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



JUN 17 2002

B18668

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

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-FAP02, "Technical Support Center Activation and Operation," Major Revision 1, transmitted via Attachment 1;
- MP-26-EPI-FAP02-001, "Assistant Director Technical Support (ADTS)," Major Revision 1, transmitted via Attachment 2;
- MP-26-EPI-FAP15, "Common Forms," Major Revision 0, Minor Revision 1, transmitted via Attachment 3, and
- MP-26-EPI-FAP15-014, "State Police, Waterford Police, and Tri-Town Radio System," Major Revision 0, transmitted via Attachment 4.

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./Alar Price

Site Vice President - Millstone

cc: See next page

Attachments (4)

A045

U.S. Nuclear Regulatory Commission B18668/Page 2

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Attachment 1

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

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP) MP-26-EPI-FAP02, "Technical Support Center Activation and Operation" Major Revision 1

02/13/02
Approval Date



02/14/02	
Effective Date	

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Functional Administrative Procedure



Technical Support Center Activation and Operation MP-26-EPI-FAP02

Rev. 001

Approval Date:	5/16/02
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MP-26-EPI-FAP02-002, "TSC Shift Manager (TSCSM)"
MP-26-EPI-FAP02-003, "Manager of Radiological Consequences Assistant (MRCA)"
MP-26-EPI-FAP02-004, "RMT #2 (NAP-HP and SAP-HP)"
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MP-26-EPI-FAP02-009, "Technical Support Center Mechanical Engineer (TSCME)"
MP-26-EPI-FAP02-010, "Accident Management Team (AMT)"
MP-26-EPI-FAP02-011, "Manager of Security (MOS)"
MP-26-EPI-FAP02-012, "TSC/OSC Emergency Repair/Procedure Change/Assessment Recommendations"

1. PURPOSE

1.1 Objective

This procedure provides guidance to Station Emergency Response Organization (SERO) personnel who report to the Technical/Operations Support Center (TSC/OSC) during an event.

1.2 Applicability

Activation of the TSC/OSC is initiated upon declaration of an ALERT, State Posture Code Charlie-One, or higher event.

1.3 Supporting Documents

EPI-FAP08, "Evacuation and Assembly"

EPI-FAP09, "Radiation Exposure Controls"

EPI-FAP12, "Thermal Hydraulic Evaluation"

EPI-FAP15, "Common Forms"

OP 3315E, "Technical Support Center Ventilation"

SDI 612, "Security Reports"

SEP 5041, "Security During Emergencies".

SEP 5034, "Medical Emergencies"

C OP 204, "Response to Medical Emergencies"

RPM 1.5.4, "Response to a Contaminated Injured Person"

1.4 Discussion

1.4.1 Control and Limitations of TSC Ventilation and Capacity

The TSC/OSC ventilation system is designed for 20 persons. Capacity may be exceeded (40 people for up to 6 hours) without exceeding CO₂ limits for team briefings, turnovers, ALARA, or if TSC/OSC is monitored.

1.4.2 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 <u>immediately</u> 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 Severe Accident Management Guidelines (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 EOP, 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 <u>action</u> being taken is not consistent with current <u>license conditions</u> and <u>Technical Specifications</u>. 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)(i)(B), 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.

1.4.3 On-Site Personnel Protective Action Decisions (PPADs)

The implementation of PPADs is an important function of the TSC/OSC. These PPADs include: evacuating or relocating on-site personnel, providing access control to on-site areas, issuing Potassium Iodide (KI), and/or radiological controls.

1.4.4 Control of On-Site Technical, Operational, Assessment, and Repair Staffs

The TSC/OSC provides an emergency response facility to control the on-site technical, operational, assessment and repair staffs. This includes performing analysis of plant conditions and corrective actions, providing guidance to the control room regarding returning the plant to a safe condition, providing accident management guidance, and prioritizing assessments for damage, repair and radiological activities.

1.4.5 Definitions and abbreviations are contained in Attachment 1. Responsibilities are contained in Attachment 2.

2. INSTRUCTIONS

2.1 Refer To and complete the following, as applicable:

NOTE

Steps in the position specific checklists may be performed in any order, or more than once, as necessary.

