

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



DominionSM

DEC 18 2003

Docket Nos. 50-245

50-336

50-423

B19025

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

In accordance with 10 CFR 50, Appendix E, Dominion Nuclear Connecticut, Inc. hereby notifies the U.S. Nuclear Regulatory Commission that the following Emergency Plan procedures have been implemented:

- MP-26-EPI-FAP04-001, "Director of Station Emergency Operations (DSEO)," Major Revision 1, Minor Revision 4, transmitted via Attachment 1;
- MP-26-EPI-FAP04-012, "Public Information Technical Advisor (PITA)," Major Revision 1, Minor Revision 2, transmitted via Attachment 2;
- MP-26-EPI-FAP05-001, "Chief Technical Spokesperson (CTS)," Major Revision 1, Minor Revision 2, transmitted via Attachment 3;
- MP-26-EPI-FAP05-003, "Nuclear News Manager (NNM)," Major Revision 1, Minor Revision 2, transmitted via Attachment 4;
- MP-26-EPI-FAP06-002, "Millstone Unit 2 Emergency Action Levels," Major Revision 2, transmitted via Attachment 5;
- MP-26-EPI-FAP06-003, "Millstone Unit 3 Emergency Action Levels," Major Revision 1, Minor Revision 3, transmitted via Attachment 6; and
- MP-26-EPI-FAP13, "News Releases," Major Revision 1, Minor Revision 1, transmitted via Attachment 7.

There are no regulatory commitments contained within this letter.

AD45

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If you should have any questions concerning this submittal, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.



J. Alan Price
Site Vice President - Millstone

Attachments (7)

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

cc: w/o attachment

D. G. Holland, NRC Project Manager, Millstone Unit No. 1
R. Prince, NRC Inspector, Region I, Millstone Unit No. 1
R. M. Pulsifer, NRC Project Manager, Millstone Unit No. 2
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3
Millstone Senior Resident Inspector

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Attachment 1

Millstone 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, Minor Revision 4**

11-18-03

Approval Date

11-21-03

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. Contact the CR-DSEO and formally relieve him 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):
 - Call Control Room and ensure outside speakers are activated.
 - Announce the following:

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: _____)

Section A: EOF Activation/Transfer of Command and Control

NOTE

1. State/local authorities may deploy offsite responders such as the National Guard or State/local police to the Millstone Station in response to a security-related threat. The State of CT and Waterford Police will be responsible for protective measures for these forces, as necessary (i.e., providing and issuing potassium iodide (KI) in a timely manner, maintaining doses ALARA, and upgrading exposures, issuing and tracking dosimetry). The Manager of Security (MOS) will notify the ADTS of any protective actions put in place. ③
2. For an emergency event, radiological or non-radiological, that does *not* involve a security threat, the station would consider these offsite responders as “non-essential” to the event and evacuate them from the site. However, they are still under the State’s authority and the State may require they stay on site.

- ☐ 9. Perform an update briefing with the CR-DSEO and the ADTS using EPI-FAP15-001, “DSEO/ADTS Briefing Sheet,” as a guide.
 - Obtain information on offsite responders (i.e., National Guard) onsite or responding to the site and any protective actions in place. ③
- ☐ 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 Chief Technical Spokesperson (CTS). ①

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 Emergency Communicator 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 *not* be advisable to sound an alarm or make a PA 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.
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.

Section B: Classification Upgrade Immediate Actions

- 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 Chief Technical Spokesperson. | ②
 - ☐ 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 Chief Technical Spokesperson (CTS) of the event. | ② | ①
 - ☐ 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 minimum staffing and full staffing positions and direct the MOR to contact personnel for unfilled positions. ①
- ☐ 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.

NOTE

DSEO pre-approved news release templates may be used by the PITA/NNM to issue news releases during fast changing emergency event classifications until additional information is available. Follow-up news releases shall be reviewed and approved by the DSEO/CTS. ④

- ☐ 5. Approve all news releases forwarded from the ADEOF before issuing from the EOF. ①
- ☐ 6. Authorize the CTS to approve news releases once the State EOC is staffed and news releases are issued through the JMC.
- ☐ 7. 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.
- ☐ 8. Obtain the status on any precautionary dismissal, evacuation and accountability activities in progress from the MOS.
 - IF offsite resources are onsite, obtain status on activities and protective actions in place from the ADTS.

NOTE

The State of CT and Waterford Police are responsible for emergency exposure upgrades for offsite responders onsite. ③

- ☐ 9. 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.

- ☐ 10. 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).
- ☐ 11. Notify the SERO of any significant changes in conditions using the PA system.
- ☐ 12. Review and provide concurrence for any Severe Accident Management strategy that could potentially affect the general public or offsite activities.
- ☐ 13. Request assistance from federal authorities to support the station response efforts, as necessary.

Section C: Routine Activities

- ☐ 14. Approve relief schedules developed by the MOR.
- ☐ 15. Ensure EOF habitability controls have been considered for events involving increased radiation levels around the facility.
- ☐ 16. Conduct periodic briefings with the ADEOF and facility managers.
- ☐ 17. Periodically provide the CTS with the following information via the open communications line: ②
 - Event/Plant Status using EPI-FAP15-001, "DSEO/ADTS Briefing Sheet."
 - News releases prepared or in progress.
- ☐ 18. Refer To EPI-FAP15-001, " DSEO/ADTS Briefing Sheet," and periodically update the Richmond Corporate Executive on the event status.
- ☐ 19. Consult with the ADTS and ADEOF on the status of each unit and station conditions.
- ☐ 20. Before NRC Site Team arrival, direct the Regulatory Liaison to prepare information for NRC briefing.
- ☐ 21. Periodically discuss conditions and events with the NRC Site Team Leader or Director of Site Operations.
- ☐ 22. 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
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Attachment 2

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

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

MP-26-EPI-FAP04-012, "Public Information Technical Advisor (PITA)"

Major Revision 1, Minor Revision 2

11-18-03

Approval Date

11-21-03

Effective Date

Public Information Technical Advisor (PITA)

①

This form provides guidance to the PITA 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 PITA telephones (commercial and hotline) are operational. ①
- ☐ 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.

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.

NOTE

DSEO pre-approved news release templates may be used by the PITA/NNM to issue news releases during fast changing emergency event classifications until additional information is available. Follow-up news releases shall be reviewed and approved by the DSEO/CTS.

- ☐ 6. Submit news releases to the ADEOF for technical review.
- ☐ 7. Submit news releases to the DSEO for approval until the State EOC is staffed by the CTS.
- ☐ 8. WHEN the State EOC is staffed with a Chief Technical Spokesperson (CTS) and Nuclear News Manager, and the CTS has assumed responsibility for news release approval, forward draft news releases directly to the NNM after the DSEO has reviewed them.
- ☐ 9. Refer To Section D, "SNET FaxWorks Instruction," and distribute news releases using SNET FaxWorks.
- ☐ 10. Notify ADEOF of significant questions and status of public information activities at the State Armory.
- ☐ 11. Request additional site support personnel from the MOR, as necessary.
- ☐ 12. WHEN calls are received, complete Section C.

Prepared by: _____

Signature

Print

Date

Section C: Rumor Control/Inquiries Form

NUMBER:				
SOURCE OF INQUIRY	☐ PHONE CALL	CALLER'S NAME	CALLER'S TELEPHONE NUMBER	
		CALLER'S AFFILIATION		
		MANNER ☐ CALM ☐ RATIONAL ☐ COHERENT ☐ EMOTIONAL ☐ ANGRY ☐ ANGRY ☐ INCOHERENT ☐ RIGHTEOUS ☐ LAUGHING		
	☐ MEDIA	HAS THIS RUMOR BEEN BROADCAST? ☐ YES ☐ NO	IF YES, WHICH MEDIA?	
	☐ OTHER	DESCRIBE		
CALL TAKEN BY:		TIME	DATE	
RUMOR / INQUIRY:				
REFERRED TO: ☐ N/A ☐ MILLSTONE ☐ STATE		DEPT OR AGENCY	NAME	
RESOLUTION:				
☐ REASSURED CALLER				
☐ GAVE CALLER THE FOLLOWING INFORMATION:				
☐ TOLD CALLER YOU WOULD CALL HIM/HER BACK				
☐ TOLD CALLER TO STAY TUNED TO LOCAL EAS STATION				
FOLLOW-UP ACTIONS REQUIRED?				
☐ YES ☐ NO IF YES, DESCRIBE FOLLOW-UP ACTION TAKEN: _____				
☐ RETURNED PHONE CALL AT _____ AM/PM				
☐ GAVE CALLER THE FOLLOWING INFORMATION:				
INFORMATION PROVIDED BY (IF DIFFERENT FROM "REFERRED TO" ABOVE):				
☐ NAME _____ NOTIFIED OF POTENTIAL PROBLEM OR TREND				
☐ OTHER _____				
		FINAL STATUS ☐ OPEN ☐ 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. Press the speaker button of MP1's fax machine and dial 9-202-216-1821. (A set of voice instructions by the SNET FaxWorks Computer will guide the process). ①
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 Discovery 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 Discovery 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 Discovery 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 Discovery 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.

