input type="checkbox"/>
Licensing Basis <input type="checkbox"/>							<input type="checkbox"/>
Tech Independent <input checked="" type="checkbox"/>	<u>Kathleen Burgess</u>	<u>Kathleen Burgess</u>	<u>3/6/02</u>	<input checked="" type="checkbox"/>		<u>EPD</u>	<input type="checkbox"/>

G

An NRRL update was required? Yes

H

1. SQR Program Final Review and Approval
 Approval Disapproval
for [Signature] 13/6/02
 SQR Qualified Independent Reviewer / Date
Chris A. [Signature]
 Department Head/Responsible Individual
3/6/02
 Approval Date

SORC Final review and Approval
 RI/DH (Ref Mans.GD1's Handbook)
 DH/RI Sign _____
 Meeting No. _____
 SORC Signature _____ DH / RI Signature _____
 Approval Date _____

I

Effective Date 3/11/02

3/6/02
Approval Date

3/11/02
Effective Date

DSEO/ADTS Briefing Sheet

1) Classification

Time Declared: _____

EAL No: _____

General Emergency Alpha Bravo

Site Area Emergency (Charlie-Two)

Alert (Charlie-One)

Basis: _____

2) Fission Product Barrier Status

FUEL RCS CTMT

Intact:

Potential Loss:

Loss:

3) Onsite Protective Actions

None

Early Dismissal: No Yes

Local (on-site) Area(s) Evacuated: No Yes

Evacuation/Accountability: No Yes
Status: _____

Search & Rescue: No Yes
Status: _____

Potassium Iodide Issued: No Yes

4) Personnel Status

None

Injuries (No. _____): No Yes

Contamination(s): No Yes

Over Exposure(s): No Yes

Emerg Exposures Authorized: No Yes

Details (names of injured, status of family notification):

5) Unit Status

On-Line At Power: _____ %

Off-Line Cooling Down

Cold Shutdown

Time of Rx Shutdown: _____

Stable Degrading Improving

Systems/Equipment Affected: _____

Equipment Out of Service: _____

Teams Dispatched/Corr Actions/Priorities: _____

Outstanding Actions: _____

EOPs in Use: _____

Security Controls in Effect: _____

§50.54(x) Invoked: No Yes

Time NRC Notified: _____

①

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 13

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Administrative (EPA) Functional Administrative Procedure (FAP)
MP-26-EPA-FAP01, "Management Program for Maintaining Emergency Preparedness"
Revision 0

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020213-113959

A

Initiated By: ^{2/21/02} ~~Paul Blasioli~~ Patti Luckey Date 2/13/02 Department: EPD Ext.: ^{2/22/02} ~~8447~~ 5474

Document No.: MP-26-EPA-FAP01 Rev. No.: 000 Minor 00

Title: Management Program for Maintaining Emergency Preparedness

For New Documents only → QA RI Title Manager, EPD

B

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Upgrade to support MP-26-MMM program
Includes MP-26-EPA-FAP01-001 and EPA-FAP01-002

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

C

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-FAP 01.1 at 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

D

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

E

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure

See DC-GDL01 for guidance

TPC OTC Place in VOID

F

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			Comments
				Yes	No	Dept.	
50.54 g	<input checked="" type="checkbox"/>	Patti Luckey		<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	
Environmental	<input checked="" type="checkbox"/>	Kathleen Burgess	2/22/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD	<input checked="" type="checkbox"/>	Kathleen Burgess	2/22/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis	<input type="checkbox"/>						
Tech Independent	<input checked="" type="checkbox"/>	Paul Blasioli	2/22/02			EPD	

G

An NRRL Update Required YES

H

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 2/25/02
SQR Qualified Independent Reviewer / Date

Paul A. Blasioli
Dept Head / Responsible Individual

2/25/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign

Meeting No

SORC Signature

DH / RI Signature

Approval Date

I

Effective Date: 2/28/02

Document Action Request Continuation Page

SPG# 020213-113959

Initiated By: Paul Blasioli Date: 2/13/02 Department: EPD Ext.: 0417

Document No.: MP-26-EPA-FAP01 Rev. No.: 000 Minor Rev. 00

Title: Management Program for Maintaining Emergency Preparedness

Section B

Section F

Reviews continued	Print	Sign	Date	SQR Qualified			✓ If Comments
				Yes	No	Dept.	
Validation <input checked="" type="checkbox"/>	Steve Mazzola	<i>[Signature]</i>	2/22/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	✓
Writer's Guide <input checked="" type="checkbox"/>	M. McGuire	<i>[Signature]</i>	2/22/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DA-P6	✓
<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		

**Functional
Administrative
Procedure**



Millstone Station

**Management Program for Maintaining Emergency
Preparedness**

MP-26-EPA-FAP01

Rev. 000

Approval Date: 2/2⁶/02 ^{pol}

Effective Date: 2/28/02



TABLE OF CONTENTS

1. PURPOSE 3

 1.1 Objective..... 3

 1.2 Applicability 3

 1.3 Supporting Documents 3

 1.4 Discussion 4

2. INSTRUCTIONS 5

 2.1 Responsibilities of the Manager, Emergency Preparedness Department (EPD) for
 Maintaining Emergency Preparedness..... 5

 2.2 Responsibilities of the Supervisor, Emergency Preparedness Department (EPD), for
 Maintaining Emergency Preparedness..... 6

 2.3 Responsibilities of the Emergency Preparedness Specialists for Maintaining Emergency
 Preparedness 7

 2.4 SERO Position Owner Actions for Maintaining Emergency Preparedness 8

 2.5 Station Management Actions for Maintaining Emergency Preparedness 9

 2.6 SERO Personnel 11

 2.7 On-Call Positions 13

 2.8 Subject to Call Positions..... 16

 2.9 On-Shift Positions 17

 2.10 SERO Assembly Areas..... 18

 2.11 Drills and Exercises..... 19

 2.12 Emergency Response Facilities (ERFs) and Equipment 21

 2.13 Severe Accident Management..... 22

3. SUMMARY OF CHANGES 23

 3.1 Revision 000..... 23

ATTACHMENTS AND FORMS

 Attachment 1 Emergency Preparedness Abbreviations and Definitions..... 24

 Attachment 2 Summary of Department Responsibilities for Facilities, Equipment, and
 Material Maintenance 25

 Attachment 3 Documentation of Testing of Dose Assessment Computer..... 29

 Attachment 4 SERO Qualifications and Reporting Location (3)..... 30

 Attachment 5 Roles and Responsibilities For Emergency Preparedness Dose Assessment ... 38

 Attachment 6 Radiological Dose Assessment Committee..... 40

 MP-26-EPA-FAP01-001, "SERO Removal Form"

 MP-26-EPA-FAP01-002, "Unit Event Backup Codes"

1. PURPOSE

1.1 Objective

This procedure describes sources of information, responsibilities, organization, and actions necessary to maintain the Millstone Station Emergency Plan.

1.2 Applicability

This procedure is applicable to Station Emergency Response Organization (SERO) Position Owners, Station Management, SERO station personnel, and Emergency Preparedness Department (EPD) individuals who support/administer the Millstone Station Emergency Plan.