- EPI-FAP02-001, "Assistant Director Technical Support (ADTS)"
- EPI-FAP02-002, "TSC Shift Manager (TSCSM)"
- EPI-FAP02-003, "Manager of Radiological Consequences Assistant (MRCA)"
- EPI-FAP02-004, "RMT #2 (NAP-HP and SAP-HP)"
- EPI-FAP02-005, "Radiological Communicator TSC"
- EPI-FAP02-006, "Manager of Technical Support Center (MTSC)"
- EPI-FAP02-007, "Technical Support Center Reactor Engineer (TSCRE)"
- EPI-FAP02-008, "Technical Support Center Electrical Engineer (TSCEE)"
- EPI-FAP02-009, "Technical Support Center Mechanical Engineer (TSCME)"
- EPI-FAP02-010, "Accident Management Team (AMT)"
- EPI-FAP02-011, "Manager of Security (MOS)"
- EPI-FAP02-012, "TSC/OSC Emergency Repair/Procedure Change/Assessment Recommendations"
- 2.2 <u>IF</u> 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 Biennial Review
- 3.1.2 Section 1.4.2.d, added acronym SAMG
- 3.1.3 Attachment 1, added Charlie-one and Charlie-two definition
- 3.1.4 Attachment 1, added SAMG to abbreviation list
- 3.1.5 Attachment 2, added acronyms for 1 through 11

Attachment 1 Definitions and Abbreviations

(Sheet 1 of 2)

Definitions

<u>Activation</u> - All functions, minimum staffing requirements, and turnovers have been completed and the senior SERO position in the facility declares it active.

<u>Alpha or Bravo</u> - State of Connecticut posture codes issued with a GENERAL EMERGENCY classification. A technical basis for developing a PAR as a result of that classification.

Charlie-One - State of Connecticut posture code issued with an ALERT classification.

<u>Charlie-Two</u> - State of Connecticut posture code issued with a SITE AREA EMERGENCY classification.

Minimum Staff - Positions in the facility which are necessary before activation may occur.

<u>Mission Specific Exposure Limits</u> - Specific exposure limits based on job task assignments for emergency team members.

<u>Plant Condition</u> - A technical basis for developing a PAR as a result of actual or imminent loss of all 3 fission product barriers, or based on high containment radiation levels.

<u>Unmonitored Release</u> - A suspected or actual release of radioactive material to the environment without passing through an operational process or radiation monitor.

Abbreviations

ADEOF - Assistant Director Emergency Operations Facility

ADTS - Assistant Director Technical Support

AMRDA - Assistant Manager of Radiological Dose Assessment

<u>CDE</u> - Committed Dose Equivalent for the thyroid (usually in units of Rem)

<u>CR-DSEO</u> - Control Room Director of Station Emergency Operations

EAL - Emergency Action Level

EOF - Emergency Operations Facility

ERF - Emergency Response Facility

IRF - Incident Report Form

KI - Potassium Iodide

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Attachment 1 Definitions and Abbreviations

(Sheet 2 of 2)

	LAN -	Local	Area	Netw	ork
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MCRO - Manager of Control Room Operations

MOS - Manager of Security

MRDA - Manager of Radiological Dose Assessment

MTSC - Manager of Technical Support Center

OFIS - Off-Site Facilities Information System

OSC - Operations Support Center

PCs - Protective Clothing

PPADs - Personal Protective Action Decisions

SAMG - Severe Accident Management Guidelines

SERO - Station Emergency Response Organization

SSS - Security Shift Supervisor

ST - Shift Technician

TIC - Technical Information Coordinator

TSC - Technical Support Center

Attachment 2 Responsibilities

(Sheet 1 of 3)

1. Assistant Director Technical Support (ADTS)

The ADTS is responsible for directing and managing the MCRO, MTSC, MOSC, MRCA, and MOS. The ADTS reports to and assists the DSEO. The ADTS is responsible for the following:

- Providing event classification input to the DSEO
- Prioritizing damage assessment and repair activities of the TSC and OSC
- Coordinating and directing the TSC and OSC, and providing guidance to the control room(s)
- Returning the facility to a safe configuration
- Authorizing emergency reentry into radiological areas for assessment, repair, or search and rescue
- Authorizing emergency exposure upgrades up to 25 rem TEDE for emergency workers inside the Protected Area
- Authorizing the use of Potassium Iodide (KI) for emergency workers inside the Protected Area
- Evaluation of conditions and direction of entry into Severe Action Management Guidelines with the support of the MCRO

2. TSC Shift Manager (TSCSM)

The TSCSM reports to the ADTS in the TSC. The TSCSM is responsible for:

- Maintaining communications with the Control Room.
- Monitoring EAL tables and providing classification and barrier status recommendations to ADTS
- Monitoring Control Room progress in Emergency Operating Procedures (EOPs)
- Providing support to TSC personnel for determining success paths.