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Attachment 3

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

**Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP05-001, "Chief Technical Spokesperson (CTS)"
Major Revision 1, Minor Revision 2**

11-18-03

Approval Date

11-21-03

Effective Date

Chief Technical Spokesperson (CTS)

①

This form provides guidance to the Chief Technical Spokesperson (CTS) for emergency response actions during an emergency that activates the SERO.

Section A: Initial Actions

- ☐ 1. Establish continuous communications with the DSEO upon arrival at SEOC including status of SEOC activation, SERO armory staffing, and JMC activation. (Utilize State SERO Staffing Sheet.)
- ☐ 2. Consult with the NNM to confirm Joint Media Center (JMC) activation at SEOC and status of the latest news and public information releases.
- ☐ 3. Ensure the TA is present and in communication with the TIC, and OFIS information is available.

①

NOTE

The CTS has access to site information from the following sources:

- OFIS (via Technical Assistant)
- TIC (via Technical Assistant)
- NNM
- DSEO via EOF conference calls

①

- ☐ 4. Verify DEP and OEM representatives are aware of all EAL classifications and bases and on major/key status events.
- ☐ 5. Obtain information on event and coordinate with the NNM to issue press releases and conduct press briefings.
- ☐ 6. Verify adequate staff is present at the SEOC and report status to the DSEO.
- ☐ 7. Begin and maintain a log of actions and decisions.
- ☐ 8. Conduct an initial briefing with all staff on status and priorities.

Section A: Initial Actions

NOTE

DSEO pre-approved news release templates may be used by the PITA/NNM to issue news releases during fast changing emergency event classifications until additional information is available. Follow-up news releases shall be reviewed and approved by the DSEO/CTS.

- ☐ 9. When appropriate, contact DSEO and relieve him of the responsibility for approving news releases.

Section B: Recurring Actions

- ☐ 1. Verify TA maintains current information on the following:
- Status reports on the plant and safety systems
 - Event classification basis and projections
 - Actions taken at the site (i.e., evacuation, Potassium Iodide usage, etc.)
 - Radioactive releases, imminent, ongoing, or terminated

NOTE

PARs will be communicated directly from the DSEO to the DEP. A PAR must be issued with a GENERAL EMERGENCY declaration.

- ☐ 2. Obtain bases for event classifications and PARs from the DSEO immediately after the PAR has been communicated.
- ☐ 3. Notify DSEO of State Protective Action decisions.
- ☐ 4. Attend briefings conducted by the Governor and discuss plant status and prognosis.
- ☐ 5. Consult NNM on latest news and public information releases.
- ☐ 6. Brief staff periodically on status and priorities.
- ☐ 7. Assist DEP and OEM in obtaining any other event information.
- ☐ 8. Direct the TA to maintain logs.

Prepared by: _____

Signature

Print

Date

Section C: SERO State Armory Staffing

MINIMUM STAFFING POSITIONS:

| ①

1st Shift

TIME

Chief Technical Spokesperson _____

| ①

Nuclear News Manager _____

FULL STAFFING POSITIONS:

| ①

Technical Advisor _____

Rumor Control Liaison _____

Media Center Liaison _____

Technical Briefer _____

Radiological Briefer _____

State EP Liaison _____

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Attachment 4

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

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

MP-26-EPI-FAP05-003, "Nuclear News Manager (NNM)"

Major Revision 1, Minor Revision 2

11-18-03

Approval Date

11-21-03

Effective Date

Nuclear News Manager (NNM)

This form provides guidance to the Nuclear News Manager (NNM) for emergency response actions during an Unusual Event or higher.

Section A: Initial Actions

NOTE

Media notifications for UNUSUAL EVENTS, Delta-One events that occur between the hours of 10:00 p.m. and 7:00 a.m. may be made the following morning. If a news release is being issued off-hours, it may be necessary for the NNM to proceed to the station to fax completed news releases.

- ☐ 1. IF there is an UNUSUAL EVENT perform the following actions:
- Contact the Station Duty Officer in the affected unit Control Room for information. Obtain basic information, including contact names and numbers.
 - Notify the Nuclear Communications Duty Officer of the event.
 - Complete and issue a news release to the following news media via FAX:
(Reference MP-26-EPA-REF08B section 3.20 for fax numbers.)
 - New London Day
 - Hartford Courant
 - Norwich Bulletin
 - Associated Press.

NOTE

Before the Chief Technical Spokesperson (CTS) arrives at the SEOC, the NNM represents Millstone during Governor's briefings and news conferences.

- ☐ 2. Upon arrival at the SEOC for events at an ALERT or higher, notify the CTS and State Officials of NNM presence in State EOC.

①

Section A: Initial Actions

NOTE

A spare key to the Millstone Public Information locker in the State EOC is located at the NNM desk.

- ☐ 3. Verify dedicated phone lines to the EOF Public Information Technical Advisor (PITA) are operational. ①
- ☐ 4. Coordinate activation of the Joint Media Center and Rumor and Inquiry Control Center with the Governor's Press Secretary, or designee.
- ☐ 5. Establish electronic mail (e-mail) contact with PITA (DNCMPI@dom.com) at the EOF. ①
 - Remove old news releases from past events/drills.
- ☐ 6. Refer To MP-26-EPA-REF08B, "Millstone Emergency Plan Resource Book," (6.3 Dominion Corporate Response Organization) and perform the following: ①
 - Contact the Corporate Dominion Nuclear Public Information
 - Establish connection with Corporate Dominion electronic mail via Public Affairs Website.
- ☐ 7. Maintain a log of significant events and communications.
- ☐ 8. Perform role of Media Center Liaison and/or Rumor Control Liaison until these positions are filled.
- ☐ 9. Inform the PITA when news release approval has been transferred to the CTS.

Section B: Recurring Actions

- ☐ 1. Coordinate the following with the PITA.

- Finalize news releases using EPI-FAP13, "News Releases," based on information received from the PITA, and CTS briefings.

NOTE

DSEO pre-approved news release templates may be used by the PITA/NNM to issue news releases during fast changing emergency event classifications until additional information is available. Follow-up news releases shall be reviewed and approved by the DSEO/CTS.

- Review DSEO approved news release with the CTS.
- Coordinate the issuance of news releases with both the CTS and the Governor's public information staff.
- Distribute news release using the preprogrammed fax machine as follows:
 - ⇒ Dominion Public Affairs
 - ⇒ Local Media
 - ⇒ CT State Media
 - ⇒ Government
 - ⇒ Local & Government
 - ⇒ All Lists
- Use EPI-FAP13, "News Releases," to handle rumors received at the Joint Rumor and Inquiry Control Center.
- Provide rumor trend information to public news via releases, as appropriate.
- If the Joint Media Center has not been activated, Refer To MP-26-EPA-REF08B (section 4.9.3) and provide the Associated Press (AP) with a phone number to assist the news media in contacting the NNM for verification of current information.

- ☐ 2. Supervise Millstone operations at the JMC and Rumor and Inquiry Control Area, as necessary.
- ☐ 3. Coordinate with the State Media Center Supervisor to obtain media (radio and TV) reports and immediately correct mis-information, as soon as practical.
- ☐ 4. Fax approved/distributed State news release and EAS messages to the PITA at the EOF.

Prepared by: _____

Signature

Print

Date

1

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3

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Attachment 5

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

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

MP-26-EPI-FAP06-002, "Millstone Unit 2 Emergency Action Levels"

Major Revision 2

MILLSTONE UNIT 2 EMERGENCY ACTION LEVELS

11/20/03
APPROVAL DATE

11/26/03
EFFECTIVE DATE

GENERAL EMERGENCY ALPHA GENERAL EMERGENCY BRAVO SITE AREA EMERGENCY CHARLIE-TWO ALERT CHARLIE-ONE UNUSUAL EVENT DELTA-TWO UNUSUAL EVENT DELTA-ONE

