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

Dominion

AUG - 7 2001

Docket Nos. 50-245
50-336
50-423
B18458

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 Procedure

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

> Emergency Plan Administrative Procedure (EPAP) 1.15, "Management Program for Maintaining Emergency Preparedness," Major Revision 7. A copy of this procedure is transmitted for your records via Attachment 1.

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.

William R. Matthews, Vice President
and Senior Nuclear Executive - Millstone

cc See next page

A045

Attachment (1)

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

cc: w/o attachments

J. B. Hickman, NRC Project Manager, Millstone Unit No. 1
T. J. Jackson, NRC Inspector, Region I, Millstone Unit No. 1
J. T. Harrison, NRC 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
B18458

Attachment 1

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

Emergency Preparedness Administrative Procedure (EPAP) 1.15, Revision 7
Management Program for Maintaining Emergency Preparedness

6/28/01
Approval Date

6/29/01
Effective Date

Document Action Request

SPG# 010419-063202

A

Initiated By: _____ Date _____ Department: _____ Ext.: _____

Document No.: _____ Rev. No.: _____ Minor Rev.: _____

Title:

B

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

SEE ATTACHED DAR

Continued ☐

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

C

☐ 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)*

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* *See DC-GDL01 for guidance* ☐ Cleanup Rev ☐ Biennial Review ☐ Cancellation ☐ Supercedure

☐ TPC ☐ OTC ☐ Place in VOID

F

Reviews continued ☐	**Print**	**Sign**	**Date**	**SQR Qualified** Yes	No	Dept.	✓ if Comments
☐				☐	☐		
☐				☐	☐		
☐				☐	☐		
☐				☐	☐		
☐				☐	☐		
Licensing Basis ☐				☐	☐		
Independent ☐				☐	☐		

G

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H

1. ☐ **SQR Program Final Review and Approval**

Approval ☐ Disapproval ☐

_____
SQR Qualified Independent Reviewer / Date

Paul A. Blasioli
Process Owner / Responsible Individual

7/5/01
Approval Date

2. ☐ **SORC** ☐ **RI/PO Final Review and Approval**

_____
Process Owner / Responsible Individual Sign

Meeting No.: _____

_____
SORC Approval Signature

_____
Approval Date

I

Effective Date: 7/18/01

11 KB 7/9/01

6/27/00
Approval Date

6/30/00
Effective Date

Document Action Request

SPG# 010419-063202

A

Initiated By: K. Burgess Date: 4/3/01 Department: EPSD Ext.: 2490

Document No.: EPAP 1.15 Rev. No.: 007 Minor Rev.: 00

Title: Management Program for Maintaining Emergency Preparedness

B

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

Incorporate comments, new procedure numbers

Continued ☐

C

Instructions:

Replace entire procedure.

Continued ☐

D

TPC Interim Approval (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 ☐ Rejected - See Comments

Activity: ☒ *Revision* ☐ *Minor Revision* (See DC-GDL01 for guidance) ☐ Cleanup Rev ☐ Biennial Review ☐ Cancellation ☐ Supersedure

☐ TPC ☐ OTC ☐ Place in VOID ☐ Edit Corr.:⇒ Plant Mngt Staff Member - Approval

Comments:

RI/DPC Print Name and Date Continued ☐

F

Reviews		Print	Sign	Date	SQR Qualified Yes	SQR Qualified No	Dept.	✔ If Comments
	☐				☑	☐		
	☐				☐	☐		
Writer's Guide	☒	Keith Willis	[signature]	4-30-01	☒	☐	DA	
Validation	☒	D. Casey III	[signature]	4/27/01	☐	☑	EPSD	
50.54(q)	☒	K. Burgess	K Burgess	4/24/01	☒	☐	EPSD	
RCD	☒	K. Burgess	K Burgess	4/24/01			EPSD	
Independent	☒	T. Rigney	T. Rigney	4/26/01	☐	☑	EPSD	

G

Safety Evaluation Required ☐ Yes ☒ No Environmental Review Required ☐ Yes ☒ No

H

1. ☒ **SQR Program Final Review and Approval**

Approval ☒ Disapproval ☐

K Burgess 4/30/01
SQR Qualified Independent Reviewer / Date

Paul A. Blasioli
Department Head/Responsible Individual

7/5/01
Approval Date

2. ☐ **SORC/PORC/RI/DH Final Review and Approval**

Department Head/Responsible Individual / Date

Meeting No.:

Approval Signature

Approval Date

Effective Date: 7/11/01

MILLSTONE NUCLEAR POWER STATION

EMERGENCY PREPAREDNESS ADMINISTRATIVE PROCEDURE

Management Program for Maintaining Emergency Preparedness

EPAP 1.15

Rev. 007

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

STOP THINK ACT REVIEW

Approval Date: 7/5/01

Effective Date: 7/11/01

Level of Use
Information

Management Program for Maintaining Emergency Preparedness

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EPAP 1.15–002, "SERO Removal Form"

EPAP 1.15–003, "Unit Event Backup Codes"

1. INSTRUCTIONS

1.1 Station Personnel

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.