3. Manager of Radiological Consequence Assessment (MRCA)

The MRCA reports to the ADTS in the TSC. The MRCA is responsible for:

- Providing radiological guidance and support for site evacuation and emergency teams
- Coordinating on-site radiological surveys and assessment
- Informing the ADTS of abnormal or transient on-site radiation levels and conditions and recommending PPADs to the ADTS
- Advising the ADTS regarding authorizing exposure limit increase for emergency workers
- Providing recommendations to the ADTS for issuance of Potassium Iodide (KI) to emergency workers on-site

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Attachment 2 Responsibilities

(Sheet 2 of 3)

4. Radiological Monitoring Team #2 (RMT #2)

RMT #2 reports to the MRCA in the TSC. Responsible for providing evacuee monitoring at the NAP and SAP, and performing on-site surveys, collecting radiological samples or providing HP support as assigned.

5. Manager of Technical Support Center (MTSC)

The MTSC reports to the ADTS. The MTSC is responsible for the following:

- Analyzing plant conditions and status
- Providing critical plant parameter information to the ADTS
- Resolving existing and potential engineering and technical problems to mitigate the consequences of the event
- Determining emergency event cause and corrective actions
- Developing action plans to mitigate emergency conditions
- Supervising the Accident Management Team (AMT) in performing analysis of plant conditions and corrective actions
- Providing technical support to the ADTS, MCRO, and MOSC
- Developing procedures or 10 CFR 50.54(x) deviations for approval
- Coordinating activities with the unaffected units

6. Technical Support Center Reactor Engineer (TSCRE)

The TSC Reactor Engineer reports to the MTSC. The TSC Reactor Engineer is responsible for reactivity management guidance and assistance of the AMT with thermal hydraulic calculations.

7. Technical Support Center Electrical Engineer (TSCEE)

The TSC Electrical Engineer reports to the MTSC. The TSC Electrical Engineer is responsible for providing the MTSC with electrical engineering and general support.

8. Technical Support Center Mechanical Engineer (TSCME)

The TSC Mechanical Engineer reports to the MTSC. The TSC Mechanical Engineer is responsible for providing the MTSC mechanical engineering and general support.

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Attachment 2 Responsibilities

(Sheet 3 of 3)

9. Accident Management Team Leader, Mechanical and Thermal-Hydraulics Engineer

The AMTL reports to the MTSC. The AMT members report to the AMTL. The AMT is responsible for analyzing thermal hydraulic response of the plant and assisting the MTSC in developing accident response strategies, including severe accident management efforts.

10. Manager of Security (MOS)

The MOS reports to the ADTS in the TSC. The MOS is responsible for the following:

- Station security and access control
- Personnel accountability
- Personnel evacuation and assembly
- Security escorts.

The MOS also provides security support for the following, as needed:

- Emergency operations
- Search and rescue teams
- Reentry and recovery operations

11. Radiological Communicator (RADCOM)

The RADCOM reports to the MRCA and is responsible for:

- Communicating with on-site RMTs
- Updating status boards
- Providing necessary assistance to the ARPS

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Attachment 2

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

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

MP-26-EPI-FAP02-001, "Assistant Director Technical Support (ADTS)"

Major Revision 1

02/14/02 Effective Date

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Assistant Director Technical Support (ADTS)

This form provides guidance to the ADTS for emergency response actions during a declared emergency that activates the SERO.