BARRIER FAILURE	LOSS OF POWER	EQUIPMENT FAILURE	OFFSITE RELEASES	CLASSIFICATION
<div>BG1</div> <div>ALL THREE BARRIERS</div> <div>Mode 1, 2, 3, 4</div> <div>See Barrier Failure Reference Table</div>	<div>PG1</div> <div>STATION BLACKOUT</div> <div>Mode 1, 2, 3, 4</div> <div>Loss of Voltage on Buses 24C AND 24D AND ANY of the Following:<ul style="list-style-type: none">Restoration of Power to AT LEAST One Vital Bus is NOT Likely Within Four HoursCore Exit Thermocouple Readings Indicate SuperheatInadequate SG Heat Removal Capability as Indicated by SG Water Level \leq 10% in BOTH SGs AND Inadequate Terry Turbine Feedwater Flow</div>	<div>EG1</div> <div>ATWS/INADEQUATE COOLING</div> <div>Mode 1</div> <div>Functional Recovery of Reactivity Control Ineffective AND EITHER of the Following:<ul style="list-style-type: none">RCS Heat Removal by Steam Generator Heat Removal SFSC Criteria Can NOT Be SatisfiedCore Exit TC Temperature Readings $>$ 800 °F</div>	<div>OG1</div> <div>OFFSITE DOSE</div> <div>Mode ALL</div> <div><div>1. MP2 Kaman Vent Monitor (RM-8168) Reading \geq 2 μCi/cc for $>$ 15 Minutes</div><div>2. MP2 WRGM Site Stack Effluent Activity (RM-8169) Reading \geq 30 μCi/cc for $>$ 15 Minutes</div><div>3. MSL Monitor (RM-4299/A/B/C) Reading \geq 2 R/hr for $>$ 15 Minutes</div><div>4. Measured Plume Dose Rate OnSite \geq 1,000 mR/hr for $>$ 15 Minutes</div><div>5. Rad Assessment Determines Integrated Dose Offsite \geq 1 Rem TEDE OR \geq 5 Rem CDE Thyroid</div></div>	<div>GENERAL EMERGENCY</div> <div>ALPHA</div> <div>OR</div> <div>BRAVO</div> <div>Events in Progress or Have Occurred Which Involve Actual or Imminent Substantial Core Degradation or Melting With Potential for Loss of Containment Integrity</div>
<div>BS1</div> <div>ANY TWO BARRIERS</div> <div>Mode 1, 2, 3, 4</div> <div>See Barrier Failure Reference Table</div>	<div>PS1</div> <div>STATION BLACKOUT</div> <div>Mode 1, 2, 3, 4</div> <div>Loss of Voltage on Buses 24C AND 24D $>$ 15 Minutes</div> <div>PS2</div> <div>LOSS OF DC</div> <div>Mode 1, 2, 3, 4</div> <div>Loss of Voltage on DC Buses 201A AND 201B $>$ 15 Minutes</div>	<div>ES1</div> <div>ATWS</div> <div>Mode 1</div> <div>Manual Reactor Trip Attempted At Panel C04 AND Reactor Is NOT Shutdown</div> <div>ES2</div> <div>INABILITY TO MAINTAIN HOT S/D</div> <div>Mode 1, 2, 3, 4</div> <div><div>1. No RCS heat Removal Method Meets SFSC Criteria $>$ 15 Minutes AND Shutdown Cooling is NOT In Service</div><div>2. RCS Boration Capability Unable to Eliminate Inadvertent Criticality</div></div> <div>ES3</div> <div>IN-VESSEL FUEL UNCOVERY</div> <div>Mode 5, 6</div> <div>Shutdown Cooling Has Been Lost AND ANY of the Following Conditions Exist:<ul style="list-style-type: none">Alternate Methods for Restoring RCS Inventory are NOT EffectiveRVLMS Reading = 0%Core Exit TC Temperature Readings Indicate Superheat</div> <div>ES4</div> <div>LOSS OF ANNUNCIATORS/TRANSIENT</div> <div>Mode 1, 2, 3, 4</div> <div>Loss of Most (75%) MCB Annunciators AND BOTH of the Following<ul style="list-style-type: none">Significant Transient in ProgressLoss of SPDS AND ICC Instrumentation</div>	<div>OS1</div> <div>OFFSITE DOSE</div> <div>Mode ALL</div> <div><div>1. MP2 Kaman Vent Monitor (RM-8168) Reading \geq 0.2 μCi/cc for $>$ 15 Minutes</div><div>2. MP2 WRGM Site Stack Effluent Activity (RM-8169) Reading \geq 10 μCi/cc for $>$ 15 Minutes</div><div>3. MSL Monitor (RM-4299A/B/C) Reading \geq 0.3 R/hr for $>$ 15 Minutes</div><div>4. Measured Plume Dose Rate Onsite \geq 50 mR/hr for $>$ 15 Minutes</div><div>5. Rad Assessment Determines Integrated Dose Offsite \geq 0.05 Rem TEDE OR \geq 0.25 Rem CDE Thyroid</div></div>	<div>SITE AREA EMERGENCY</div> <div>CHARLIE-TWO</div> <div>Events in Progress or Have Occurred Which Involve Actual or Likely Major Failures of Plant Functions Needed for Protection of the Public</div>
<div>BA1</div> <div>FUEL CLAD OR RCS BARRIER</div> <div>Mode 1, 2, 3, 4</div> <div>See Barrier Failure Reference Table</div>	<div>PA1</div> <div>STATION BLACKOUT</div> <div>Mode 5, 6</div> <div>Loss of Voltage on Buses 24C AND 24D $>$ 15 Minutes</div> <div>PA2</div> <div>SINGLE AC POWER SOURCE</div> <div>Mode 1, 2, 3, 4</div> <div>Only One AC Power Source Available to Supply Buses 24C AND/OR 24D $>$ 15 Minutes Such That Loss of That Power Source Would Result in a Station Blackout (Unit 3 Buses 34A/B CANNOT be Credited)</div>	<div>EA1</div> <div>AUTOMATIC Rx TRIP FAILURE</div> <div>Mode 1, 2</div> <div>Failure of Automatic Reactor Trip AND Manual Trip Was Successful</div> <div>EA2</div> <div>INABILITY TO MAINTAIN COLD S/D</div> <div>Mode 5, 6</div> <div><div>1. Uncontrolled RCS Temperature Increase $>$ 10°F That Results in RCS Temperature $>$ 200°F</div><div>2. Inadvertent Criticality</div></div> <div>EA3</div> <div>LOSS OF ANNUNCIATORS/TRANSIENT</div> <div>Mode 1, 2, 3, 4</div> <div>Loss of Most (75%) MCB Annunciators $>$ 15 Minutes AND EITHER of the Following:<ul style="list-style-type: none">Significant Transient in ProgressLoss of SPDS AND ICC Instrumentation</div>	<div>OA1</div> <div>OFFSITE DOSE</div> <div>Mode ALL</div> <div><div>1. MP2 Kaman Vent Monitor (RM-8168) Reading \geq 0.02 μCi/cc for $>$ 15 Minutes</div><div>2. MP2 WRGM Site Stack Effluent Activity (RM-8169) Reading \geq 1 μCi/cc for $>$ 15 Minutes</div><div>3. MSL Monitor (RM-4299A/B/C) Reading \geq 0.03 R/hr for $>$ 15 Minutes</div><div>4. Measured Plume Dose Rate Onsite \geq 5 mR/hr for $>$ 15 Minutes</div><div>5. Rad Assessment Determines Integrated Dose Offsite \geq 0.005 Rem TEDE OR \geq 0.025 Rem CDE Thyroid</div></div>	<div>ALERT</div> <div>CHARLIE-ONE</div> <div>Events in Progress or Have Occurred Which Involve an Actual or Potential Substantial Degradation of the Level of Safety of the Plant</div>
<div>BU1</div> <div>CTMT BARRIER</div> <div>Mode 1, 2, 3, 4</div> <div>See Barrier Failure Reference Table</div>	<div>PU1</div> <div>LOSS OF OFFSITE POWER</div> <div>Mode ALL</div> <div>Buses 24C AND 24D Are Powered from Emergency Generators AND Offsite Power NOT Restored Within 15 Minutes</div> <div>PU2</div> <div>LOSS OF DC</div> <div>Mode 5, 6</div> <div>Loss of Voltage on DC Buses 201A AND 201B $>$ 15 Minutes</div>	<div>EU1</div> <div>LOSS OF COLD S/D FUNCTION</div> <div>Mode 5, 6</div> <div><div>1. Loss of Shutdown Cooling $>$ 15 Minutes AND Refuel Pool Water Level $<$ 35 Ft., 6 In.</div><div>2. Uncontrolled RCS Temperature Increase $>$ 10°F</div><div>3. RCS Boron Concentration $<$ Minimum Required</div></div> <div>EU2</div> <div>REFUEL/SPENT FUEL POOL LEVEL</div> <div>Mode 6</div> <div><div>1. Uncontrolled Spent Fuel Pool Water Level Decrease Causing Loss of Cooling Suction Flow</div><div>2. Uncontrolled Refuel Pool Water Level Decrease Requiring Containment Evacuation AND All Spent Fuel Assemblies in Safe Storage Locations</div></div> <div>EU3</div> <div>LOSS OF ANNUNCIATORS</div> <div>Mode 1, 2, 3, 4</div> <div>Loss of Most (75%) MCB Annunciators $>$ 15 Minutes AND SPDS OR ICC Instrumentation Available</div> <div>EU4</div> <div>LOSS OF COMMUNICATIONS</div> <div>Mode ALL</div> <div><div>1. Loss of ALL Onsite Electronic Communications Methods</div><div>2. Loss of ALL Electronic Communications Methods With Government Agencies</div></div> <div>EU5</div> <div>SHUTDOWN LCO EXCEEDED</div> <div>Mode 1, 2, 3, 4</div> <div>Unit NOT Brought To Required Mode Within Applicable LCO Action Statement Time Limits</div>	<div>OU1</div> <div>UNPLANNED RELEASE</div> <div>Mode ALL</div> <div>Effluent Monitors in Alarm OR Unplanned, Unmonitored or Uncontrolled Offsite Release AND DELTA-TWO Posture Code Limits as Determined from EPI-FAP06, "Classification and PARs," Exceeded. Note: Effluent Monitors Indicate Release Above Alarm Setpoint Continuing $>$ 60 minutes and Reportability Evaluations NOT Complete</div>	<div>UNUSUAL EVENT</div> <div>DELTA-TWO</div> <div>OR</div> <div>DELTA-ONE</div> <div>Events in Progress or Have Occurred Which Indicate a Potential Degradation of the Level of Safety of the Plant</div>

NOTE: When two or more EALs apply, always choose the EAL of the highest incident classification; also always read from top to bottom in each category.