1.3 Supporting Documents

- 1.3.1 TQ 1, "Personnel Qualification and Training"
- 1.3.2 NTP 7.212, "Training Program Description"
- 1.3.3 RPM 4.8.5, "Emergency Radiological Equipment Maintenance and Inspection."
- 1.3.4 OA 8, "Ownership, Maintenance, and Housekeeping of Site Buildings and Facilities and Equipment"
- 1.3.5 QAP, MP-02-OST-BAP01, "Quality Assurance Program Topical Report"
- 1.3.6 MP-05-DC-SAP01, "Administration of Manuals, Procedures, Guidelines, Handbooks, and Forms"
- 1.3.7 MP-26-EPA-REF04, "Offsite Programs"
- 1.3.8 Developmental Documents
 - a. Millstone Station Emergency Plan
 - b. NUREG-0654, Revision 1, "Criteria for Preparation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"
 - c. NUREG-0737, "Clarification of TMI Action Plan Requirements, Supplement 1, Requirements for Emergency Response Capability"
 - d. MP-28-MET-PRG, "Meteorological Monitoring"
 - e. EP 6-year objective schedule
 - f. SERO Training Qualification Record (TQR)

1.4 Discussion

MP-26-EPA-FAP01, "Management Program for Maintaining Emergency Preparedness," provides instructions and information for the Station Emergency Response Organization (SERO). The roles and responsibilities for the Emergency Preparedness Department (EPD) are defined. SERO position owners and station management actions are specified to ensure an effective SERO is maintained. The procedure also establishes the method for adding and removing individuals from SERO. Clarification and instructions are provided for SERO on-call, subject to call and on shift position requirements.

Additional personnel may be required to support the SERO in an emergency. These personnel are integrated into the organization as required by SERO Position Owners.

Station personnel may also be required to participate in station evacuation drills. Advance notification will be provided via station information notices.

Department requirements for drills, exercises, and maintaining emergency response facilities (ERFs) are discussed.

2. INSTRUCTIONS

2.1 **Responsibilities of the Manager, Emergency Preparedness (EP) Department for Maintaining Emergency Preparedness**

The Manager, EPD, has overall responsibility for the Nuclear Emergency Preparedness Program and is the Chair of the Emergency Preparedness Curriculum Advisory Committee. Responsibilities are defined below and in the Millstone Station Emergency Plan.

- 2.1.1 Ensure the maintenance and readiness of the on-site emergency response facilities and equipment.
- 2.1.2 Maintain the Station Emergency Plan and implementing procedures.
- 2.1.3 Prepare and conduct Emergency Preparedness drills and exercises.
- 2.1.4 Ensure training of offsite emergency response personnel.
- 2.1.5 Review the development of Emergency Preparedness training curriculum.
- 2.1.6 Assist station management to ensure effective Millstone Station Emergency Plan implementation.
- 2.1.7 Collect and review additional EP-related information such as severe accident management research, NRC regulations, and industry research for incorporation into the EP Program.
- 2.1.8 Coordinate with offsite agencies and local officials to ensure the offsite Emergency Preparedness Program is maintained and areas of responsibility are effectively carried out.
- 2.1.9 Coordinate license, state and local emergency plans and procedures.
- 2.1.10 Ensure station personnel correct identified emergency preparedness conditions adverse to quality and areas for improvement.

2.2 Responsibilities of the Supervisor, Emergency Preparedness (EP), for Maintaining Emergency Preparedness

- 2.2.1 Respond to emergency preparedness audits and evaluations.
- 2.2.2 Implement SERO on-call schedules.
- 2.2.3 Assign personnel to develop and conduct station emergency preparedness drills and exercises.
- 2.2.4 Ensure biennial review of station procedures in accordance with the QAP, MP-02-OST-BAP01, "Quality Assurance Program Topical Report," and MP-05-DC-SAP01, "Administration of Manuals, Procedures, Guidelines, Handbooks, and Forms," and review additional changes for impact on the Millstone Station Emergency Plan.
- 2.2.5 Coordinate the development and distribution of emergency preparedness documents.
- 2.2.6 Establish SERO Position Owners and reference in Attachment 4, "SERO Qualification and Reporting Location (3)."
- 2.2.7 Routinely provide SERO qualification status to SERO Position Owners.
- 2.2.8 Routinely provide a list of personal information on SERO to SERO Position Owners for verification.
- 2.2.9 Review the development of emergency preparedness training curriculum.
- 2.2.10 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and ensure responsible position owners maintain emergency response in a state of readiness at all times.
- 2.2.11 Refer To Training Qualification Record (TQR) for each specific position, and coordinate completion of qualifications for each new SERO member.
- 2.2.12 Maintain Millstone Station Emergency Plan in accordance with regulatory requirements.
- 2.2.13 Refer To Attachment 5, "Roles and Responsibilities for Emergency Preparedness Dose Assessment," and ensure responsibilities are carried out.
- 2.2.14 Ensure training of offsite emergency response personnel.
- 2.2.15 Coordinate with offsite agencies and local officials in accordance with MP-26-EPA-REF04, "Offsite Programs," to ensure the offsite Emergency Preparedness Program is maintained and areas of responsibility are effectively carried out.

2.3 Responsibilities of the Emergency Preparedness Specialists for Maintaining Emergency Preparedness

- 2.3.1 Develop and conduct the station emergency preparedness drills and exercises.
- 2.3.2 Biennially review the Emergency Plan Implementing procedures for changes and revise.
- 2.3.3 Annually identify changes to the Millstone Station Emergency Plan and revise.
- 2.3.4 Develop SERO staffing qualification reports.
- 2.3.5 Maintain the SERO database.
- 2.3.6 Provide technical review of Emergency Preparedness Training lesson material.
- 2.3.7 Perform emergency preparedness facility surveillances to ensure Emergency Response Facility (ERF) readiness.
- 2.3.8 Prepare drill participant comment responses following comment resolution and coordinate the issuance of responses to both onsite and offsite organizations.
- 2.3.9 Conduct training of offsite emergency response personnel.
- 2.3.10 Refer To MP-26-EPA-REF04, "Offsite Programs," and coordinate with offsite agencies and local officials to ensure the offsite Emergency Preparedness Program is carried out.

2.4 SERO Position Owner Actions for Maintaining Emergency Preparedness

NOTE

Minimum staffing is two persons in any position in order to support extended event periods with at least two shifts (12 hours each). It is recommended that for on-call and subject-to-call positions, a fifth individual be qualified to quickly fill any unexpected team vacancies.

SERO Position Owners

- 2.4.1 Maintain a "4 team" rotation for SERO duty (i.e., red, white, blue, gold).
- 2.4.2 IF vacancies exist, ensure weekly rotation coverage is provided by remaining position holders during reduced staffing periods, and perform the following:
 - a. Coordinate with the following to fill existing or potential vacancies:
 - Team DSEO
 - Emergency Preparedness Department
 - EP Training
- 2.4.3 WHEN choosing a new SERO position holder, consider the following:
 - a. Review normal position/title against the associated emergency position.
 - b. Ensure potential candidate has additional prerequisite knowledge/skills for the position.
 - c. Determine if "upper" management is required to fill the position (i.e., VP, Director, Manager).
 - d. IF position requires plant/system knowledge (ADTS, TIC, CRDC), determine if SRO license/certification (past or present) is required.
- 2.4.4 Refer To the SERO TQRs and initiate the position specific TQR.
- 2.4.5 Ensure adequate station support is provided for emergency preparedness functions (i.e., drill support, controller, exercise development, etc.).
- 2.4.6 To initiate removal of SERO personnel, Refer To and complete MP-26-EPA-FAP01-001, "SERO Removal Form,"
- 2.4.7 Refer to Attachment 4, "SERO Qualifications and Reporting Location," and review for assigned SERO position owners.

2.5 Station Management Actions for Maintaining Emergency Preparedness

Directors

- 2.5.1 Ensure personnel are provided to support emergency preparedness activities.
- 2.5.2 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and provide a point of contact to the Manager, EPD, for listed organizations.

Managers and Supervisors

- 2.5.3 Ensure personnel within reporting chain who are assigned to SERO maintain their SERO qualifications.
- 2.5.4 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and perform the following:
 - a. Assign personnel to perform applicable SERO functions as requested.
 - b. Verify actions are scheduled and documented as complete via one of the following:
 - AITTS
 - PMMS
 - Automated work order
 - Completion of inventory from RPM 4.8.5, "Emergency Radiological Equipment Maintenance and Inspection." (copy to EPD)
 - c. At least once each quarter and after each use, verify emergency equipment and instruments are operationally available.
 - d. Prior to conducting work in the Emergency Response Facility, notify the Emergency Preparedness Department and the Unit 3 Control Room.
- 2.5.5 Ensure personnel are briefed on extent of drill participation.