– End of Section 1.1 –

1.2 Responsibilities of the Emergency Planning Process Owner for Maintaining Emergency Preparedness

The Emergency Planning Process Owner (EPPO) has overall responsibility for the Nuclear Emergency Preparedness Program and is the Chair of the Emergency Preparedness Curriculum Advisory Committee. Responsibilities are defined in Emergency Planning Services documents and NGP 2.04, "Nuclear Incidents Response and Recovery."

EPPO

1.2.1 RESPOND to emergency preparedness audits and evaluations.

1.2.2 IMPLEMENT SERO on–call schedules and performance reports.

1.2.3 DEVELOP and CONDUCT station Emergency Planning drills and exercises.

1.2.4 Biennially REVIEW 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.

1.2.5 COORDINATE the development and distribution of emergency preparedness documents.

1.2.6 ESTABLISH SERO position owners and DOCUMENT in Attachment 5.

1.2.7 PROVIDE SERO qualification status to SERO position owners on a routine basis.

1.2.8 PROVIDE listing of SERO members personal information to SERO position owners for verification on a routine basis.

1.2.9 At least quarterly, PROVIDE SERO Roster to SERO organization.

1.2.10 REVIEW the development of emergency preparedness training curriculum.

1.2.11 ENSURE station personnel correct identified emergency preparedness conditions adverse to quality and areas for improvement.

1.2.12 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and ENSURE responsible process owners maintain emergency response in a state of readiness at all times.

1.2.13 Refer To EPAP 1.15–001, "SERO Training and Qualification Record," and COORDINATE completion of qualifications for each new SERO member.

1.2.14 ENSURE Millstone Station Emergency Plan and associated procedures are maintained.

1.2.15 Refer To Attachment 6, "Roles and Responsibilities for Emergency Preparedness Dose Assessment," and ENSURE responsibilities are carried out.

1.2.16 REVIEW emergency planning and response information forwarded from Station Management for possible adoption.

1.2.17 COORDINATE with off–site agencies and local officials, and ENSURE off–site Emergency Plan Program is maintained and areas of responsibility are effectively carried out.

– End of Section 1.2 –

1.3 Station Management Actions for Maintaining Emergency Preparedness

CNO

1.3.1 ASSIGN Senior Management to DSEO position.

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

1.3.2 MAINTAIN a "4 team" rotation for SERO duty (i.e., red, white, blue, gold).

1.3.3 IF vacancies exist, ENSURE weekly rotation coverage is provided by remaining position holders during reduced staffing periods.

1.3.4 ENSURE adequate station support is provided for emergency preparedness functions.

1.3.5 AUTHORIZE the conduct of drills and exercises.

1.3.6 ENSURE personnel within reporting chain who are assigned to SERO maintain their SERO qualifications.

1.3.7 Refer To and COMPLETE EPAP 1.15–001, "SERO Training and Qualification Record," to initiate assignment of personnel in your reporting chain to the SERO.

1.3.8 Refer To and COMPLETE EPAP 1.15–002, "SERO Removal Form," to initiate removal of SERO personnel in your reporting chain.

1.3.9 Refer to Attachment 5, "SERO Qualifications and Reporting Location," and REVIEW for assigned SERO position owners.

1.3.10 REVIEW and FORWARD to the EPPO, industry or regulatory information regarding any aspect of emergency planning or emergency response including but not limited to the following:

- Information from utility self–assessments
- NRC communications and proposed regulations
- Results of technical studies and assessments
- Information from ongoing research programs
- Lessons learned from training and drills

MPOs and VP, Nuclear Tech Svcs, Millstone

1.3.11 ENSURE personnel are provided to support emergency preparedness activities.

1.3.12 REVIEW drill critiques and ENSURE applicable corrective actions are implemented.

1.3.13 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and PROVIDE a point of contact to the EPPO for listed organizations.

Process Owners and Team Leads

1.3.14 Refer To Attachment 2 and PERFORM the following:

a. ASSIGN personnel to perform applicable actions.