MILLSTONE UNIT 2 EMERGENCY ACTION LEVELS

GENERAL EMERGENCY ALPHA GENERAL EMERGENCY BRAVO SITE AREA EMERGENCY CHARLIE-TWO ALERT CHARLIE-ONE UNUSUAL EVENT DELTA-TWO UNUSUAL EVENT DELTA-ONE

IN – PLANT RADIATION			SECURITY THREAT/ DESTRUCTIVE PHENOMENA			FIRE/GASES			JUDGEMENT			CLASSIFICATION		
RG1	MAJOR FUEL DAMAGE	Mode ALL	TG1	SECURITY EVENT	Mode ALL				JG1	JUDGEMENT	Mode ALL		GENERAL EMERGENCY	
<div>1. RM-8240/8241 Reading > 1,200 R/hr</div> <div>2. At Least 20% Fuel Clad Damage As Determined By Core Damage Estimate</div> <div>3. Spent Fuel is Exposed from Water Loss from Open Vessel, Cavity, Or SF Pool AND BOTH of the Following:<div><div>Spent Fuel Has Decayed < 30 Days</div><div>CTMT Integrity is NOT Established OR Exposed Spent Fuel is Outside CTMT</div></div></div>			<div>1. Loss of Physical Control of the Control Room</div> <div>2. Loss of Physical Control of Remote Shutdown Capability</div>						<div>Other Conditions Exist For Which Judgement Indicates:<div>1. Actual Or Imminent Substantial Core Degradation With Potential For Loss Of Containment, OR</div><div>2. Potential For Uncontrolled Radiological Releases. These Releases Can Be Reasonably Expected To Exceed EPA PAG Plume Exposure Levels Outside The Site Boundary</div></div>			<div>ALPHA</div> <div>OR</div> <div>BRAVO</div> <div>Events in Progress or Have Occurred Which Involve Actual or Imminent Substantial Core Degradation or Melting With Potential for Loss of Containment Integrity</div>		
RS1	SPENT FUEL DAMAGE	Mode ALL	TS1	SECURITY EVENT	Mode ALL	GS1	CONTROL ROOM EVACUATION	Mode ALL	JS1	JUDGEMENT	Mode ALL		SITE AREA EMERGENCY	
<div>Spent Fuel is Exposed from Open Vessel or Cavity AND BOTH of the Following:<div><div>Spent Fuel Has Decayed < 30 Days</div><div>CTMT Integrity Established</div></div></div>			<div>Intrusion into Vital Area by a Hostile Force</div>			<div>Unit Control from Hot Shutdown Panel C-10 Or C-21 NOT Established Within 15 Minutes After Control Room Evacuation</div>			<div>Other Conditions Exist For Which Judgement Indicates Actual Or Likely Major Failures of Plant Functions Needed For Protection Of The Public</div>			<div>CHARLIE – TWO</div> <div>Events in Progress or Have Occurred Which Involve Actual or Likely Major Failures of Plant Functions Needed for Protection of the Public</div>		
RA1	SPENT FUEL ASSEMBLY DAMAGE	Mode ALL	TA1	SECURITY EVENT	Mode ALL	GA1	CONTROL ROOM EVACUATION	Mode ALL	JA1	JUDGEMENT	Mode ALL		ALERT	
<div>1. Spent Fuel is Exposed from Open Vessel, Cavity, or SF Pool AND Spent Fuel Has Decayed ≥ 30 Days</div> <div>2. Fuel Handling Accident Causing Damage to Spent Fuel, Indicated by Fuel Building OR Containment Radiation Monitors Increasing</div>			<div>1. Any on – going or imminent security compromise to the safety of the plant.</div> <div>TA2</div> <div>DESTRUCTIVE PHENOMENA</div> <div>Mode ALL</div> <div>1. Seismic Event > 0.09g ZPA</div> <div>2. Onsite Sustained Windspeed > 90 MPH</div> <div>3. Visible Damage to Structures or Equipment AND Affecting Safe Shutdown</div> <div>4. Vessel or Vehicle Collision AND Affecting Safe Shutdown</div> <div>5. Missiles Affecting Safe Shutdown</div> <div>6. Flooding Affecting Safe Shutdown</div>			<div>Control Room Evacuation Initiated</div> <div>GA2</div> <div>FIRE/EXPLOSION</div> <div>Mode ALL</div> <div>Fire or Explosion Affecting Safe Shutdown Area AND Damage to Structures OR Equipment Indicated</div> <div>GA3</div> <div>TOXIC/FLAMMABLE GASES</div> <div>Mode ALL</div> <div>Life Threatening Toxic Gases OR Flammable Gas Concentrations as Identified in C – OP 200.5, “Oil, Hazardous Material, Hazardous Waste and Mixed Waste Contingency Plan” Affecting Areas for Safe Shutdown</div>			<div>Any Condition For Which Judgement Indicates That Safety Systems May Be Degraded AND Which Requires Emergency Response Organization Staffing</div>			<div>CHARLIE – ONE</div> <div>Events in Progress or Have Occurred Which Involve an Actual or Potential Substantial Degradation of the Level of Safety of the Plant</div>		
RA2	PLANT RADIATION	Mode ALL												
<div>1. Radiation Readings > 15 mR/hr in Control Room OR Central Alarm Station OR Secondary Alarm Station</div> <div>2. Radiation Reading > 5 R/hr in Areas Requiring Access for Safe Shutdown</div>														
RU1	RAD MONITORS	Mode ALL	TU1	SECURITY EVENT	Mode ALL	GU1	FIRE	Mode ALL	JU1	JUDGEMENT	Mode ALL		UNUSUAL EVENT	
<div>1. Uncontrolled Refuel Pool Water Level Decrease AND Rad Levels Require Evacuation of CTMT Or Spent Fuel Pool Area</div> <div>2. Unexpected Area Rad Monitor Reading Offscale High OR > 1000 Times Normal Reading</div>			<div>1. Security events as determined for Station Safeguards Contingency Plan and reported by Security Shift Supervision</div> <div>2. A credible site specific security threat notification</div> <div>TU2</div> <div>DESTRUCTIVE PHENOMENA</div> <div>Mode ALL</div> <div>1. Seismic Activity Detected Per AOP-2562, Earthquake</div> <div>2. Report by Plant Personnel of Tornado Striking Within Protected Area</div> <div>3. Visible Damage to Structures or Equipment Within the Protected Area</div> <div>4. Onsite Sustained Windspeed > 75 MPH</div> <div>5. Explosion Within the Protected Area</div> <div>6. Turbine Failure Causing Observable Casing Damage</div> <div>7. Vessel or Vehicle Collision With Structures OR Equipment Required for Safe Shutdown</div> <div>8. Flood Level > 19 Feet Mean Sea Level</div> <div>9. Flooding in Areas Containing Safe Shutdown Equipment</div>			<div>Fire in Building OR Areas Adjacent to Areas Needed for Safe Shutdown NOT Extinguished Within 15 Minutes of Notification OR Verification of Control Room Alarms</div> <div>GU2</div> <div>TOXIC/FLAMMABLE GASES</div> <div>Mode ALL</div> <div>1. Life Threatening Toxic Gases OR Flammable Gas Concentrations as Identified in C – OP 200.5, “Oil, Hazardous Material, Hazardous Waste and Mixed Waste Contingency Plan” Affecting Normal Operation</div> <div>2. Notification of a Near-Site Release That May Require Evacuation</div>			<div>Any Condition For Which Judgement Indicates Potential Degradation in the Level of Safety of the Plant</div>			<div>DELTA – TWO</div> <div>OR</div> <div>DELTA – ONE</div> <div>Events in Progress or Have Occurred Which Indicate a Potential Degradation of the Level of Safety of the Plant</div>		
<div>NOTE: When two or more EALs apply, always choose the EAL of the highest incident classification; also always read from top to bottom in each category.</div>														
<div><div>AREAS OF CONCERN FOR SAFE SHUTDOWN</div><div><div>Control Room</div><div>Cable Vaults</div><div>Turbine Building</div><div>Penetration Areas</div><div>RBCCW Rooms</div><div>Diesel Generator Room</div><div>Charging Pump Cubicles</div><div>Switchyard</div><div>Switchgear Rooms</div><div>Intake Structure</div><div>Switchgear Area</div><div>Coolant Tanks Area</div><div>Containment</div><div>DC Equipment and Battery Rooms</div><div>Safety Injection Pump Rooms</div></div></div>														
<div>2</div> <div>Millstone</div> <div>MP – 26 – EPI – FAP06 – 002</div> <div>Revision 002</div> <div>Page 2 of 3</div>														

NOTE: When two or more EALs apply, always choose the EAL of the highest incident classification; also always read from top to bottom in each category.