NOTE

A SERO vacancy could occur when an individual leaves the company, training qualifications lapse, or an individual is unable to meet the requirements of the position.

- 2.5.6 IF a SERO vacancy occurs, notify the following:
 - SERO Position Owner
 - Manager, EP
- 2.5.7 Provide personnel to participate in emergency response scenario development, drills, and exercises.

2.5.8 Maintain SERO on-call independent rotation schedules for the following positions:

- Electricians
- Mechanics
- RMTs
- GES
- I&C Technicians

2.5.9 Refer To MP-26-EPA-FAP01-001, "SERO Removal Form," and complete all information including the following:

- Individual being removed
- Replacement named to fill vacancy
- Approval and concurrences, as appropriate

Team DSEO

2.5.10 Monitor team activities including the following:

- Training attendance and continuing training
- Drill schedules
- Drill and exercise participation

2.5.11 Resolve SERO staffing issues.

NFSA

2.5.12 Refer To Attachment 5, "Roles & Responsibilities for Emergency Preparedness Dose Assessment," and ensure areas of responsibility are performed.

RDAC

2.5.13 Refer To and implement Attachment 6, "Radiological Dose Assessment Committee."

2.6 SERO Personnel

NOTE

If an emergency event occurs, pagers will display the following:

- Affected unit
- NRC classification
- State posture code
- Major EAL heading

*On-Call and
Subject to Call
SERO Members*

2.6.1 Refer To Attachment 4, "SERO Qualifications and Reporting Location," and maintain qualifications and proficiency for initial qualification of emergency response duties as follows:

- Refer To the SERO position specific TQR and complete the required SERO Training.
- Maintain "Fitness for Duty" program requirements.
- Maintain station access required by assigned position.
- Maintain job specific requirements including license or certification, as appropriate.

2.6.2 Maintain qualifications and proficiency for annual requalification by performing one of the following:

NOTE

Exceptions to participation in drills may be made by Team DSEO in consultation with EP Management on a case-by-case basis.

- Perform as the designated responder (not a called-in back-up) in at least one drill annually in accordance with Attachment 4, "SERO Qualifications and Reporting Location."
- Perform as one of the following for related position in at least one drill annually:
 - Designated responder
 - Drill controller
 - Evaluator
 - Position coach or mentor

2.6.3 Refer To Attachment 4, "SERO Qualifications and Reporting Location," and identify reporting location.

2.6.4 IF pager fails to operate properly, obtain a replacement from one of the following:

- During normal working hours, request Manager, EPD, provide replacement pager.
- After normal working hours, request Security Shift Supervisor provide replacement pager from NAP Security Office.

2.6.5 NOTIFY Manager, EPD, of any changes to the following:

- Work extension
- Pager number
- Home phone number
- Employment status

2.6.6 Refer To Attachment 4, "SERO Qualifications and Reporting Location," and NTP 7.212, "Training Program Description," and maintain job specific and SERO qualifications current.

2.7 On-Call Positions

NOTE

Weekly on-call duty assignment turnover will be completed on Tuesday by 10:00 A. M.

On-Call and On-Duty SERO Positions

2.7.1 Perform the following while on-call and on-duty:

- Ensure pagers are on at all times and worn or in the immediate vicinity to be heard.
- Comply with the fitness for duty policies.
- Remain within appropriate plant proximity to ensure facility activation within 60 minutes from pager notification.

NOTE

Once the ERFs are staffed and operational, SERO members shall not call back into the Emergency Notification and Response System (ENRS).

- Promptly acknowledge initial pager activation.
- WHEN indicating your ETA, identify a realistic time to report to your designated ERF based upon your current location.
- IF notification is received of an emergency event AND you are not successful in acknowledging initial pager activation, report directly to designated emergency response facility and dial into ENRS.
- IF you are the designated on-call on-duty responder, report to your facility even if ENRS did not accept you or states that the position has been filled.

2.7.2 IF not available for duty, perform the following:

- a. Contact another qualified individual and transfer duty to the individual, ensuring an understanding of the exact date and time of relief.
- b. IF not able to obtain a replacement, perform the following:
 - During normal working hours, contact SERO Team DSEO.
 - After normal working hours, notify the Unit 3 Control Room Shift Technician.

NOTE

1. For open positions, the caller will be instructed to report. For filled positions, subsequent callers should remain available.
2. Once you have contacted the call-in system and the line is ringing, your call is in the queue. Do not hang up until the call is completed and ENRS instructs you to hang up.
3. If a position is not acknowledged, the ENRS will automatically page and dial the home telephone number of all personnel assigned to a position until the position is filled.
4. You will be asked to enter a realistic ETA. If you cannot report to your ERF within 60 minutes of notification, *do not* accept the position.

On-Call and Not
On-Duty SERO
Positions

2.7.3 IF on-call and *not* on-duty, perform the following:

- a. Ensure pagers are on at all times and worn or in the immediate vicinity to be heard.
- b. IF fit for duty AND within appropriate plant proximity to ensure facility activation within 60 minutes from pager notification, promptly acknowledge initial pager activations.
- c. IF *not* fit for duty and contacted by the MOR, comply with the instructions provided.
- d. IF a real event notification is received (not a test, drill, or exercise), dial the toll-free telephone number and comply with the instructions provided.
 - 1) Enter individual identification (PIN) code.
 - 2) IF position is open, listen to the information and respond appropriately.
 - 3) IF position has been filled, remain available to respond.
 - 4) WHEN calling into ENRS, wait for ENRS instruction. *Do not* hang up.
- e. IF a real event notification is received (not a test, drill, or exercise) AND acknowledgement can *not* be made via telephone, report to assigned emergency response facility.

NOTE

If Unit Event codes are received, the ENRS is not available to provide any information to callers. MP-26-EPA-FAP01-002 provides information on unit event backup codes.

- f. **IF** a unit event code (e.g., ID 101, 201, 301) is received, immediately report to assigned emergency response facility.

2.8 Subject to Call Positions

NOTE

1. Subject to call pager positions are assigned to teams only for training and drill scheduling purposes.
2. The approximate 10 minute wait to acknowledge pager activations is to allow for initial calls by minimum staffing responders to access the system.
3. Once the ERFs are staffed and operational, SERO members shall not call back into the ENRS.

- 2.8.1 IF fit for duty AND able to respond to your reporting location, acknowledge initial pager activations after waiting approximately 10 minutes.

NOTE

1. Subject to call position holders are expected to staff their position as soon as possible.
2. If a position is vacant, the DSEO may elect to fill the position by appointment until a fully qualified individual is available.

- 2.8.2 IF *not* fit for duty and contacted by the MOR, comply with the instructions provided.

NOTE

For open positions, the caller will be instructed to report. For filled positions, subsequent callers will be informed that the position is filled. SERO members should remain available.

- 2.8.3 Using SERO call-in card, dial the toll-free telephone number and comply with the instructions provided.