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 EPSD)
- Attachment 3, "Emergency Response Facility Readiness Check Report Form"

c. VERIFY emergency equipment and instruments are operationally available at least once each quarter and after each use.

1.3.15 ENSURE personnel are briefed on extent of drill participation.

1.3.16 IF requested by SERO Team DSEOs, ASSIGN personnel to SERO.

1.3.17 ENSURE the department list of SERO members in NUTIMS is current.

1.3.18 IF a SERO vacancy occurs, NOTIFY the following:

a. Team DSEO

b. MPOs and VP, Nuclear Technical Services, Millstone

c. Remaining SERO members for the position

d. EPPO

1.3.19 PROVIDE personnel to participate in emergency response scenario development, drills, and exercises.

1.3.20 MAINTAIN SERO on–call independent rotation schedules for the following positions:

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

Team DSEO

1.3.21 OVERSEE team activities including the following:

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

1.3.22 ENSURE SERO on–call position rotation schedules are developed.

1.3.23 RESOLVE SERO staffing issues.

SERO Position Owners

1.3.24 MAINTAIN SERO position activities as follows:

a. ASSIGN personnel to owned positions.

b. COORDINATE with the following to fill existing or potential vacancies:

- Team DSEO
- Emergency Planning Services Department
- Training

c. ENSURE position holders maintain qualifications.

d. Refer To EPAP 1.15–002 and AUTHORIZE removal of individuals from SERO.

e. NOTIFY other position holders of actual or pending vacancies and ESTABLISH formal rotation of duty to compensate for vacancy.

f. MAINTAIN position staffing.

NFSA

1.3.25 Refer To Attachment 6, "Roles & Responsibilities for Emergency Preparedness Dose Assessment," and ENSURE areas of responsibility are carried out.

RDAC

1.3.26 Refer To and IMPLEMENT Attachment 7, "Radiological Dose Assessment Committee at NU."

– End of Section 1.3 –

1.4 SERO Personnel

It is the expectation of management that the SERO pager remain on, operable, and monitored so that emergency pager messages may be received and responded to appropriately.

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

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

1.4.1 Refer To Attachment 5, "SERO Qualifications and Reporting Location,"and IDENTIFY reporting location.

1.4.2 IF pager fails to operate properly, OBTAIN a replacement from one of the following:

- During normal working hours, REQUEST EPPO provide replacement pager.
- After normal working hours, REQUEST Security Shift Supervisor provide replacement pager from NAP Security Office.

1.4.3 NOTIFY EPPO of any changes to the following:

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

1.4.4 Refer To Attachment 5 and NTP 7.212, "Training Program Description," and MAINTAIN job specific and SERO qualifications current.

On–Call and Subject to Call SERO Members

1.4.5 Refer To Attachment 5 and MAINTAIN qualifications and proficiency for initial qualification of emergency response duties as follows:

- Refer To NTP 7.212, "Training Program Description," and COMPLETE SERO Training.
- COMPLETE respirator qualifications required by SERO position.
- COMPLETE radworker qualifications required by position.
- MAINTAIN "Fitness for Duty" program requirements.
- MAINTAIN station access required by assigned position.
- MAINTAIN job specific requirements including license or certification, as appropriate.

1.4.6 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 5.
- PERFORM as one of the following for related position:
  - Drill controller
  - Evaluator
  - Position coach or mentor

1.4.7 Refer To EPAP 1.15–002, "SERO Removal Form," and COMPLETE all information including the following:

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

– End of Section 1.4 –

1.5 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

1.5.1 PERFORM the following while on–call and on–duty:

- ADHERE to the fitness for duty policies.
- REMAIN within 60 minutes travel time of reporting location.

NOTE

Once the Emergency Response Facilities are staffed and operational, SERO members shall not call back into the Emergency Notification and Response System.

- ACKNOWLEDGE initial pager activations.

1.5.2 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.

On–Call and Not On–Duty SERO Positions

1.5.3 IF on–call and *not* on–duty, PERFORM the following:

NOTE

1. The approximate 10 minute wait to acknowledge pager activations is to allow for initial calls by on–call and on–duty responders to access the system.
2. Once the Emergency Response Facilities are staffed and operational, SERO members shall not call back into the Emergency Notification and Response System.

a. IF fit for duty AND within 60 minutes travel time of reporting location, ACKNOWLEDGE initial pager activations after waiting approximately 10 minutes.

b. IF *not* fit for duty and contacted by the MOR, COMPLY with the instructions provided.