AREAS OF CONCERN FOR SAFE SHUTDOWN

Control Room

Cable Vaults

Turbine Building

Penetration Areas

RBCCW Rooms

Diesel Generator Room

Charging Pump Cubicles

Switchyard

Switchgear Rooms

Intake Structure

Switchgear Area

Coolant Tanks Area

Containment

DC Equipment and Battery Rooms

Safety Injection Pump Rooms

2

Millstone

MP-26-EPI-FAP06-002

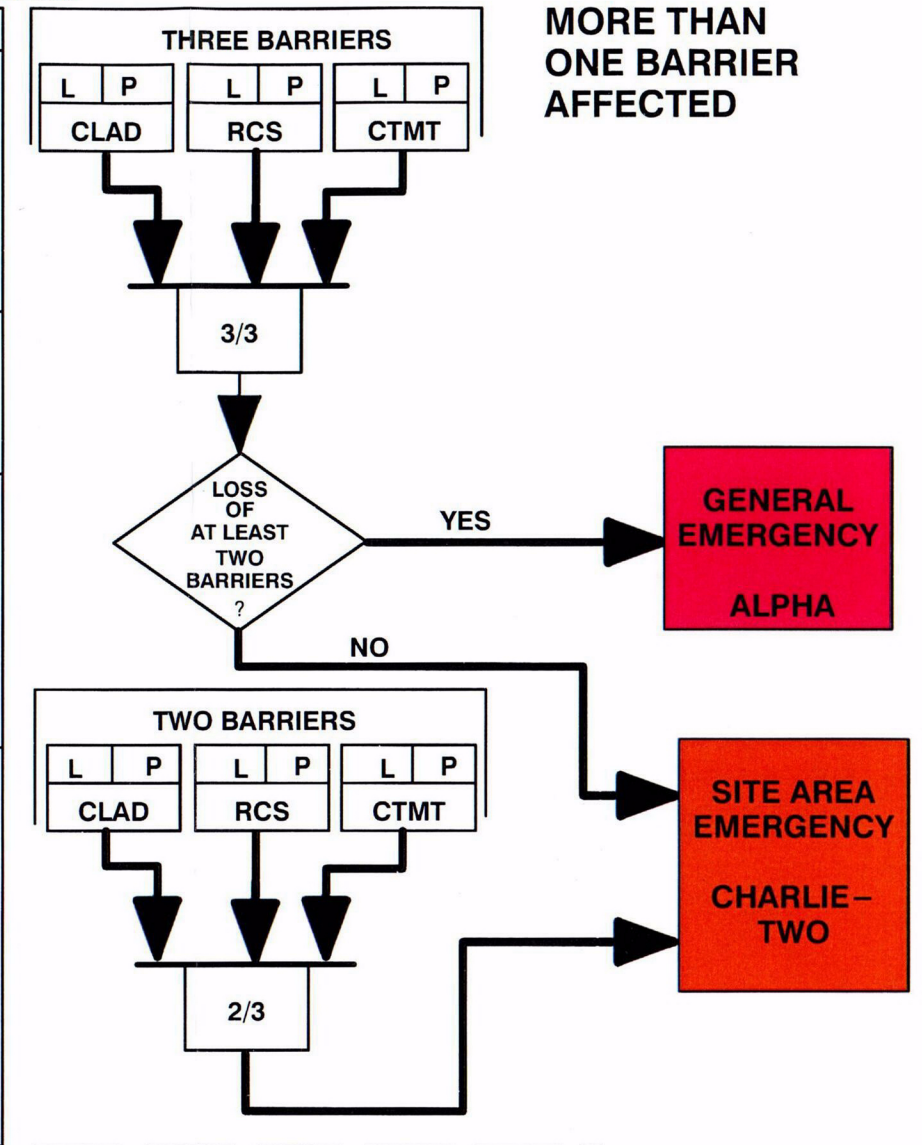
Revision 002

Page 2 of 3

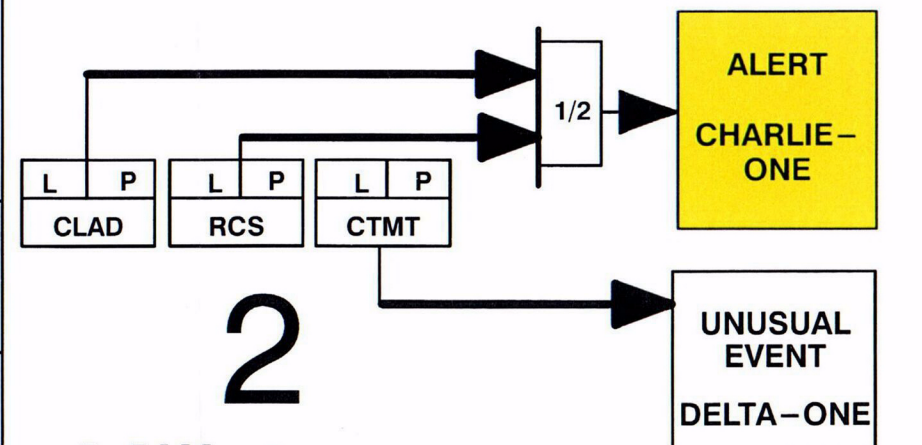
MILLSTONE 2 EMERGENCY ACTION LEVELS BARRIER FAILURE REFERENCE TABLE

IMMINENT - No Turnaround in Safety System Performance is Expected AND Escalation to General Emergency Conditions Will Occur Within 2 Hours

INDICATORS	FUEL CLAD BARRIER	RCS BARRIER	CTMT BARRIER
SAFETY FUNCTION STATUS/ FUNCTIONAL RECOVERY	FCB1 LOSS Not Applicable POTENTIAL LOSS P NO RCS Heat Removal Method Meets SFSC Criteria > 15 Minutes AND Shutdown Cooling System Is NOT In Service	RCB1 LOSS Not Applicable POTENTIAL LOSS P Uncontrolled RCS Cooldown AND RCS Pressure-Temperature To the Left Of the PTS Limit 200°F Subcooling Maximum Curve P NO RCS Heat Removal Method Meets SFSC Criteria > 15 Minutes AND Shutdown Cooling System Is NOT In Service	
CORE EXIT TC TEMPERATURES	FCB2 LOSS L Core Exit Thermocouple Readings > 1300 °F POTENTIAL LOSS P Core Exit Thermocouple Readings > 800 °F	RCB2 LOSS L RCS Subcooling < 30°F POTENTIAL LOSS Not Applicable	CNB1 LOSS Not Applicable POTENTIAL LOSS P Core Exit TC Temperature Readings >1300°F AND Do NOT Decrease Within 15 Minutes
PRESSURE		RCB3 LOSS Not Applicable POTENTIAL LOSS P Uncontrolled RCS Pressure Decrease and Increasing Containment Radiation Monitors	CNB2 LOSS L Rapid Unexplained CTMT Pressure Decrease Following Initial Increase L No CTMT Pressure Increase When Expectation Exists POTENTIAL LOSS P CTMT Pressure > 10 PSIG AND Increasing AND No Containment Spray Pump P CTMT H ₂ Concentration ≥ 4%
COOLANT LEAKAGE		RCB4 LOSS L Reactor Coolant Leak > CVCS Capacity AND Entry Into EOP-2534, Steam Generator Tube Rupture or EOP 2540, Functional Recovery, to Address Steam Generator Tube Rupture POTENTIAL LOSS P Reactor Coolant Leak > CVCS Capacity AND Entry Into EOP-2525, Standard Post Trip Actions P Reactor Coolant Leak Rate > capacity of one (1) charging pump AND ≤ CVCS Capacity AND ANY of the following: • Entry Into EOP 2534, Steam Generator Tube Rupture • Entry Into AOP 2569, Steam Generator Tube Leak • Entry Into EOP 2540, Functional Recovery, to Address Steam Generator Tube Rupture	CNB3 LOSS L Primary to Secondary > Tech Spec Limits and EITHER exists: • Nonisolable Steam Release from Affected S/G to environment. • Prolonged Release From Affected S/G to Environment When Used for Cooldown. (see basis for description of prolonged release) L Failure of BOTH Isolation Valves AND a Pathway to the Environment Exists POTENTIAL LOSS P Entry Into EOP-2532, Loss of Primary Coolant, AND Leakage Exists Outside CTMT Requiring Local Isolation
RADIATION	FCB3 LOSS L RM-8240/8241 Reading > 300 R/hr L RM-8240/8241 Reading > 5 R/hr Without RCS Release Inside CTMT L At Least 5% Fuel Clad Damage As Determined By Core Damage Estimate L Dose Rate at One Foot from Unpressurized RCS Sample ≥ 28 mR/hr/ml POTENTIAL LOSS Not Applicable	RCB5 LOSS L RM-8240/8241 Reading > 5 R/hr Without Fuel Clad Barrier Loss POTENTIAL LOSS Not Applicable	CNB4 LOSS L Offsite Dose Plume Rate ≥ 10 ⁻⁶ Times RM-8240/8241 Reading if Release is to CTMT POTENTIAL LOSS P RM-8240/8241 Reading > 1,200 R/hr P At Least 20% Fuel Clad Damage As Determined By Core Damage Estimate
WATER LEVEL	FCB4 LOSS Not Applicable POTENTIAL LOSS P RVLMS Reading = 0%		CNB5 LOSS L No CTMT Sump Level Increase When Expectation Exists POTENTIAL LOSS Not Applicable
JUDGEMENT	FCB5 Any Condition For Which Judgement Indicates Loss or Potential Loss of Fuel Clad Barrier Due to: • Imminent Barrier Degradation Based On Current Safety System Performance • Degraded Fission Barrier Monitoring Capability Making Barrier Status Indeterminate	RCB6 Any Condition For Which Judgement Indicates Loss or Potential Loss of RCS Barrier Due to: • Imminent Barrier Degradation Based On Current Safety System Performance • Degraded Fission Barrier Monitoring Capability Making Barrier Status Indeterminate	CNB6 Any Condition For Which Judgement Indicates Loss or Potential Loss of CTMT Barrier Due to: • Imminent Barrier Degradation Based On Current Safety System Performance • Degraded Fission Barrier Monitoring Capability Making Barrier Status Indeterminate