2.9 On-Shift Positions

2.9.1 Refer To Attachment 4, "SERO Qualifications and Reporting Location (3)," and identify reporting location.

*Shift Technician
and Station Duty
Officer*

2.9.2 WHEN notified of an Unusual Event or higher, report to affected unit control room.

*All On-shift
SERO Positions*

2.9.3 WHEN notified of an Alert, Site Area Emergency, or General Emergency, report to the designated reporting location.

2.10 SERO Assembly Areas

2.10.1 IF an Alert or higher classification has been declared during normal business hours, perform the following:

- IF on-call AND on duty, report to your designated Emergency Response Facility.
- IF on-shift AND *not* on duty (i.e., off-duty ROs, COs, PEOs, etc.), report to the OSC Assembly Area (AA) in Bldg 475 cafeteria.
- On-call and not on duty
 - IF response is within the Protected Area (PA) (i.e., mechanics, electricians, MRCA, etc.), report to the OSC AA in Bldg 475 cafeteria.
 - IF response is outside the PA (i.e., DSEO, ADEOF, MOR, etc.), report to the Simulator Building Foyer.
- Subject to call
 - IF response is within the PA, report to the OSC AA in Bldg 475 cafeteria.
 - IF response is outside the PA, report to the Simulator Building foyer.

2.10.2 IF an Alert or higher classification has been declared during the off-hours, perform the following:

- IF on-shift AND not on duty, report to the OSC AA in Bldg 475 cafeteria.
- IF reporting from off-site, report to your designated Emergency Response Facility (i.e., TSC, EOF, affected unit control room, etc.).

2.11 Drills and Exercises

NOTE

1. Drills provide a training opportunity to enhance and maintain effective emergency response capabilities.
2. Major objectives of the Millstone Station Emergency Plan are exercised annually. Exercises differ from drills in that the primary result of an exercise is a critical assessment of emergency response capability.
3. In order to fully evaluate SERO performance capability, back-up staffing (e.g., trainees) will normally not be allowed during evaluated drills or exercises.
4. "Hands-On/OJT" drills will be conducted when it is determined that additional training or experience will enhance an individual, selected group, facility staff or the SERO's ability to respond to emergency conditions. This training evaluation may take the form of a walkthrough or a tabletop discussion of an evolution or operation. This type of training evaluation is distinct from those described in Section 2.11.1 because the focus is limited and will generally not include an integrated response.
5. Actual emergency plan activations may be credited in place of selected drills if the Manager, EPD, deems it appropriate. Generally an Alert or higher level emergency may be substituted for a drill. Such events may also replace an exercise with NRC approval.

Manager, EP

2.11.1 Refer To the EP 6 year objectives schedule and conduct the following drills and tests, as appropriate:

- Health Physics Drills
- Radiological Monitoring Drills
- Chemistry Drills
- Medical Emergency Drills
- Communication Tests
- Emergency Preparedness Training Drills
- Exercises
- Off-site Public Alerting Siren Tests
- Off-hour and Unannounced Drills
- Assembly and Accountability Drills

2.11.2 Request drill support from other departments, as applicable.

2.11.3 Ensure Protective Services Department conducts fire and security drills.

2.11.4 Conduct formal critique after each of the following:

- Drill
- Exercise

2.12 Emergency Response Facilities (ERFs) and Equipment

NOTE

1. Each ERF has equipment in place to perform functions assigned in the Millstone Station Emergency Plan. The Manager, EPD, is authorized to perform unannounced, periodic walk-through inspections of ERFs.
2. Additional facility and equipment responsibilities are detailed in OA-8, "Ownership, Maintenance, and Housekeeping of Site Buildings and Facilities, and Equipment," and MP-26-EPA-FAP05, "EP Facility Maintenance."

*Station
Personnel*

- 2.12.1 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and ensure facilities are maintained, as assigned.
- 2.12.2 Perform equipment check or maintenance at required intervals and after each use.
- 2.12.3 Provide documentation of completed activities to the Manager, EP.
- 2.12.4 Promptly report problems to the Manager, EP.
- 2.12.5 IF alteration or modification of ERF or equipment is required, notify the Manager, EPD, before alteration or modification is performed.

*Unit Chemistry
Technicians and
RAE*

- 2.12.6 Refer To Attachment 3, "Documentation of Testing of Dose Assessment Computer Program," and test dose assessment computer program.

2.13 Severe Accident Management

Manager, EP

- 2.13.1 Develop Severe Accident Management (SAM) documents, ensuring Unit Operations Department and Nuclear Fuel Engineering Support provides technical expertise.
- 2.13.2 Conduct SAM Guideline (SAM-G) drills as part of the schedule 6-year objective for each operating unit, including the following:
- Test and evaluate the unit SAM response capabilities.
 - Develop a drill scenario to challenge the development of multiple SAM strategies.
 - Refer To MP-26-EPA-FAP03, "Drill and Exercise Manual," and include drill core objectives.
- 2.13.3 Ensure SAM-G training is conducted every 2 years for continuing training.

3. SUMMARY OF CHANGES

3.1 **Revision 000**

- 3.1.1 This documents contains information previously contained in EPAP 1.15.
- 3.1.2 Added Section 2.2, "Responsibilities of Supervisor, Emergency Preparedness (EP), for Maintaining Emergency Preparedness."
- 3.1.3 Added Section 2.3, "Responsibilities of the Emergency Preparedness Specialists for Maintaining Emergency Preparedness."

Attachment 1

Emergency Preparedness Abbreviations and Definitions

(Sheet 1 of 1)

1. ADEOF - Assistant Director Emergency Operations Facility
2. ADTS - Assistant Director Technical Support
3. AMRDA - Assistant Manager of Radiological Dose Assessment
4. EPD - Emergency Preparedness Department
5. ERC - External Resources Coordinator
6. ERDS - Emergency Response Data System
7. IDA - Initial Dose Assessment
8. MIDAS - Meteorological Information and Dose Assessment Model
9. NFSA - Nuclear Fuels and Safety Analysis
10. RAE - Radiological Assessment Engineer
11. RDAC - Radiological Dose Assessment Committee
12. RES - Radiological Engineering Section
13. SAM-G - Severe Accident Management Guidelines
14. Millstone Station Emergency Plan: The Millstone Station Emergency Plan contains requirements and organizational responsibilities and serves as the license commitment document for emergency preparedness.
15. Emergency Plan Administrative (EPA)/Functional Administrative Procedure (FAP): Procedures that implement the Station Emergency Plan.

Attachment 2
Summary of Department Responsibilities for Facilities, Equipment, and
Material Maintenance

(Sheet 1 of 4)

Organization	Item	Task	Freq ¹	Reference
Northeast Generation Services (GTS)	Public Alerting System	Inspect and Conduct Testing	Q, A	MP-26-EPA-FAP08 MP-26-EPA-FAP09
Chemistry	EOF Multi Channel Analyzer	Inspect and Conduct Testing	AN	RPM; ANSI
Computer Services	ERF Computer Hardware, Software, and Connections	Maintenance, Surveillance, and Control	AN	Help Desk DC 11 MP-26-EPA-FAP05
Telecommunication Services	Pagers, Radios, ENRS	General Support and Testing	AN	
Document Administration	FSAR, Tech Specs, Aperture Cards	Maintain Control Copies in ERFs	AN	GRITS
Document Administration	Unit - Specific Procedures	Maintain Control Copies in EOF	AN	Passport
Document Administration	EOF and TSC Aperture Card Readers	Update and Check	Q	NDM 04
U-3 Operations	SERO Notification System	Test and Maintain	M	MP-26-EPA-FAP05 C-OP 606
Emergency Preparedness	ERF Phone and Fax Equipment	Perform Operability Check	Q	MP-26-EPA-FAP05
Emergency Preparedness	ERF Radios	Perform Operability Check	Q	MP-26-EPA-FAP05
Emergency Preparedness	ERF Support Equipment, Furniture, and Supplies	Maintain and Conduct Inventories	Q, AEU	MP-26-EPA-FAP05
Emergency Preparedness	ERF Communications	Surveillance	M	MP-26-EPA-FAP05

Attachment 2
Summary of Department Responsibilities for Facilities, Equipment, and
Material Maintenance

(Sheet 2 of 4)