1.5.4 Using SERO call–in card instructions, PERFORM the following to acknowledge pager activations:

NOTE

1. For open positions, the caller will be instructed to report. For filled positions, subsequent callers will be directed to remain available.
2. Do not hang up until the system has disconnected.
3. If a position is not acknowledged, the vendor will automatically page and dial the home telephone number of all personnel assigned to a position until the position is filled.

a. 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 is *not* open, REMAIN available to respond.

b. 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. EPAP 1.15–003 provides information on unit event backup codes.

c. IF a unit event code (e.g., ID 101, 201, 301) is received, immediately REPORT to assigned emergency response facility.

– End of Section 1.5 –

1.6 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 on–call and on–duty responders to access the system.
3. Once the Emergency Response Facilities are staffed and operational, SERO members shall not call back into the Emergency Notification and Response System.

1.6.1 IF fit for duty, 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. It is not considered acceptable to wait up to 4 hours to fill a position.
2. If a position is vacant, the DSEO may elect to fill the position by appointment until a fully qualified individual is available.
3. All Accident Management Team positions shall be staffed within 90 minutes of notification.

1.6.2 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 directed to remain available.

1.6.3 Using SERO call–in card, DIAL the toll–free telephone number and COMPLY with the instructions provided.

– End of Section 1.6 –

1.7 On–Shift Positions

1.7.1 Refer To Attachment 5 and IDENTIFY reporting location.

Shift Technician and Station Duty Officer

1.7.2 WHEN notified of an Unusual Event, REPORT to affected unit control room.

All On–shift SERO Positions

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

– End of Section 1.7 –

1.8 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 1.8.1 in that 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 EPPO 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.

EPPO

1.8.1 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 Plan Training Drills

- Exercises
- Off–site public alerting siren tests
- Off–hour Drills
- Assembly and Accountability Drills

1.8.2 REQUEST drill support from other departments, as applicable.

1.8.3 ENSURE Nuclear Training Department conducts fire drills.

1.8.4 CONDUCT formal critique after each of the following:

- Drill
- Series of drills
- Exercise

– End of Section 1.8 –

1.9 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 EPPO 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 Emergency Planning Services Department Instruction EPDI 06, "Emergency Facilities and Equipment."

Station Personnel

1.9.1 Refer To Attachment 2, "Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance," and ENSURE facilities are maintained, as assigned.

1.9.2 PERFORM equipment check or maintenance at required intervals and after each use.

1.9.3 Refer To Attachment 3, "Emergency Response Facility Readiness Check Report Form," or other appropriate documentation and PROVIDE documentation of completed activities to the EPPO.

1.9.4 Promptly REPORT problems to the EPPO.

1.9.5 IF alteration or modification of ERF or equipment is required, NOTIFY the EPPO before alteration or modification is performed.

Unit Chemistry Technicians and RAE

1.9.6 Refer To Attachment 4, "Documentation of Testing of Dose Assessment Computer Program," and TEST dose assessment computer program.

– End of Section 1.9 –

1.10 Severe Accident Management

EPPO

1.10.1 Severe accident management (SAM) documents developed for the Millstone units will be owned by the Emergency Planning Services Department. Technical expertise for the contents of the documents will be provided by the Unit Operations Department and the Safety Analysis Branch.

1.10.2 Drills requiring implementation of SAM Guidelines (SAM–G) will be conducted as part of the scheduled 6–year objectives for each operating unit. The SAM–G drill objectives shall test and evaluate the unit severe accident management response capabilities. The drill scenario shall be of sufficient complexity and challenge to require the development of multiple SAM strategies. Drill core objectives will be included in accordance with EPDI–07, "Drill and Exercise Manual."

1.10.3 SAM–G training shall be provided on a 6–year frequency for continuing training purposes.

– End of Section 1.10 –

2. REFERENCES

2.1 Developmental Documents

2.1.1 Millstone Nuclear Power Station Emergency Plan

2.1.2 NUREG–0654, Revision 1, "Criteria for Preparation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"

2.1.3 NUREG–0737, "Clarification of TMI Action Plan Requirements, Supplement 1, Requirements for Emergency Response Capability"