Sect	ion A:	TSC/OSC Activation/Initial Actions
Γ		NOTE
TS	C/OSC	activation is not required to provide immediate support to the control room.
	1.	Key into TSC/OSC.
	2.	Sign in on TSC/OSC Staffing Board.
	3.	Obtain a copy of the Incident Report Form (IRF) from the fax machine or Control Room.
	4.	Obtain additional information from the following, as necessary: • Voice mail box
		Additional faxes
	5.	Initiate a log of significant events and communications on EPI-FAP15-012, "SERO Log Sheet," log date and arrival time.
	6.	Check TSC/OSC and OSCAA SERO response status as follows:
		Verify minimum facility staff is present.
		• <u>IF</u> 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).
	7.	Contact CRDSEO and discuss any significant changes since event declaration and obtain status of onsite protective actions and emergency team deployment.
	8.	Refer To EPI-FAP15-001 "DSEO/ADTS Briefing Sheet" and obtain a briefing from the control room (CRDSEO or MCRO) and the DSEO in the EOF.
	9.	Formally relieve the CRDSEO of emergency team deployment and onsite protective action responsibilities and log the date and time of relief.
	10.	Declare the TSC/OSC and OSCAA activated and record activation time on the SERO Log Sheet.
	11.	Brief the TSC/OSC on plant status and control room priorities.

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Sect	tion A:	TSC/OSC Activation/Initial Actions
	12.	IF the precautionary dismissal or evacuation was not performed by the CRDSEO prior to turnover, Direct CR to Refer To and Implement EPI-FAP08, "Evacuation and Assembly."
Sect	tion B:	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 non-assigned TSC/OSC personnel to go to the OSC Assembly Area.
	3.	Establish TSC/OSC priorities and direct the initial response.
	4.	Notify the DSEO of any recommended changes in event classification or barrier status.
		• <u>IF</u> conditions change, Refer To EPI-FAP06, "Classification and PARs," for the affected unit and immediately recommend classification changes to the DSEO, as appropriate.
		 WHEN the DSEO escalates the event classification, inform personnel in the TSC/OSC and OSC Assembly Area.
	5.	IF Site Area or General Emergency is declared, Direct Control Room to refer to and implement EPI-FAP08, "Evacuation and Assembly."
	6.	Keep the DSEO updated on the status and priority of assessment and repair activities.
	7.	Direct and approve on-site PPADs considering the following:
		 IF time permits, discuss logistics for the on-site PPADs with the MTSC, MOSC, MOS, and MRCA.
		• <u>IF</u> there is a potential for an airborne radiological release affecting the TSC/OSC, announce that there will be no eating or drinking until further habitability is verified within the facilities.
		• IF there is a localized emergency (security, high radiation, fire), include its type and location in an announcement and instruct personnel to stand clear of the area.
		• Inform the DSEO of any implemented on-site PPADs.
	8.	Refer To EPI-FAP02-012, "TSC/OSC Emergency Repair/Procedure Change/ Assessment Recommendations," and authorize departure from normal station operations and maintenance procedures.

MP-26-EPI-FAP02-001 Rev. 001 Page 2 of 4

Sect	ion B:	Routine Activities
	9.	Develop strategies with the MTSC to address the following:
		Prevention of severe core damage
		Increasing time to core uncovery
		Prevention of containment failure
		 Reduction and/or termination of radiological releases to the environment
	10.	Notify the MCRO of the following:
		 Procedure development for outside design basis operations
		TSC/OSC Priorities
		 Core thermal hydraulic analysis and time to core uncovery
		Entry into Severe Accident Management Guidelines
		 Projected plant system degradation and event conditions
	11.	Establish the following emergency assessment and repair actions:
		Repair/evaluation priorities
		Estimated repair times
		 Need to authorize mission specific emergency exposure upgrades to 25 Rem TEDE
		Authorization for work assignments and reentry
	12.	Notify the DSEO of §50.54(x) use and of the requirement to notify the NRC of the departure as soon as possible.
	13.	Provide the DSEO with current and projected analyses of plant conditions and status on a routine basis.
	14.	Verify the MOSC has requested Site Fire Protection initiate monitoring of CO ₂ levels in the TSC/OSC.
	15.	Brief the NRC Site Team of actions taken and planned upon their arrival in the TSC/OSC.