Organization	Item	Task	Freq¹	Reference
Health Physics Support	Emergency Response HP Supplies and Equipment	Maintenance, Surveillance, and Calibration	Q, AEU	RPM 4.8.5
Health Physics Support (Respiratory Protection)	Respiratory Protection Equipment	Maintenance	Q	RPM 2.3.5
Motor Pool	RMT Vehicles	Mechanical and Operational Inspection and Maintenance	Q	
RAE, Chemistry Technicians	ERF Dose Assessment Computers	Check Operability	W,M	MP-26-EPA-FAP01 MP-26-EPA-FAP10
Document Administration	Unit - Specific Procedures	Maintain Control Copies in TSC	AN	Passport
Document Administration /EPD	Emergency Preparedness FAPs	Maintain Document Distribution and Control; Audit	AN	Passport
Unit 2 I&C	Meteorological Equipment	Inspect, Calibrate, and Confirm Operability	Q	C-SP-400.2
Protective Services	Station Page and Evacuation Siren	Monitor Outside Speakers when Units Conduct Test.	M/Q	C-SP 600.1
Protective Services	CR/Security Hot Links	Phone Checks	D	Security Procedure
Site Facilities	Emergency Response Facilities	Building Services (Janitorial, Plumbing, Lighting)	AN	OA 8
Emergency Preparedness	Millstone EPlan Resource Book	Update	Q	MP-26-EPA-REF08B

Attachment 2
Summary of Department Responsibilities for Facilities, Equipment, and
Material Maintenance

(Sheet 3 of 4)

Organization	Item	Task	Freq ¹	Reference
I&C; SAB	Radiation Monitors	Maintenance and Calibration; Documentation		
U-2 Operations	Meteorological Tower Generator	Test ²	M	C-SP 600.12
U-2 Operations	U-1 PA Speakers	Test	M	C-SP 600.1
Station Maintenance	Emergency Operations Facility	Electrical and Mechanical Maintenance of HVAC	Q	Vendor Support Provided
U-2 Operations	EOF Airlock	Test ²	Q	SP 2678C
U-2 Operations	EOF Emergency Diesel Generator	Test ² Operation	M	SP 2678B OP 2399A
U-2 Operations	EOF Fire Detection System	Test ² Operation	Q	SP 2678D OP 2399B
U-2 Operations	EOF Vent (RAD) Filter Systems	Test ²	R	SP 2678A
U-2 Operations	U-2 PA Speakers and Evacuation Alarms	Test	M	C-SP 600.1
Station Maintenance	Technical Support Center (TSC)	Electrical and Mechanical Maintenance of HVAC	Q	AWO on 3TS-3900J
Station Maintenance	Technical Support Center (TSC)	Emergency Lights	Q	MP 3780AE
U-3 Operations	TSC Emergency Power (TSC)	Test ²	Q	SP 3666.2
U-3 Operations	TSC Vent (RAD) Filter System	Test ²	R	SP 3666.1
U-3 Operations	U-3 PA Speakers and Evacuation Alarms	Test	M	C-SP 600.1

Attachment 2
Summary of Department Responsibilities for Facilities, Equipment, and
Material Maintenance

(Sheet 4 of 4)

Organization	Item	Task	Freq ¹	Reference
Unit Engineering (U-2, 3)	Drawings	Maintain Control Copies in ERFs.	AN	Master Control Index
Unit Operations (U-2, 3)	Radio Communications (Waterford, State, Tri-Town)	Test ²	D	C-SP 600.3
Unit Operations (U-3)	Radiopaging ENRS Daily/Weekly Test	Test ²	D, W	C-OP 608
Unit Operations (U-3)	Radiopaging ENRS Monthly Test	Test ²	M	C-OP 606
IT	ERDS, OFIS	General Support and Testing	Q	MP-26-EPA-FAP05 MP-26-EPA-GDL05

NOTE

1. D = Daily, W = Weekly, M = Monthly, Q = Quarterly, R = Refuel Outage, A = Annual (not to exceed 25% of surveillance period) AN = As Necessary, AEU = After Each Use. All are also as required by drills, audits, revisions, etc.
2. Maintenance, repair, and test follow up is passed to applicable Unit Maintenance Departments.

Attachment 3
Documentation of Testing of Dose Assessment Computer

(Sheet 1 of 1)

NOTE

MIDAS is installed in the EOF and IDA is installed in the control rooms.
MIDAS, IDA, and other approved dose assessment models such as RASCAL
may also be installed on computers in the EOF, TSC, or other ERFs.

Radiological Assessment Engineer (RAE)

1. Monthly, VERIFY operability of the Emergency Operations Facility dose assessment computer program and printer and ENSURE results match test case.
2. COMPLETE surveillance log.
3. IF test results are *not* satisfactory, NOTIFY EPD.

Unit Chemistry Technicians

Unit 3

1. Monthly, VERIFY operability of the Technical Support Center Initial Dose Assessment computer and ENSURE results match test case.

Unit 2 and 3

2. Weekly, VERIFY operability of control room initial dose assessment computer program and printer and ENSURE results match test case.
3. COMPLETE surveillance log.
4. IF test results are not satisfactory, NOTIFY EPD.

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 1 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru (5)
Assistant Director Emergency Operations Facility	ADEOF	OC	EOF	No	No	Director, Nuclear Safety and Licensing	Yes	Drill
Assistant Manager of Radiological Dose Assessment	AMRDA	STC	EOF	No	No	Manager, Radiological Protection and Chemistry	Yes	Drill
Accident Management Team Thermal and Hydraulic Engineer	AMT/TH	STC	TSC/OSC	No	Yes	Manager, Nuclear Fuel Engineering	Yes	OJT
Accident Management Team Lead	AMTL	STC	TSC/OSC	No	Yes	Manager, Nuclear Fuel Engineering	Yes	OJT/SAM (8)
Accident Management Team Mechanical Engineer	AMTME	STC	TSC/OSC	No	Yes	Manager, Nuclear Fuel Engineering	Yes	OJT
Assistant Radiation Protection Supervisor	ARPS	OC	OSC AA	No	Yes	Manager, Radiological Protection and Chemistry	Yes	OJT
Director of Station Emergency Operations	DSEO	OC	EOF	No	No	Director, Operations and Maintenance	Yes	Drill
EOF Health Physics Technician	EOFHP	OC	EOF	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
EOF Shift Technician	EOFST	OC	EOF	Yes	Yes	Manager, Nuclear Operations	No	Walk-Thru
External Resource Coordinator	ERC	STC	EOF	No	No	SCM Site Manager	Yes	Walk-Thru
Executive Spokesperson	ES	OC	Media Cntr	No	No	Director, Nuclear Safety and Licensing	Yes	Walk-Thru
Fire Brigade/EMT	FB	OS	OSC AA	Yes	Yes	Manager, Nuclear Protection Services	No	Drill (6)
Field Team Data Coordinator	FTDC	STC	EOF	No	No	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Generations Electrical Services Specialist	GES	OC	OSC AA	No	Yes	Manager, Nuclear Maintenance	No	Walk-Thru

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 2 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru (5)
Meteorological Assistant	MET	STC	EOF	No	No	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Manager of Resources	MOR	OC	EOF	No	No	SCM Site Manager	Yes	Drill
Manager of Security	MOS	STC	TSC/OSC	No	Yes	Manager, Nuclear Protection Services	Yes	Drill
Manager Public Information	MPI	OC	EOF	No	No	Manager, Emergency Preparedness	Yes	Drill
Manager Radiological Consequence Assessment	MRCA	OC	TSC/OSC	No	Yes	Manager, Radiological Protection and Chemistry	Yes	Drill
Nuclear News Manager	NNM	OC	Media Cntr	No	No	Director, Nuclear Safety and Licensing	Yes	Drill
CBETS Operator	CBETS	STC	OSC AA	No	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Radiological Communicator	RADCOM	STC	EOF OSC AA	No	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Radiological Assessment Engineer	RAE	STC	EOF	No	No	Manager, Nuclear Fuel Engineering	Yes	Drill
Radiological Monitoring Team 3 Lead	RMT3	OC	EOF	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Radiological Monitoring Team Driver*	RMTDRV	OC	EOF	Yes	Yes	Manager, Nuclear Oversight	Yes	Walk-Thru
Radiological Monitoring Team 4 Lead	RMT4	OC	EOF	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Radiological Monitoring Team Driver*	RMTDRV	OC	EOF	Yes	Yes	Manager, Nuclear Oversight	Yes	Walk-Thru
Radiological Monitoring Team 5 Lead	RMT5	OC	EOF	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru

* All RMT Drivers are in one group with three people on call at all times.