2.1.4 MP–28–MET–PRG, "Meteorological Monitoring"

2.1.5 AR 99016164–01, "Review of Millstone Emergency Plan for impact on Chemistry Technician"

2.1.6 AR 99016508–03, "Nuclear Training Department conducts fire drills"

2.1.7 AR 99016508–06, "Specify off–site responsibilities of Manager EPSD"

2.1.8 AR 00002141–04, "Remove Unit 1 personnel from Station Director Position Owner responsibilities"

2.2 Supporting Documents

2.2.1 TQ 1, "Personnel Qualification and Training"

2.2.2 NGP 2.04, "Nuclear Incidents Response and Recovery"

2.2.3 NTP 7.212, "Training Program Description"

2.2.4 RPM 4.8.5, "Emergency Radiological Equipment Maintenance and Inspection."

2.2.5 OA 8, "Ownership, Maintenance, and Housekeeping of Site Buildings and Facilities and Equipment"

2.2.6 QAP, MP–02–OST–BAP01, "Quality Assurance Program Topical Report"

2.2.7 MP–05–DC–SAP01, "Administration of Manuals, Procedures, Guidelines, Handbooks, and Forms

3. COMMITMENTS

3.1 NU Letter B14268 commits Millstone to have procedures to accommodate the implementation of ERDS.

3.2 NU Letter A06789 commits Millstone to surveille computer hardware (OFIS) quarterly.

3.3 NU Letter A02567 commits Millstone to monitor emergency equipment, including communications.

4. SUMMARY OF CHANGES

4.1 Changed NUQAP to QAP in step 1.2.4 and step 2.2.6.

4.2 Added VP, Technical Services, Millstone as the owner for the Assessment Process in steps 1.3.11 and 1.3.18.

4.3 Changed RAE, SAB to Nuclear Fuels and Safety Analysis in step 1.3.25, Attachment 6 and Attachment 7.

4.4 Added Unusual Event as a classification in step 1.7.2 for ST and SDO positions to report to their designated emergency response facilities.

4.5 Added "NFSA" to Attachment 1 abbreviations.

4.6 Deleted reference to OFIS users guide in Attachment 1.

4.7 In Attachment 2, updated references for C–OP 600.1 to C–SP 600.1; updated SP 699 to C–SP 600.12; updated C–OP 600.3 to C–SP 600.3.

4.8 In Attachment 2, changed frequency for testing the Met Tower Generator from quarterly to monthly; changed responsible organization to Unit 2 Operations.

4.9 In Attachment 5, changed Master Process Owner (MPO) for the ARPs, EOF HP Tech, MRCA, Rad Com, RMTs 3–4–5, RMT A–B–C–D, and Radiological Briefer to MPO Operate the Asset. Changed MPO Assessment to VP, Technical Services, Millstone. Changed Chief Nuclear Officer to VP and Senior Nuclear Executive.

4.10 In Attachment 5, changed initial drill requirement for security guard from on–the–job to Protective Services training.

4.11 Deleted reference to PORC in Attachment 6.

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. ENRS – Emergency Notification and Response System. The on–site and off–site notification system including pager and phone communications.
5. EPPO – Emergency Planning Process Owner
6. EPSD – Emergency Planning Services Department
7. ERC – External Resources Coordinator
8. ERDS – Emergency Response Data System
9. IDA – Initial Dose Assessment
10. MIDAS – Meteorological Information and Dose Assessment Model
11. MPO – Master Process Owner
12. NFSA – Nuclear Fuels and Safety Analysis
13. RAE – Radiological Assessment Engineer
14. RDAC – Radiological Dose Assessment Committee
15. RES – Radiological Engineering Section
16. SAM–G – Severe Accident Management Guidelines
17. Millstone Station Emergency Plan: The Millstone Station Emergency Plan contains requirements and organizational responsibilities and serves as the license commitment document for emergency preparedness.
18. Emergency Plan Administrative Procedure (EPAP)/Functional Administrative Procedure (FAP): Procedures that implement the Station Emergency Plan.
19. Emergency Preparedness User's Guide (EPUG): A document providing general guidance on how to operate or maintain specific emergency preparedness facilities and equipment such as ENRS and radio communication equipment. EPUGs are not subject to SORC approval. The Emergency Planning Services Department is responsible for maintaining the accuracy of EPUGs.
20. SERO on–call independent rotation: On–call personnel not assigned to a SERO Team (i.e., Mechanics, Electricians, I&C Technicians, Radiological Monitoring Teams, Health Physics Technicians, and Generation Electrical Services personnel). Department supervision will maintain an on–call rotation schedule for these personnel.