ONLY ONE BARRIER AFFECTED



2
Millstone

C-03

Docket Nos. 50-245

50-336

50-423

B19025

Attachment 6

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

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

MP-26-EPI-FAP06-003, "Millstone Unit 3 Emergency Action Levels"





Major Revision 1, Minor Revision 3

MILLSTONE UNIT 3 EMERGENCY ACTION LEVELS

11/20/03
APPROVAL DATE

11/26/03

EFFECTIVE DATE

 GENERAL EMERGENCY ALPHA
  GENERAL EMERGENCY BRAVO
  SITE AREA EMERGENCY CHARLIE-TWO
  ALERT CHARLIE-ONE
  UNUSUAL EVENT DELTA-TWO
  UNUSUAL EVENT DELTA-ONE

BARRIER FAILURE		LOSS OF POWER		EQUIPMENT FAILURE		OFFSITE RELEASES		CLASSIFICATION	
BG1	ALL THREE BARRIERS Mode 1, 2, 3, 4 See Barrier Failure Reference Table	PG1	STATION BLACKOUT Mode 1, 2, 3, 4 Loss of Voltage on Buses 34C AND 34D (Station Blackout Diesel cannot be credited) AND ANY of the Following: <ul style="list-style-type: none">Restoration of Power to AT LEAST One Bus is NOT Likely Within Four HoursCore Cooling - REDHeat Sink - RED	EG1	ATWS/INADEQUATE COOLING Mode 1 Reactor Power > 5% Following Entry into FR-S.1 AND EITHER of the Following: <ul style="list-style-type: none">Core Cooling - REDAll SG Wide Range Levels < 29% (59% Adverse CTMT)	OG1	OFFSITE DOSE Mode ALL 1. MP3 Kaman Vent Monitor (RE-10A) Reading $\geq 0.8 \mu\text{Ci/cc}$ for > 15 Minutes 2. MP3 SLCRS Gas Monitor (HVR*19A) Reading $\geq 30 \mu\text{Ci/cc}$ for > 15 Minutes 3. MP3 Safeties or Steam Dump Monitor (RE-75/76/77/78) Reading $\geq 20 \mu\text{Ci/cc}$ for > 15 Minutes 4. Terry Turbine Monitor (RE-79) Reading $\geq 50 \mu\text{Ci/cc}$ for > 15 Minutes 5. Measured Plume Dose Rate Onsite $\geq 1,000 \text{ mR/hr}$ for > 15 Minutes 6. Rad Assessment Determines Integrated Dose Offsite $\geq 1 \text{ Rem TEDE OR } \geq 5 \text{ Rem CDE Thyroid}$	GENERAL EMERGENCY ALPHA OR BRAVO Events in Progress or Have Occurred Which Involve Actual or Imminent Substantial Core Degradation or Melting With Potential for Loss of Containment Integrity	
BS1	ANY TWO BARRIERS Mode 1, 2, 3, 4 See Barrier Failure Reference Table	PS1	STATION BLACKOUT Mode 1, 2, 3, 4 Loss of Voltage on Buses 34C AND 34D > 15 Minutes (Station Blackout Diesel cannot be credited)	ES1	ATWS Mode 1 FR-S.1 is Entered Directly From E-0	OS1	OFFSITE DOSE Mode ALL 1. MP3 Kaman Vent Monitor (RE-10A) Reading $\geq 0.1 \mu\text{Ci/cc}$ for > 15 Minutes 2. MP3 SLCRS Gas Monitor (HVR*19A) Reading $\geq 10 \mu\text{Ci/cc}$ for > 15 Minutes 3. MP3 Safeties or Steam Dump Monitor (RE-75/76/77/78) Reading $\geq 0.8 \mu\text{Ci/cc}$ for > 15 Minutes 4. Terry Turbine Monitor (RE-79) Reading $\geq 10 \mu\text{Ci/cc}$ for > 15 Minutes 5. Measured Plume Dose Rate Onsite $\geq 50 \text{ mR/hr}$ for > 15 Minutes 6. Rad Assessment Determines Integrated Dose Offsite $\geq 0.05 \text{ Rem TEDE OR } \geq 0.25 \text{ Rem CDE Thyroid}$	SITE AREA EMERGENCY CHARLIE-TWO Events in Progress or Have Occurred Which Involve Actual or Likely Major Failures of Plant Functions Needed for Protection of the Public	
BA1	FUEL CLAD OR RCS BARRIER Mode 1, 2, 3, 4 See Barrier Failure Reference Table	PA1	STATION BLACKOUT Mode 5, 6 Loss of Voltage on Buses 34C AND 34D > 15 Minutes	EA1	AUTOMATIC Rx TRIP FAILURE Mode 1, 2 Failure of Automatic Reactor Trip AND Manual Trip Was Successful	OA1	OFFSITE DOSE Mode ALL 1. MP3 Kaman Vent Monitor (RE-10A) Reading $\geq 0.01 \mu\text{Ci/cc}$ for > 15 Minutes 2. MP3 SLCRS Gas Monitor (HVR*19A) Reading $\geq 1 \mu\text{Ci/cc}$ for > 15 Minutes 3. MP3 Safeties or Steam Dump Monitor (RE-75/76/77/78) Reading $\geq 0.08 \mu\text{Ci/cc}$ for > 15 Minutes 4. Terry Turbine Monitor (RE-79) Reading Of $\geq 1 \mu\text{Ci/cc}$ for > 15 Minutes 5. Measured Plume Dose Rate Onsite $\geq 5 \text{ mR/hr}$ for > 15 Minutes 6. Rad Assessment Determines Integrated Dose Offsite $\geq 0.005 \text{ Rem TEDE OR } \geq 0.025 \text{ Rem CDE Thyroid}$	ALERT CHARLIE-ONE Events in Progress or Have Occurred Which Involve an Actual or Potential Substantial Degradation of the Level of Safety of the Plant	
BA2	STEAM LINE BREAK Mode 1, 2, 3, 4 Unisolable Steam Line Break Outside CTMT	PA2	SINGLE AC POWER SOURCE Mode 1, 2, 3, 4 Only One AC Power Source Available to Supply Buses 34C AND 34D > 15 Minutes Such That Loss of That Power Source Would Result in a Station Blackout (Station Blackout Diesel CANNOT be Credited)	EA2	INABILITY TO MAINTAIN COLD S/D Mode 5, 6 1. Uncontrolled RCS Temperature Increase > 10 °F That Results in RCS Temperature > 200 °F 2. Inadvertent Criticality	OU1	UNPLANNED RELEASE Mode ALL Effluent Monitors in Alarm OR Unplanned, Unmonitored or Uncontrolled Offsite Release AND DELTA-TWO Posture Code Limits as Determined from EPI-FAP06, "Classification and PARS," Exceeded. Note: Effluent Monitors Indicate Release Above Alarm Setpoint Continuing > 60 minutes AND Reportability Evaluations NOT Complete	UNUSUAL EVENT DELTA-TWO OR DELTA-ONE Events in Progress or Have Occurred Which Indicate a Potential Degradation of the Level of Safety of the Plant	
BU1	CTMT BARRIER Mode 1, 2, 3, 4 See Barrier Failure Reference Table	PU1	LOSS OF OFFSITE POWER Mode ALL Buses 34C AND 34D Are Powered From Emergency Generators AND Offsite Power NOT Restored Within 15 Minutes	EU1	LOSS OF COLD S/D FUNCTION Mode 5, 6 1. Loss of RHR Cooling > 15 Minutes AND Valid PZR Water Level (LT 462) Reading < 40% 2. Uncontrolled RCS Temperature Increase > 10°F 3. RCS Boron Concentration < Minimum Required				
BU2	RCS LEAKAGE Mode 1, 2, 3, 4 1. Pressure Boundary Leakage > 10 GPM 2. Unidentified Leakage > 10 GPM 3. Identified Leakage > 25 GPM	PU2	LOSS OF DC Mode 5, 6 Loss of Voltage on DC Buses 1, 2, 3 AND 4 > 15 Minutes	EU2	CAVITY SEAL FAILURE Mode 6 Refueling Cavity Seal Failure AND EITHER of the Following: <ul style="list-style-type: none">Valid PZR Level (LT 462) Reading < 40%Valid SFP Level (LI 26) Reading = 0%				
BU3	FUEL CLAD DEGRADATION Mode ALL 1. RCS Activity > 60 $\mu\text{Ci/gm}$ I-131 DEQ 2. Dose Rate at One Foot from Unpressurized RCS Sample $\geq 2 \text{ mR/hr/ml}$			EU3	LOSS OF ANNUNCIATORS Mode 1, 2, 3, 4 Loss of Most (75%) MCB Annunciators > 15 Minutes AND SPDS OR ICC Instruments Available				
				EU4	LOSS OF COMMUNICATIONS Mode ALL 1. Loss of ALL Onsite Electronic Communications Methods 2. Loss of ALL Electronic Communications Methods With Government Agencies				
				EU5	SHUTDOWN LCO EXCEEDED Mode 1, 2, 3, 4 Unit NOT Brought To Required Mode Within Applicable LCO Action Statement Time Limits				

NOTE: When two or more EALs apply, always choose the EAL of the highest incident classification; also always read from top to bottom in each category.