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 3 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru (5)
Radiological Monitoring Team Driver*	RMTDRV	OC	EOF	Yes	Yes	Manager, Nuclear Oversight	Yes	Walk-Thru
NAP Radiological Monitoring Team	RMTA	OC	NAP	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
NAP Radiological Monitoring Team	RMTB	OC	NAP	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
SAP Radiological Monitoring Team	RMTC	OC	SAP	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
SAP Radiological Monitoring Team	RMTD	OC	SAP	Yes	Yes	Manager, Radiological Protection and Chemistry	Yes	Walk-Thru
Station Duty Officer	SDO	OS	CR	Yes	Yes	Manager, Nuclear Operations	No	OJT
Technical Support Center Reactor Engineer	TSCRE	OC	TSC/OSC	No	Yes	Manager, Nuclear Fuel Engineering	Yes	Walk-Thru
Technical Assistant	TA	STC	State EOC	No	No	Director, Nuclear Safety and Licensing	Yes	Walk-Thru
Chemistry Technician	CHEM TECH	OS	CR	Yes	Yes	Manager, Radiological Protection and Chemistry	No	Walk-Thru
RMT #1	HPTECH	OS	CR	Yes	Yes	Manager, Radiological Protection and Chemistry	No	Walk-Thru
Unit 1 Technical Support Center Shift Manager	U1 TSCSM	STC	TSC/OSC	No	Yes	Manager, Nuclear Operations	No	OJT

*All RMT Drivers are in one group with three people on call at all times.

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 4 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru (\$)
Unit 2 Assistant Director Technical Support	U2ADTS	OC	TSC/OSC	No	Yes	Manager, Nuclear Operations	Yes	Drill
Unit 2 Control Room Data Coordinator	U2CRDC	STC	CR	No	Yes	Manager, Nuclear Training	Yes	Walk-Thru
Unit 2 Electrician	U2ELEC	OC	OSC AA	Yes	Yes	Manager, Nuclear Maintenance	No	Walk-Thru
Unit 2 Instrument & Control Operational Support Center	U2I&C OSC	STC	TSC/OSC	No	Yes	Manager, Nuclear Maintenance	Yes	Drill
Unit 2 Instrument & Control Technician	U2I&C TECH	OC	OSC AA	Yes	Yes	Manager, Nuclear Maintenance	No	Walk-Thru
Unit 2 Mechanic	U2MECH	OC	OSC AA	Yes	Yes	Manager, Nuclear Maintenance	No	Walk-Thru
Unit 2 Manager of Communications	U2MOC	OC	EOF	No	No	Manager, Nuclear Training	Yes	Walk-Thru
Unit 2 Manager of Operational Support Center	U2MOSC	OC	TSC/OSC	No	Yes	Manager, Nuclear Maintenance	Yes	Drill
Unit 2 Manager of Technical Support Center	U2MTSC	OC	TSC/OSC	No	Yes	Director, Nuclear Engineering	Yes	Drill
Unit 2 Operational Support Center Maintenance Assistant	U2 OSCMA	STC	TSC/OSC	No	Yes	Manager, Nuclear Maintenance	Yes	Drill
Unit 2 PEO	U2PEO	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 2 Control Operator	U2CO	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 5 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru (5)
Unit 2 STA	U2STA	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 2 Technical Information Coordinator	U2TIC	OC	EOF	No	No	Manager, Nuclear Training	Yes	Walk-Thru
Unit 2 Technical Support Center Electrical Engineer	U2 TSCEE	OC	TSC/OSC	No	Yes	Director, Nuclear Engineering	Yes	OJT
Unit 2 Technical Support Center Mechanical Engineer	U2 TSCME	OC	TSC/OSC	No	Yes	Director, Nuclear Engineering	Yes	OJT
Unit 2 Technical Support Center Shift Manager	U2 TSCSM	STC	TSC/OSC	No	Yes	Manager, Nuclear Operations	No	OJT
Unit 3 Assistant Director Technical Support	U3ADTS	OC	TSC/OSC	No	Yes	Manager, Nuclear Operations	Yes	Drill
Unit 3 Control Room Data Coordinator	U3CRDC	STC	CR	No	Yes	Manager, Nuclear Training	Yes	Walk-Thru
Unit 3 Electrician	U3ELEC	OC	OSC AA	Yes	Yes	Manager, Nuclear Maintenance	No	Walk-Thru
Unit 3 Instrument & Control Operational Support Center	U3I&C OSC	STC	TSC/OSC	No	Yes	Manager, Nuclear Maintenance	Yes	Drill
Unit 3 Instrument & Control Technician	U3I&C TECH	OC	OSC AA	Yes	Yes	Manager, Nuclear Maintenance	No	Walk-Thru
Unit 3 Mechanic	U3MECH	OC	OSC AA	Yes	Yes	Manager, Nuclear Maintenance	No	Walk-Thru

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 6 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru
Unit 3 Manager of Communications	U3MOC	OC	EOF	No	No	Manager, Nuclear Training	Yes	Walk-Thru
Unit 3 Manager of Operational Support Center	U3MOSC	OC	TSC/OSC	No	Yes	Manager, Nuclear Maintenance	Yes	Drill
Unit 3 Manager of Technical Support Center	U3MTSC	OC	TSC/OSC	No	Yes	Director, Nuclear Engineering	Yes	Drill
Unit 3 Operational Support Center Maintenance Assistant	U3 OSCMA	STC	TSC/OSC	No	Yes	Manager, Nuclear Maintenance	Yes	Drill
Unit 3 PEO	U3PEO	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 3 Control Operator	U3CO	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 3 STA	U3STA	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 3 Technical Information Coordinator	U3TIC	OC	EOF	No	No	Manager, Nuclear Training	Yes	Walk-Thru
Unit 3 Technical Support Center Electrical Engineer	U3 TSCEE	OC	TSC/OSC	No	Yes	Director, Nuclear Engineering	Yes	OJT
Unit 3 Technical Support Center Mechanical Engineer	U3 TSCME	OC	TSC/OSC	No	Yes	Director, Nuclear Engineering	Yes	OJT
Unit 3 Technical Support Center Shift Manager	U3 TSCSM	STC	TSC/OSC	No	Yes	Manager, Nuclear Operations	No	OJT
Unit 2 Unit Supervisor	U2US	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 3 Unit Supervisor	U3US	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Security Guard	SECGRD	OS	POST	Yes	Yes	Manager, Nuclear Protection Services	No	(9)
Security Shift Supervisor	SSS	OS	CAS	No	Yes	Manager, Nuclear Protection Services	No	(9)