Attachment 2
Summary of Department Responsibilities for Facilities, Equipment, and Material Maintenance
(Sheet 1 of 4)

Organization	Item	Task	Freq[1]	Reference
CL&P Eastern Regional Test Group, Willimantic	Public Alerting System	Inspect and Conduct Testing	Q, A	Eastern Regional Test Group, Procedure 00I 003 EPDI 05
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 EPDI 06
Telecommunication Services	Pagers, Radios, ENRS	General Support and Testing	AN	
Nuclear Document Services	FSAR, Tech Specs, Aperture Cards	Maintain Control Copies in ERFs	AN	GRITS
Nuclear Document Services	Unit – Specific Procedures	Maintain Control copies in EOF	AN	Passport
Nuclear Document Services	EOF and TSC Aperture Card Readers	Update and Check	Q	NDM 04
Emergency Planning Services	SERO Notification System	Test and Maintain	M	EPDI 06 C–SP 600.1
Emergency Planning Services	ERF Phone and Fax Equipment	Perform Operability Check	M,Q	EPDI 06
Emergency Planning Services	ERF Radios	Perform Operability Check	Q	EPDI 06
Emergency Planning Services	ERF Support Equipment, Furniture, and Supplies [✤ Comm. 3.3]	Maintain and Conduct Inventories	Q, AEU	EPDI 06
Emergency Planning Services	ERF Communications	Surveillance	M	EPDI 06
Emergency Planning Services	OFIS	Perform Operability Test	M	EPDI 06

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

(Sheet 2 of 4)

Organization	Item	Task	Freq[1]	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	EPAP 1.15, Att. 4 EPUG 07 FAP10
Nuclear Document Services	Unit – Specific Procedures	Maintain Control Copies in TSC	AN	Passport
Nuclear Document Services/EPSD	Emergency Planning 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
Security	Station Page and Evacuation Siren	Monitor Outside Speakers when Units Conduct Test.	M/Q	C–SP 600.1
Security	CR/Security Hot Links	Phone Checks	D	Security Procedure
Site Facilities	Emergency Response Facilities	Building Services (Janitorial, Plumbing, Lighting)	AN	
Emergency Planning Services	Millstone EPlan Resource Book	Update	Q	EPUG 08B

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–1 Operations	U–1 PA Speakers	Test	M/Q	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/Q	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/Q	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–1, 2, 3)	Drawings	Maintain Control Copies in ERFs.	AN	Master Control Index
Unit Operations (U–1, 2, 3)	Radio Communications (Waterford, State, Tri–Town)	Test[2]	D	C–SP 600.3
Unit Operations (U–1, 2, 3)	Unit Page, Siren System and Evacuation Alarm	Test[2]	M	C–SP 600.1
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
Unit Chemistry (U–2,3)	PASS	System Surveillance		CP–(2800, 3800)
IT	ERDS, OFIS [✤Comm 3.1, 3.2]	General Support and Testing	Q	EPDI 06 EPDP 10

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
Emergency Response Facility Readiness Check Report Form
(Sheet 1 of 1)

Item Titles, Location, or Procedure Checked:		
Name:	Date:	
Items	Results/Corrective Actions	Date/Name/Ext
Example ("ERF Walk Through")		
Hotline from Unit 2 Control Room to EOF is not operational.	Reported to telecommunications on _____. Phone will be checked and repaired.	9/9/99, J. Eprep Ext. 9999

Complete and return to Emergency Planning Services Department.

_____ Signature _____ Ext. _____ Date

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 EPSD.

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
Unit 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 EPSD.

Attachment 5
SERO Qualifications and Reporting Location (3)
(Sheet 1 of 7)

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

Attachment 5
SERO Qualifications and Reporting Location (3)
(Sheet 2 of 7)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal-Yes/No	Initial (4) Drill/OJT/ Walk-Thru
Meteorological Assistant	MET	STC	EOF	No	No	MPO Support Services	Yes	Walk-Thru
Manager of Resources	MOR	OC	EOF	No	No	MPO Procure the Asset	Yes	Drill
Manager of Security	MOS	STC	TSC/OSC	No	Yes	MPO Support Services	Yes	Drill
Manager Public Information	MPI	OC	EOF	No	No	MPO Communications	Yes	Drill
Manager Radiological Consequence Assessment	MRCA	OC	TSC/OSC	No	Yes	MPO Operate the Asset	Yes	Drill
Nuclear News Manager	NNM	OC	Media Cntr	No	No	MPO Communications	Yes	Drill
CBETS Operator	CBETS	STC	OSC AA	No	Yes	MPO Support Services	Yes	Walk-Thru
Radiological Communicator	RADCOM	STC	EOF OSC AA	No	Yes	MPO Operate the Asset	Yes	Walk-Thru
Radiological Assessment Engineer	RAE	STC	EOF	No	No	MPO Manage the Asset	Yes	Drill
Radiological Monitoring Team 3 Lead	RMT3	OC	EOF	Yes	Yes	MPO Operate the Asset	Yes	Walk-Thru
Radiological Monitoring Team Driver*	RMTDRV	OC	EOF	Yes	Yes	VP, Technical Services, Millstone	Yes	Walk-Thru
Radiological Monitoring Team 4 Lead	RMT4	OC	EOF	Yes	Yes	MPO Operate the Asset	Yes	Walk-Thru
Radiological Monitoring Team Driver*	RMTDRV	OC	EOF	Yes	Yes	VP, Technical Services, Millstone	Yes	Walk-Thru
Radiological Monitoring Team 5 Lead	RMT5	OC	EOF	Yes	Yes	MPO Operate the Asset	Yes	Walk-Thru