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MILLSTONE UNIT 3 EMERGENCY ACTION LEVELS

GENERAL EMERGENCY ALPHA GENERAL EMERGENCY BRAVO SITE AREA EMERGENCY CHARLIE-TWO ALERT CHARLIE-ONE UNUSUAL EVENT DELTA-TWO UNUSUAL EVENT DELTA-ONE

IN-PLANT RADIATION			SECURITY THREAT/ DESTRUCTIVE PHENOMENA			FIRE/GASES			JUDGEMENT			CLASSIFICATION		
RG1	MAJOR FUEL DAMAGE	Mode ALL	TG1	SECURITY EVENT	Mode ALL				JG1	JUDGEMENT	Mode ALL		GENERAL EMERGENCY	
1. Valid RE04A/05A Reading > 2,000 R/hr 2. At Least 20% Fuel Clad Damage As Determined By Core Damage Estimate 3. Spent Fuel is Exposed from Water Loss from Open Vessel, Cavity, Or SF Pool AND BOTH of the Following: • Spent Fuel Has Decayed < 30 Days • Release Can Bypass CTMT			1. Loss of Physical Control of the Control Room 2. Loss of Physical Control of Remote Shutdown Capability						Other Conditions Exist For Which Judgement Indicates: 1. Actual Or Imminent Substantial Core Degradation With Potential For Loss Of Containment, OR 2. Potential For Uncontrolled Radiological Releases. These Releases Can Be Reasonably Expected To Exceed EPA PAG Plume Exposure Levels Outside The Site Boundary			ALPHA OR BRAVO Events in Progress or Have Occurred Which Involve Actual or Imminent Substantial Core Degradation or Melting With Potential for Loss of Containment Integrity		
RS1	SPENT FUEL DAMAGE	Mode ALL	TS1	SECURITY EVENT	Mode ALL	GS1	CONTROL ROOM EVACUATION	Mode ALL	JS1	JUDGEMENT	Mode ALL		SITE AREA EMERGENCY	
Spent Fuel is Exposed from Open Vessel, or Cavity AND BOTH of the Following: • Spent Fuel Has Decayed < 30 Days • CTMT Integrity Established			Intrusion into Vital Area by a Hostile Force			Unit Control from Auxiliary Shutdown Panel NOT Established Within 15 Minutes After Control Room Evacuation			Other Conditions Exist For Which Judgement Indicates Actual Or Likely Major Failures of Plant Functions Needed For Protection Of The Public			CHARLIE-TWO Events in Progress or Have Occurred Which Involve Actual or Likely Major Failures of Plant Functions Needed for Protection of the Public		
RA1	SPENT FUEL ASSEMBLY DAMAGE	Mode ALL	TA1	SECURITY EVENT	Mode ALL	GA1	CONTROL ROOM EVACUATION	Mode ALL	JA1	JUDGEMENT	Mode ALL		ALERT	
1. Spent Fuel is Exposed from Open Vessel, Cavity OR SF Pool AND Spent Fuel Has Decayed ≥ 30 Days 2. Fuel Handling Accident Causing Damage to Spent Fuel, Indicated by Fuel Building OR Containment Radiation Monitors Increasing			1. Any on-going or imminent security compromise to the safety of the plant.			Control Room Evacuation Initiated			Any Condition For Which Judgement Indicates That Safety Systems May Be Degraded And Which Requires Emergency Response Organization Staffing			CHARLIE-ONE Events in Progress or Have Occurred Which Involve an Actual or Potential Substantial Degradation of the Level of Safety of the Plant		
RA2	PLANT RADIATION	Mode ALL	TA2	DESTRUCTIVE PHENOMENA	Mode ALL	GA2	FIRE/EXPLOSION	Mode ALL						
1. Radiation Readings > 15 mR/hr in Control Room OR Central Alarm Station OR Secondary Alarm Station 2. Radiation Reading > 5 R/hr in Areas Requiring Access for Safe Shutdown			1. Seismic Event > 0.09g ZPA 2. Onsite Sustained Windspeed > 90 MPH 3. Visible Damage to Structures or Equipment AND Affecting Safe Shutdown 4. Vessel or Vehicle Collision AND Affecting Safe Shutdown 5. Missiles Affecting Safe Shutdown 6. Flooding Affecting Safe Shutdown			Fire or Explosion Affecting Safe Shutdown Area AND Damage to Structure OR Equipment Indicated								
						GA3	TOXIC/FLAMMABLE GASES	Mode ALL						
						Life Threatening Toxic Gases OR Flammable Gas Concentrations as Identified in C-OP 200.5, Oil, Hazardous Material, Hazardous Waste and Mixed Waste Contingency Plan Affecting Areas for Safe Shutdown								
RU1	RAD MONITORS	Mode ALL	TU1	SECURITY EVENT	Mode ALL	GU1	FIRE	Mode ALL	JU1	JUDGEMENT	Mode ALL		UNUSUAL EVENT	
1. Containment OR Fuel Building Area Rad Monitor Alarms Indicate Cavity Seal Failure 2. Unexpected Rad Monitor Reading Offscale High OR > 1000 Times Normal Reading			1. Security events as determined for Station Safeguards Contingency Plan and reported by Security Shift Supervision. 2. A credible site specific security threat notification			Fire in Buildings OR Areas Adjacent to Areas Needed for Safe Shutdown NOT Extinguished Within 15 Minutes of Control Room Notification OR Verification of Control Room Alarms			Any Condition For Which Judgement Indicates Potential Degradation in the Level of Safety of the Plant			DELTA-TWO OR DELTA-ONE Events in Progress or Have Occurred Which Indicate a Potential Degradation of the Level of Safety of the Plant		
			TU2	DESTRUCTIVE PHENOMENA	Mode ALL	GU2	TOXIC/FLAMMABLE GASES	Mode ALL						
			1. Seismic Activity Detected Per AOP-3570, Earthquake 2. Report by Plant Personnel of Tornado Striking Within Protected Area 3. Visible Damage to Structures or Equipment Within the Protected Area 4. Onsite Sustained Windspeed > 75 MPH 5. Explosion Within the Protected Area 6. Turbine Failure Causing Observable Casing Damage 7. Vessel or Vehicle Collision With Structures or Equipment Required for Safe Shutdown 8. Flood Level > 19.7 Feet Mean Sea Level 9. Flooding in Areas Containing Safe Shutdown Equipment			1. Life Threatening Toxic Gases OR Flammable Gas Concentrations as Identified in C-OP 200.5, Oil, Hazardous Material, Hazardous Waste and Mixed Waste Contingency Plan Affecting Normal Operation 2. Notification of a Near-Site Release That May Require Evacuation								
<div>AREAS OF CONCERN FOR SAFE SHUTDOWN</div> <div><div>Containment Building Auxiliary Building Control Building Main Steam Valve Building Demineralized Water Storage Tank ESF Building</div><div>Intake Structure Station Transformers Emergency Generator Enclosure Fuel Building</div></div>														
NOTE: When two or more EALs apply, always choose the EAL of the highest incident classification; also always read from top to bottom in each category.														