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 7 of 8)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal Yes/No	Initial (4) Drill/OJT/Walk-Thru (5)
Manager Radiological Dose Assessment	MRDA	OC	EOF	No	No	Manager, Radiological Protection and Chemistry	Yes	Drill
Unit 3 Shift Technician	U3ST	OS	CR	Yes	Yes	Manager, Nuclear Operations	Yes	OJT
Unit 1 CFH/MCRO	CFH	OS	CR	Yes	Yes	Manager, Nuclear Operations	No	Walk-Thru
Unit 2 Shift Manager	U2SM	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Unit 3 Shift Manager	U3SM	OS	CR	Yes	Yes	Manager, Nuclear Operations	(1)	(1)
Alarm Station Supervisor	SECSUP	OS	CAS/SAS	Yes	Yes	Manager, Nuclear Protection Services	No	(9)
Regulatory Liaison (7)	RL	STC	EOF	No	No	Manager, Licensing	No	Walk-Thru
State Emergency Planning Liaison (7)	SEPL	STC	State EOC	No	No	Manager, Emergency Preparedness	No	Walk-Thru
Station Emergency Planning Representative (7)	SEPR	STC	EOF	No	No	Manager, Emergency Preparedness	No	Walk-Thru
Media Center Liaison (7)	MCL	STC	Media Center	No	No	Director, Nuclear Safety and Licensing	No	Walk-Thru
Rumor and Inquiry Control Liaison (7)	RICL	STC	Media Center	No	No	Director, Nuclear Safety and Licensing	No	Walk-Thru
Technical Briefer (7)	TB	STC	Media Center	No	No	Director, Nuclear Safety and Licensing	No	Walk-Thru
Radiological Briefer (7)	RB	STC	Media Center	No	No	Director, Nuclear Safety and Licensing	No	Walk-Thru

Attachment 4
SERO Qualifications and Reporting Location (3)

(Sheet 8 of 8)

- (1) Credit will be taken for drill completion when performed as part of Licensed Operator Initial Training (LOIT), Licensed Operator Requalification Training (LORT), Shift Technical Advisor (STA) Program, and Plant Equipment Operator (PEO) Training.
- (2) Deleted
- (3) Additional qualification requirements are contained in NTP 7.212.
- (4) Participation in a drill may satisfy the walk-thru qualifications for initial training.
- (5) Walk-thrus include use of any equipment, identification and location of reference materials, and a knowledge of the facility layout. Training, Emergency Planning, or job incumbents qualify for conducting walk-thrus.
- (6) Tracked by Fire Training Department
- (7) Supplemental positions
- (8) SAM required for initial qualifications
- (9) Security Guard, Security Shift Supervisor (SSS), and Alarm Security Supervisor training is provided by Protective Services personnel.

Attachment 5

Roles and Responsibilities For Emergency Preparedness Dose Assessment

(Sheet 1 of 2)

Area	Manager, EPD	NFSA
Emergency Plan (Includes Ingestion Pathway Plan)	Manager, EPD, shall: <ul style="list-style-type: none"> • Develop the Emergency Plan • Ensure compliance to regulatory requirements • Request technical support for input and review • Process changes and obtain necessary approvals • Perform necessary 50.54(q) reviews 	NFSA shall: <ul style="list-style-type: none"> • Provide radiological technical expertise requested • Provide compliant support • Support the review and approval process
Radiological Dose Assessment Committee (RDAC)	Manager, EPD, shall: <ul style="list-style-type: none"> • Chair the committee • Develop a charter • Schedule meetings • Develop meeting minutes for RDAC members and upper management • Provide expertise specific to regulatory compliance • Provide input and make contacts to benchmark against the industry • Process change requests 	NFSA shall: <ul style="list-style-type: none"> • Co-chair the committee • Provide input to charter • Provide technical member(s) to the RDAC • Develop technical justification for software / procedure changes • Provide radiological expertise specific to subject matter
Procedures	Manager, EPD, shall: <ul style="list-style-type: none"> • Maintain overall approval or veto of proposed procedures and changes • Ensure compliance to regulatory requirements • Maintain procedures current / schedule biennial reviews if required • Process procedure change requests • Process procedure typing requests • Facilitate writer's guide review by Procedures Group • Perform necessary 50.54(q) reviews • Provide V&V support as necessary • Facilitate scheduling of SORC by Procedures Group • Set effective implementation dates 	NFSA shall: <ul style="list-style-type: none"> • Provide radiological technical content • Write procedure steps • Provide bases documents • Lead V&V process • Provide V&V input and approvals • Support necessary 50.54(q) review • Present technical changes to SORC for approval

Attachment 5 Roles and Responsibilities For Emergency Preparedness Dose Assessment

(Sheet 2 of 2)

Area	MANAGER, EPD	NFSA
Tools and Software	<p>Manager, EPD, shall:</p> <ul style="list-style-type: none"> • Own required tools and software • Budget new purchases • Fund upgrades and revisions • Ensure compliance to regulatory requirements and intent • Obtain approvals for selected tools and software through RDAC (user) members before committing to a solution, purchase, or change • Own Quality Software (QS) and associated documentation 	<p>NFSA shall:</p> <ul style="list-style-type: none"> • Produce requirements document specifying needs, acceptance criteria and process bids • Recommend the selection of tools and software through the RDAC • Develop internal software (as necessary or as appropriate) • Provide development support • Provide testing • Provide QS documentation • Provide overall radiological technical support
Scenario Development	<p>Manager, EPD, shall:</p> <ul style="list-style-type: none"> • Define scenario radiological package requirements (Memo of Understanding) • Develop overall scenario • Provide long-range schedule to allow support resource planning • Define deliverable date for completed package • Provide sufficient lead time as defined in the Memo of Understanding for radiological package development 	<p>NFSA shall:</p> <ul style="list-style-type: none"> • Provide an experienced technical lead to develop radiological data packages • Provide support to scenario development meetings • Produce radiological data packages fully meeting Memo of Understanding expectations • Provide completed radiological data package by the defined deliverable date

Attachment 6

Radiological Dose Assessment Committee

(Sheet 1 of 1)

1. Purpose:

Ensure a regulatory compliant, effective dose assessment capability is maintained at Millstone facilities.

2. Membership:

The following functions shall be represented as members of this committee:

- Emergency Preparedness - Manager, EPD - Chairperson
- Radiological Engineering - Supervisor, Radiological Engineering - Co-chairperson
- Station Health Physics
- Training - EPD Training, Chem/HP training, as available
- Computer Support - Information Technology, as available
- Station Chemistry - as available
- State Department Environmental Protection - as available
- Environmental Services - as available

3. Responsibilities:

This committee is responsible to provide the technical, regulatory based review and recommendations for all changes to calculations methodologies, procedures, software or other tools as applicable to performing the function of off-site dose assessment during emergency situations.

4. Meetings:

This committee shall meet as necessary to review functional status. Meeting notes shall be published and maintained on file in the Emergency Preparedness Department.

5. Authority:

This committee will forward recommended assignments to the Manager, EPD, to assign work to the appropriate organization in order to maintain the full capability of emergency dose assessment. The assigned members shall be sufficiently conversant in the issues to have acceptance authority for their respective organizations.

6. Disposition of Issues:

Issues identified shall be dispositioned through the use of the AITTS assignments. Where disagreement of assignment exist, this issue shall be raised to EPD and NFE management for disposition.