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

Attachment 5
SERO Qualifications and Reporting Location (3)
(Sheet 3 of 7)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal-Yes/No	Initial (4) Drill/OJT/ Walk–Thru
Radiological Monitoring Team Driver*	RMTDRV	OC	EOF	Yes	Yes	VP, Technical Services, Millstone	Yes	Walk–Thru
NAP Radiological Monitoring Team	RMTA	OC	NAP	Yes	Yes	MPO Operate the Asset	Yes	Walk–Thru
NAP Radiological Monitoring Team	RMTB	OC	NAP	Yes	Yes	MPO Operate the Asset	Yes	Walk–Thru
SAP Radiological Monitoring Team	RMTC	OC	SAP	Yes	Yes	MPO Operate the Asset	Yes	Walk–Thru
SAP Radiological Monitoring Team	RMTD	OC	SAP	Yes	Yes	MPO Operate the Asset	Yes	Walk–Thru
Station Duty Officer	SDO	OS	CR	Yes	Yes	MPO Operate the Asset	No	OJT
Technical Support Center Reactor Engineer	TSCRE	OC	TSC/OSC	No	Yes	MPO Manage the Asset	Yes	Walk–Thru
Technical Assistant	TA	STC	Media Center	No	No	VP, Technical Services, Millstone	Yes	Walk–Thru
Chemistry Technician	CHEM-TECH	OS	CR	Yes	Yes	MPO Operate the Asset	No	Walk–Thru
RMT #1	HPTECH	OS	CR	Yes	Yes	MPO Operate the Asset	No	Walk–Thru
Unit 1 PEO/NCO	U1PEO/ NCO	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 1 Technical Support Center Shift Manager	U1 TSCSM	STC	TSC/OSC	No	Yes	MPO Operate the Asset	No	OJT

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

Attachment 5
SERO Qualifications and Reporting Location (3)
(Sheet 4 of 7)

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	MPO Operate the Asset	Yes	Drill
Unit 2 Control Room Data Coordinator	U2CRDC	STC	CR	No	Yes	MPO Training	Yes	Walk–Thru
Unit 2 Electrician	U2ELEC	OC	OSC AA	Yes	Yes	MPO Maintain the Asset	No	Walk–Thru
Unit 2 Instrument & Control Operational Support Center	U2I&C OSC	STC	TSC/OSC	No	Yes	MPO Maintain the Asset	Yes	Drill
Unit 2 Instrument & Control Technician	U2I&C TECH	OC	OSC AA	Yes	Yes	MPO Maintain the Asset	No	Walk–Thru
Unit 2 Mechanic	U2MECH	OC	OSC AA	Yes	Yes	MPO Maintain the Asset	No	Walk–Thru
Unit 2 Manager of Communications	U2MOC	OC	EOF	No	No	MPO Training	Yes	Walk–Thru
Unit 2 Manager of Operational Support Center	U2MOSC	OC	TSC/OSC	No	Yes	MPO Maintain the Asset	Yes	Drill
Unit 2 Manager of Technical Support Center	U2MTSC	OC	TSC/OSC	No	Yes	MPO Manage the Asset	Yes	Drill
Unit 2 Operational Support Center Maintenance Assistant	U2 OSCMA	STC	TSC/OSC	No	Yes	MPO Maintain the Asset	Yes	Drill
Unit 2 PEO	U2PEO	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 2 Control Operator	U2CO	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)

Attachment 5

SERO Qualifications and Reporting Location (3)

(Sheet 5 of 7)

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

Attachment 5
SERO Qualifications and Reporting Location (3)
(Sheet 6 of 7)