 IF notified by the MRCA that implementation of EPI-FAP09, "Radiation Exposure Controls," is needed for emergency exposure increases or issuing KI to on-site SERO emergency workers, perform the following: Evaluate the emergency condition. IF KI is warranted, inform the DSEO that KI will be issued to on-site SERO emergency workers. IF exposure upgrades up to 25 Rem are required, inform DSEO of increase. IF exposure upgrades greater than 25 Rem are required, obtain DSEO approval. Refer To EPI-FAP09-003 and sign and date appropriate form, indicating approval. Coordinate the release of contaminated person from site to a designated decontamination location. D: Event Termination and Recovery Actions Monitor affected unit conditions and recommend termination to Recovery actions to the DSEO when appropriate.
 IF KI is warranted, inform the DSEO that KI will be issued to on-site SERO emergency workers. IF exposure upgrades up to 25 Rem are required, inform DSEO of increase. IF exposure upgrades greater than 25 Rem are required, obtain DSEO approval. Refer To EPI-FAPO9-003 and sign and date appropriate form, indicating approval. Coordinate the release of contaminated person from site to a designated decontamination location. D: Event Termination and Recovery Actions Monitor affected unit conditions and recommend termination to Recovery actions to
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D: Event Termination and Recovery Actions Monitor affected unit conditions and recommend termination to Recovery actions to
Monitor affected unit conditions and recommend termination to Recovery actions to
the Bobo when appropriate.
<u>IF</u> long term damage to the plant has not occurred, perform the following:
Brief TSC/OSC on plant conditions allowing termination.
• Direct TSC/OSC staff to return facilities to pre-emergency state of readiness.
Record SERO termination in logbook.
<u>IF</u> long term damage to the plant has occurred and Recovery option is selected, perform the following:
Brief TSC/OSC on plant conditions and entry into Recovery.
• Refer To and implement EPI-FAP14, "Recovery."
Record SERO termination in logbook.

Docket Nos. 50-245 50-336 50-423 B18668

Attachment 3

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

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP15, "Common Forms"

Major Revision 0, Minor Revision 1

2/13/02
Approval Date

2/14/02	
Effortive Date	

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Functional Administrative Procedure



Common Forms

MP-26-EPI-FAP15

Rev. 000-01

Approval Date:	5/8/02	
Effective Date:	5/21/02	



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MP-26-EPI-FAP15-002, "RMT Instrument, Battery, and Source Check Sheet"	
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MP-26-EPI-FAP15-013, "EOF Air Handling and High Radiation Filtration System	,,
MP-26-EPI-FAP15-014, "State Police, Waterford Police, and Tri-Town Radio Syst	tem "

1. PURPOSE

1.1 Objective

This procedure provides a common point of reference to forms used by several SERO members. Multiple copies of the forms are available in position specific notebooks found in each facility procedure tub for use by SERO members during a station event.

1.2 Applicability

The SERO has been activated.

1.3 Supporting Documents

EPI-FAP01, "Control Room Emergency Operations"

EPI-FAP02, "TSC Activation and Operations"

EPI-FAP03, "OSC Activation and Operation"

EPI-FAP04, "Emergency Operations Facility Activation and Operations"

1.4 Discussion

A number of forms are used by several SERO members during the course of a station event. This "common forms" procedure was created to provide a single point of reference for commonly used forms and ease the burden for review, revision, and control. Multiple copies of the forms are available to SERO members in each of the facility procedure bins. This will allow them to retrieve their position specific checklist and the appropriate number of applicable forms as they report to their assigned facilities.

Responsibilities are listed in Attachment 1, "Responsibilities."

MP-26-EPI-FAP15 Rev. 000-01 2 of 4

2. <u>INSTRUCTIONS</u>

- 2.1 Refer To and complete the following form(s), as applicable:
 - EPI-FAP15-001, "DSEO/ADTS Briefing Sheet"
 - EPI-FAP15-002, "RMT Instrument, Battery, and Source Check Sheet"
 - EPI-FAP15-003, "Radiation Monitoring Point Data Sheet"
 - EPI-FAP15-004, "Plant Parameter Data Requested/Provided"
 - EPI-FAP15-005, "Personnel Contamination Status"
 - EPI-FAP15-006, "OFIS Instructions"
 - EPI-FAP15-007, "Critical Parameter Data Sheet-MP1"
 - EPI-FAP15-008, "Critical Parameter Data Sheet-MP2"
 - EPI-FAP15-009, "Critical Parameter Data Sheet-MP3"
 - EPI-FAP15-010, "Emergency Team Briefing Sheet"
 - EPI-FAP15-011, "Fitness for Duty Questionnaire"
 - EPI-FAP15-012, "SERO Log Sheet"
 - EPI-FAP15-013, "EOF Air Handling and High Radiation Filtration System"
 - EPI-FAP15-014, "State Police, Waterford Police, and Tri-Town Radio System"
- 2.2 If an action is not appropriate under existing conditions or was not necessary for the event, enter N/A when completing the documentation for submittal.
- 3. SUMMARY OF CHANGES
- 3.1 Revision 000-01
 - 3.1.1 Added a new form which provides instructions for operating the State police, Waterford police, and Tri-Town radio system.
- **3.2** Revision 000
 - 3.2.1 Original issue