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 14

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Administrative (EPA) Functional Administrative Procedure (FAP)
MP-26-EPA-FAP01-001, "SERO Removal Form"
Revision 0

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request

SPG# 020213-113959

A

Initiated By: ^{2/21/02 KB} ~~Paul Blasioli~~ Patti Luckey Date 2/13/02 Department: EPD Ext: ^{2/22/02 KB} ~~0417 5476~~

Document No.: MP-26-EPA-FAP01 Rev. No.: 000 Minor 00

Title: Management Program for Maintaining Emergency Preparedness

For New Documents only → QA RI Title Manager, EPD

B

Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)

Upgrade to support MP-26-MMM program
Includes MP-26-EPA-FAP01-001 and EPA-FAP01-002

Continued

Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)

C

Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required)
Other reviews may be required. See MP-05-DC-SAP01 01.1 att 3

Edit Corr.:

Non-Intent Change
(Only Tech IR, SQR IR and Env. signature Required)

D

Editorial Correction Approval

TPC Interim Approval

Plant Mgmt Staff Member - Approval

(1) Plant Mgmt Staff Member Print/Sign/Date

(2) SM/SRO/CFH Print/Sign/Date

E

Procedure Request/Feedback Disposition

Priority: Perform Now Perform Later

Activity: Revision Minor Revision Cleanup Rev Biennial Review Cancellation Supercedure

See DC-GOLD1 for guidance

TPC OTC Place in VOID

F

Reviews continued <input checked="" type="checkbox"/>	Print	Sign	Date	SQR Qualified			✓ Comments
				Yes	No	Dept.	
50.54 g	<input checked="" type="checkbox"/> Patti Luckey	<i>Patti A. Luckey</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPD	
Environmental	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/22/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
RCD	<input checked="" type="checkbox"/> Kathleen Burgess	<i>Kathleen Burgess</i>	2/22/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPD	
Licensing Basis	<input type="checkbox"/>						
Tech Independent	<input checked="" type="checkbox"/> Paul Blasioli	<i>Paul A. Blasioli</i>	2/22/02			EPD	

G

An NRRL Update Required YES

H

1. SQR Program Final Review and Approval

Approval Disapproval

Kathleen Burgess 2/25/02
SQR Qualified Independent Reviewer / Date

Paul A. Blasioli
Dept Head / Responsible Individual (SQR)

2/25/02
Approval Date

2 Final Review and Approval

SORC

RI/DH (Ref Mans, GDLs, Handbooks)

DH / RI Sign
Meeting No _____

SORC Signature _____

DH / RI Signature _____

Approval Date _____

I

Effective Date: 2/28/02

2/26/02

Approval Date

2/28/02

Effective Date

SERO Removal Form

This form is used to remove personnel from the SERO organization. Initial items when complete or enter "N/A" and return to Emergency Planning Services Department for completion. (A computer generated version of this form may be used)

"SERO Member Being Removed"

Name: _____ (Print) PIN: _____ (7 or 8 digit home phone #)

SERO Position/Team: _____

Social Security #: _____
(Last four digits)

"SERO Replacement"

Name: _____ (Print) PIN: _____ (7 or 8 digit home phone #)

SERO Position/Team: _____

Social Security #: _____
(Last four digits)

Date Position Specific SERO TQR Completed: _____

"Removal Approval and Follow-up Actions"

Approved for removal from the SERO: _____
Position Owner Name / Signature / Date

Concurs with removal from the SERO: _____
EPD Manager / Signature / Date

<u>INITIAL</u>	<u>Item</u>	<u>Date</u>
_____	Removed from SERO Database Roster.	_____
SERO Administrator		
_____	Removed from Rapid Reach Database and EPD ENRS Specialist MP-26-EPA-REF08B	_____
_____	Verify that a primary is indicated for the position EPD ENRS Specialist affected by the removal.	_____
_____	Issue Pager/Keys returned to EPD, as applicable.	_____
SERO Administrator		

Docket Nos. 50-245
50-336
50-423
B18618

Attachment 15

Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3

Emergency Procedures Administrative (EPA) Functional Administrative Procedure (FAP)

MP-26-EPA-FAP01-002, "Unit Event Backup Codes"

Revision 0

2/13/02
Approval Date

2/14/02
Effective Date

Document Action Request						SPG# 020213-113959					
Initiated By: <u>2/2/02 KB Paul Blasioli Patti Luckey</u>		Date: <u>2/13/02</u>		Department: <u>EPD</u>		Ext.: <u>2/22/02 KB 0417 5474</u>					
Document No.: <u>MP-26-EPA-FAP01</u>				Rev. No.: <u>000</u>		Minor: <u>00</u>					
Title: <u>Management Program for Maintaining Emergency Preparedness</u>											
For New Documents only → <input type="checkbox"/> QA RI Title Manager, EPD											
Reason for Request/Action (attach commitments, CRs, ARs, OEs etc)											
Upgrade to support MP-26-MMM program Includes MP-26-EPA-FAP01-001 and EPA-FAP01-002											
Continued <input type="checkbox"/>											
Select one if performing a change (See MP-05-DC-SAP01 sect 2.3 to determine type of change)											
<input checked="" type="checkbox"/> Intent Change (Tech IR, SQR Independent, RCD, Env Screen Required) <small>Other reviews may be required. See MP-05-DC-FAP 01.1 att 3</small>				<input type="checkbox"/> Edit Corr.:		<input type="checkbox"/> Non-Intent Change <small>(Only Tech IR, SQR IR and Env. signature Required)</small>					
Editorial Correction Approval				TPC Interim Approval							
Plant Mgmt Staff Member - Approval				(1) Plant Mgmt Staff Member Print/Sign/Date							
				(2) SMSRO/CFH Print/Sign/Date							
Procedure Request/Feedback Disposition											
Priority: <input checked="" type="checkbox"/> Perform Now <input type="checkbox"/> Perform Later											
Activity: <input checked="" type="checkbox"/> Revision <input type="checkbox"/> Minor Revision <input type="checkbox"/> Cleanup Rev <input type="checkbox"/> Biennial Review <input type="checkbox"/> Cancellation <input checked="" type="checkbox"/> Supercedure <small>See DC-GDL01 for guidance</small>											
<input type="checkbox"/> TPC <input type="checkbox"/> OTC <input type="checkbox"/> Place in VOID											
Reviews continued <input checked="" type="checkbox"/>		Print		Sign		Date		SQR Qualified		✓ # Comments	
								Yes No Dept.			
50.54 g <input checked="" type="checkbox"/>		Patti Luckey		<i>Patti A. Luckey</i>				<input type="checkbox"/> <input checked="" type="checkbox"/>		EPD	
Environmental <input checked="" type="checkbox"/>		Kathleen Burgess		<i>Kathleen Burgess</i>		2/22/02		<input checked="" type="checkbox"/> <input type="checkbox"/>		EPD	
RCD <input checked="" type="checkbox"/>		Kathleen Burgess		<i>Kathleen Burgess</i>		2/22/02		<input checked="" type="checkbox"/> <input type="checkbox"/>		EPD	
Licensing Basis <input type="checkbox"/>											
Tech Independent <input checked="" type="checkbox"/>		Paul Blasioli		<i>Paul A. Blasioli</i>		2/22/02				EPD	
An NRRL Update Required <input checked="" type="checkbox"/> YES											
1. <input checked="" type="checkbox"/> SQR Program Final Review and Approval						2 Final Review and Approval					
Approval <input checked="" type="checkbox"/> Disapproval <input type="checkbox"/>						<input type="checkbox"/> SORC <input type="checkbox"/> RI/DH (Ref Mans, GDLs, Handbooks)					
<i>Kathleen Burgess</i> 2/25/02 SQR Qualified Independent Reviewer / Date						DH / RI Sign Meeting No _____					
<i>Paul A. Blasioli</i> Dept Head / Responsible Individual (Signature)						SORC Signature _____ DH / RI Signature _____					
2/25/02 Approval Date						Approval Date					
Effective Date: <u>2/28/02</u>											

A

B

C

D

E

F

G

H

I

2/26/02

Approval Date

2/28/02

Effective Date

Unit Event Backup Codes

NOTE

If a Unit Event Backup Code notification (e.g., ID 101, 201, 301) is received, ENRS has failed.

Personnel on-call or subject to call must immediately report to their emergency response facility for an ALERT or higher classification. Table 1 indicates the event and unit involved for each designated code. For an UNUSUAL EVENT no call-in is required; however, personnel should stand-by for further information.

Table 1 Unit Event Backup Codes

Event	Unit 1	Unit 2	Unit 3
Unusual Event	101	201	301
Alert	102	202	302
SAE	None	203	303
General Emergency	None	204	304
Event is Terminated	666	666	666
Drill - Come In	777	777	777
Drill - Call In	888	888	888