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	MPO Training	Yes	Walk–Thru
Unit 3 Manager of Operational Support Center	U3MOSC	OC	TSC/OSC	No	Yes	MPO Maintain the Asset	Yes	Drill
Unit 3 Manager of Technical Support Center	U3MTSC	OC	TSC/OSC	No	Yes	MPO Manage the Asset	Yes	Drill
Unit 3 Operational Support Center Maintenance Assistant	U3 OSCMA	STC	TSC/OSC	No	Yes	MPO Maintain the Asset	Yes	Drill
Unit 3 PEO	U3PEO	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 3 Control Operator	U3CO	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 3 STA	U3STA	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 3 Technical Information Coordinator	U3TIC	OC	EOF	No	No	MPO Training	Yes	Walk–Thru
Unit 3 Technical Support Center Electrical Engineer	U3 TSCEE	OC	TSC/OSC	No	Yes	MPO Manage the Asset	Yes	OJT
Unit 3 Technical Support Center Mechanical Engineer	U3 TSCME	OC	TSC/OSC	No	Yes	MPO Manage the Asset	Yes	OJT
Unit 3 Technical Support Center Shift Manager	U3 TSCSM	STC	TSC/OSC	No	Yes	MPO Operate the Asset	No	OJT
Unit 2 Unit Supervisor	U2US	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 3 Unit Supervisor	U3US	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Security Guard	SECGRD	OS	POST	Yes	Yes	MPO Support Services	No	(9)
Security Shift Supervisor	SSS	OS	CAS	No	Yes	MPO Support Services	No	OJT

Attachment 5

SERO Qualifications and Reporting Location (3)

(Sheet 7 of 7)

Position	Code	CAT	LOC	RESP	RAD	SERO Position Owners	Drill Requirements	
							Annual Requal-Yes/No	Initial (4) Drill/OJT/ Walk–Thru
Manager Radiological Dose Assessment	MRDA	OC	EOF	No	No	MPO Operate the Asset	Yes	Drill
Unit 3 Shift Technician	U3ST	OS	CR	Yes	Yes	MPO Operate the Asset	Yes	OJT
Unit 1 Shift Manager	U1SM	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 2 Shift Manager	U2SM	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Unit 3 Shift Manager	U3SM	OS	CR	Yes	Yes	MPO Operate the Asset	(1)	(1)
Alarm Station Supervisor	SECSUP	OS	CAS/SAS	Yes	Yes	MPO Support Services	No	OJT
Regulatory Liaison (7)	RL	STC	EOF	No	No	VP, Technical Services, Millstone	No	Walk–Thru
State Emergency Planning Liaison (7)	SEPL	STC	State EOC	No	No	VP, Technical Services, Millstone	No	Walk–Thru
Station Emergency Planning Representative (7)	SEPR	STC	EOF	No	No	VP, Technical Services, Millstone	No	Walk–Thru
Media Center Liaison (7)	MCL	STC	Media Center	No	No	MPO Communications	No	Walk–Thru
Rumor and Inquiry Control Liaison (7)	RICL	STC	Media Center	No	No	MPO Communications	No	Walk–Thru
Technical Briefer (7)	TB	STC	Media Center	No	No	MPO Operate the Asset	No	Walk–Thru
Radiological Briefer (7)	RB	STC	Media Center	No	No	MPO Operate the Asset	No	Walk–Thru

(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 not described in the Millstone Station Emergency Plan.
(8) SAM required for initial qualifications
(9) Security Guard training is provided by Protective Services personnel.

Attachment 6
Roles and Responsibilities for Emergency Preparedness Dose Assessment

(Sheet 1 of 2)

Area	EPPO	NFSA
Emergency Plan (Includes Ingestion Pathway Plan)	EPPO shall: • 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: • Provide radiological technical expertise requested • Provide compliant support • Support the review and approval process
Radiological Dose Assessment Committee (RDAC)	EPPO shall: • 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: • 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	EPPO shall: • 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: • 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 6
Roles and Responsibilities for Emergency Preparedness Dose Assessment

(Sheet 2 of 2)

Area	EPPO	NFSA
Tools and Software	EPPO shall: • Own required tools and software • Be responsible for budgeting 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/change • Own Quality Software (QS) and associated documentation	NFSA shall: • Produce requirements document specifying needs, acceptance criteria and process bids • Recommend through the RDAC the selection of tools and software • Develop internal software (as necessary or as appropriate) • Provide development support • Provide testing • Provide QS documentation • Provide overall radiological technical support
Scenario Development	EPPO shall: • 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	NFSA shall: • 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 7
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 – (EPPO) – Chairperson
   - Radiological Engineering – (Rad. Engineering Services) – Co–chairperson
   - Station Health Physics
   - Training – (EP 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 on a no less frequent basis than once per calendar quarter in order to review functional status. Meeting notes shall be published and maintained on file in the Emergency Planning Services Department.

5. **Authority:**

   This committee will forward recommended assignments to the EPPO 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 EP and NFSA management for disposition.