①

Attachment 1 Responsibilities

	(Sheet 1 of 1)
1.	SERO personnel are responsible for obtaining and completing the necessary forms to complete tasks identified in their respective position checklists.
	•
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Docket Nos. 50-245 50-336 50-423 B18668

Attachment 4

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

Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP) MP-26-EPI-FAP15-014, "State Police, Waterford Police, and Tri-Town Radio System" Major Revision 0

2/13/02	
Approval Date	

2/14/02

Effective Date

Initiated By:	Patti Luc	key	Date .	3/4/02	Department	: _	EPD		Ext.:	5474
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MP-05-DC-SAP01-001 Rev. 003-02

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Effective Date

State Police, Waterford Police, and Tri-Town Radio System

NOTE

- 1. The radio systems discussed in this form are installed in and operable from the radio consoles located in the Units 2 and 3 Control Rooms. The Tri-Town system is also operable from the Emergency Operations Facility (EOF).
- 2. This radio system allows Millstone to communicate with public officials from Waterford, East Lyme, and New London in the event telephone service is lost.

:	Sect	ion A: '	Tri-Tow	n Rac	lio (Transmit/Receive (T/R) Module)
Control Room		1.			unicating via the Tri-Town radio system, Refer To Section F, adio System Call Letters."
		2.	To tran	ısmit, p	perform the following:
				a)	On the Tri-Town T/R module, depress the SELECT (GREEN) button.
				b)	Place the F1, F2 button in the F1 position.
				c)	Depress and hold the XMIT (RED) button and speak into the microphone.
				d)	After speaking, release the XMIT button.
		3.	To rece	eive, p	erform the following:

NOTE

Waterford Dispatch has the capability to send a touch tone signal to a specific Control Room or the EOF. When this occurs, an audible tone will be heard on the console signaled and an amber LED will illuminate on the Tri-Town T/R module.

a) WHEN an audible tone is received, silence the audible tone by resetting the toggle switch located on the call tone module which is adjacent to the UNSELECT AUDIO speaker.

NOTE

Audio can be heard through the UNSELECT speaker.

On the Tri-Town T/R module, depress the SELECT (GREEN) button.

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Section A: Tr	i-Tow	n Rad	lio (Transmit/Receive (T/R) Module)
-		c)	<u>IF</u> transmission is required, depress and hold the XMIT (RED) button and speak into the microphone.
1		d)	After speaking, release the XMIT button.
-		e)	To extinguish amber LED, depress the RESET button.
			·

 button. b) Place the F1, F2 button in the F1 position. c) Depress and hold the XMIT (RED) button and speak into the microphone. d) After speaking, release the XMIT button. 3. To receive, perform the following: 				NOTE
 2. To transmit, perform the following: a) On the State Police T/R module, depress the SELECT (GREEN button. b) Place the F1, F2 button in the F1 position. c) Depress and hold the XMIT (RED) button and speak into the microphone. d) After speaking, release the XMIT button. 3. To receive, perform the following: a) On the State Police T/R module, depress the SELECT (GREEN button and listen for the audio on the SELECT speaker. b) <u>IF</u> transmission is required, depress and hold the XMIT (RED) button and speak into the microphone. 				
 a) On the State Police T/R module, depress the SELECT (GREEN button. b) Place the F1, F2 button in the F1 position. c) Depress and hold the XMIT (RED) button and speak into the microphone. d) After speaking, release the XMIT button. 3. To receive, perform the following: a) On the State Police T/R module, depress the SELECT (GREEN button and listen for the audio on the SELECT speaker. b) IF transmission is required, depress and hold the XMIT (RED) button and speak into the microphone. 	1.	WHE	N call	ing the State Police, use the call sign "Troop E."
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button and speak into the microphone.			a)	On the State Police T/R module, depress the SELECT (GREEN button and listen for the audio on the SELECT speaker.
C) After speaking, release the XMIT button.			b)	<u> </u>
			c)	After speaking, release the XMIT button.
d) To extinguish amber LED, depress the RESET button.			d)	To extinguish amber LED, depress the RESET button.

	Section C: Waterford Police Radio (Transmit/Receive (T/R) Module)							
	NOTE							
	The Wateford Police radio system is used for emergency communication between Millstone, Waterford EOC, and the Waterford Police dispatcher.							
Control Room		1.	WHE	<u>N</u> calli	ng the Waterford Police, use the call sign "Headquarters."			
		2.	To transmit, perform the following:					
				a)	On the Waterford PD T/R module, depress the SELECT (GREEN) button.			
				b)	Depress and hold the XMIT (RED) button and speak into the microphone.			
				c)	After speaking, release the XMIT button.			
		3.	To receive, perform the following:					
				a)	On the Waterford PD T/R module, depress the SELECT (GREEN) button and listen for the audio on the SELECT speaker.			
				b)	<u>IF</u> transmission is required, depress and hold the XMIT (RED) button and speak into the microphone.			
				c)	After speaking, release the XMIT button.			
				d)	To extinguish amber LED, depress the RESET button.			

Section	D.	Tri-7	nwn	Radio	ÆOF.

NOTE

- 1. This radio (desk top station) allows public officials from Waterford, East Lyme, and New London to communicate with the Millstone EOF in the event telephone service is lost.
- 2. Power for this radio should be left on at all times. A green LED should be lit when power is on. The power on/off switch is located on the back of the radio right hand side.

	righ	t hand s	side.			
EOF	1.	To transmit, perform the following:				
			a)	Press down the monitor switch and adjust the volume control for a comfortable listening level.		
			b)	Release the monitor switch.		
			c)	Ensure the multi-frequency select switch is in the F1 position.		
			d)	Depress and hold the XMIT (RED) button on the handset microphone and speak into the handset using a normal speaking voice.		
			e)	WHEN transmitting, verify the red signal light appears on the control panel.		
			f)	After speaking, release the XMIT button.		
			g)	Listen for an answer to the call.		
			h)	Wait for acknowledgement to ensure the message has been received and understood.		

5	Section E: Alarms and Malfunctions - Reporting										
	NOTE										
	This section is used to report any malfunctioning of the radio at any time. The declaration of an emergency event is <i>not</i> required.										
CR or EOF	1.	Perfo	rm the	following, as applicable:							
			a)	During normal work hours, report radio malfunctions to Site IT/Telecommunications.							
			b)	After working hours, report the following to Radio Service Vendor in accordance with MP-26-EPA-REF08B, "Outside Agencies Telephone Listings - Radio Services."							
				Location of trouble							

- Type of equipment
- Nature of trouble
- Contact's name
- Contact's direct inward dial telephone number

Section F: Tri-Town Radio System Call Letters

Waterford	<u>Units</u>	East Lyme	East Lyme Units		
C.P 1	First Selectman	C.P 31	First Selectman		
C.P 2	Chief of Police	C.P 32	E.M. Director/Director of		
C.P 3	Fire Marshal		Communications		
C.P 4	Public Works Director	C.P 33	Deputy E.M. Director		
C.P 5	Director of Communications	C.P 34 C.P 35	E.M. Communications		
C.P 6	E.M. Operations Officer		E.O.C - Police Department		
C.P 8	E.M. Coordinator				
C.P 94	Oswegatchie Service / Command Unit				
Station W	Waterford Fire Dispatcher				
E.O.C.	E.M. Emergency Operations Center				
Millstone U	nit <u>s</u>				
Unit 102	Millstone Unit 2, Control Room	New London Units			
Unit 103	Millstone Unit 3	C.P 41	City Manager		
	Control Room	C.P 42	Chief of Police		
Unit 104	Millstone Emergency	C.P 43	Fire Chief		
	Operations Center	C.P 44	Public Works Director		
		C.P 45	C.P. Director		
		C.P 46	Asst. C.P. Director Operation		
		C.P 47	Asst. C.P. Director Administrative		