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Millstone

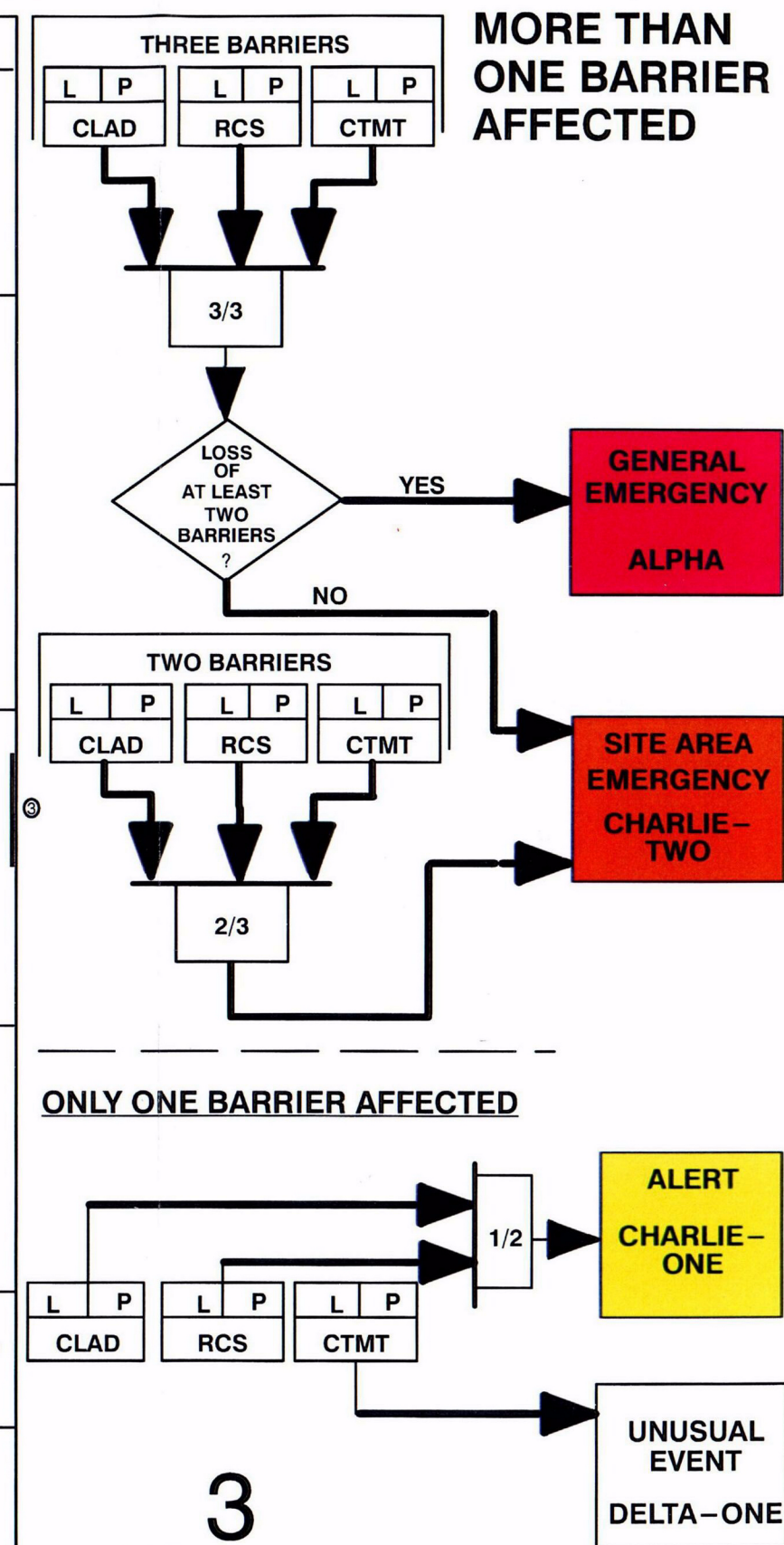
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MILLSTONE 3 EMERGENCY ACTION LEVELS BARRIER FAILURE REFERENCE TABLE

IMMINENT - No Turnaround in Safety System Performance is Expected AND Escalation to General Emergency Conditions Will Occur Within 2 Hours

INDICATORS	FUEL CLAD BARRIER	RCS BARRIER	CTMT BARRIER
STATUS TREES	<div>FCB1</div> <div>LOSS</div> <div>L</div> <div>Core Cooling - RED</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Core Cooling - ORANGE</div> <div>P</div> <div>Heat Sink - RED AND BOTH of the Following:</div> <div> <ul style="list-style-type: none"> Required Feedwater Flow Can NOT Be Established Within 15 Minutes RCS Feed and Bleed Can NOT Be Established </div>	<div>RCB1</div> <div>LOSS</div> <div>Not Applicable</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>RCS Integrity - RED</div> <div>P</div> <div>Heat Sink - RED AND Required Feedwater Flow Can NOT Be Established Within 15 Minutes</div>	<div>CNB1</div> <div>LOSS</div> <div>Not Applicable</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Containment - RED</div>
CORE EXIT TC TEMPERATURES	<div>FCB2</div> <div>LOSS</div> <div>L</div> <div>Core Exit TC Temperatures > 1200 °F</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Core Exit TC Temperatures > 718 °F</div>	<div>RCB2</div> <div>LOSS</div> <div>L</div> <div>RCS Subcooling < 32 °F Due to RCS Leak (115°F Adverse CTMT)</div> <div>POTENTIAL LOSS</div> <div>Not Applicable</div>	<div>CNB2</div> <div>LOSS</div> <div>Not Applicable</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Entry Into FR-C.1, Response to Inadequate Core Cooling, or FR-C.2, Response to Degraded Core Cooling with RVLMS ≤ 19% (Plenum) AND Core Exit TC Temperatures Do NOT Decrease Within 15 Minutes</div>
PRESSURE		<div>RCB3</div> <div>LOSS</div> <div>Not Applicable</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Uncontrolled RCS Pressure Decrease and Increasing Containment Radiation Monitors</div>	<div>CNB3</div> <div>LOSS</div> <div>L</div> <div>Rapid Unexplained CTMT Pressure Decrease Following Initial Increase</div> <div>L</div> <div>No CTMT Pressure Increase When Expectation Exists</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>CTMT Pressure ≥ 60 PSIA AND Increasing</div> <div>P</div> <div>CTMT H₂ Concentration ≥ 4%</div>
COOLANT LEAKAGE		<div>RCB4</div> <div>LOSS</div> <div>L</div> <div>Entry Into E-3, "Steam Generator Tube Rupture" AND Reactor Coolant Leak > Capacity of One Charging Pump</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Reactor Coolant Leak > Capacity of One Charging Pump AND ANY of the following:</div> <div> <ul style="list-style-type: none"> Entry into E-0, "Reactor Trip or Safety Injection" Entry into AOP 3555, "Reactor Coolant Leak" Entry into AOP 3576, "Steam Generator Tube Leak" </div> <div>P</div> <div>Entry into E-3, "Steam Generator Tube Rupture" AND Reactor Coolant Leak ≤ Capacity of One Charging Pump</div>	<div>CNB4</div> <div>LOSS</div> <div>L</div> <div>Primary to Secondary > Tech Spec Limits and EITHER exists:</div> <div> <ul style="list-style-type: none"> Nonisolable Steam Release from Affected S/G to environment. Prolonged Release From Affected S/G to Environment When Used for Cooldown. (see basis for description of prolonged release) </div> <div>L</div> <div>Failure of BOTH Isolation Valves AND a Pathway to the Environment Exists</div> <div>L</div> <div>Entry Into ECA-1.2, LOCA Outside Containment, Is Required AND Reactor Coolant Leakage is Verified</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>Entry Into ECA-1.2, LOCA Outside Containment</div>
RADIATION	<div>FCB3</div> <div>LOSS</div> <div>L</div> <div>RE-04A/05A Reading > 500 R/hr</div> <div>L</div> <div>RE-04A/05A Reading > 5 R/hr Without RCS Release</div> <div>L</div> <div>At Least 5% Fuel Clad Damage As Determined By Core Damage Estimate</div> <div>L</div> <div>Dose Rate at One Foot from Unpressurized RCS Sample ≥ 30 mR/hr/ml</div> <div>POTENTIAL LOSS</div> <div>Not Applicable</div>	<div>RCB5</div> <div>LOSS</div> <div>L</div> <div>RE-04/05A Reading > 5 R/hr Without Fuel Clad Barrier Loss</div> <div>POTENTIAL LOSS</div> <div>Not Applicable</div>	<div>CNB5</div> <div>LOSS</div> <div>L</div> <div>Offsite Dose Plume Rate ≥ 10⁻⁶ Times RE-04A/RE-05A Reading if Coolant Loss is to CTMT</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>RE-04A/05A Reading > 2,000 R/hr</div> <div>P</div> <div>At Least 20% Fuel Clad Damage As Determined By Core Damage Estimate</div>
WATER LEVEL	<div>FCB4</div> <div>LOSS</div> <div>Not Applicable</div> <div>POTENTIAL LOSS</div> <div>P</div> <div>RVLMS ≤ 19% (Plenum)</div>		<div>CNB6</div> <div>LOSS</div> <div>L</div> <div>No CTMT Sump Level Increase When Expectation Exists</div> <div>POTENTIAL LOSS</div> <div>Not Applicable</div>
JUDGEMENT	<div>FCB4</div> <div>Any Condition For Which Judgement Indicates Loss or Potential Loss of Fuel Clad Barrier Due to:</div> <div> <ul style="list-style-type: none"> Imminent Barrier Degradation Based On Current Safety System Performance Degraded Fission Barrier Monitoring Capability Making Barrier Status Indeterminate </div>	<div>RCB6</div> <div>Any Condition For Which Judgement Indicates Loss or Potential Loss of RCS Barrier Due to:</div> <div> <ul style="list-style-type: none"> Imminent Barrier Degradation Based On Current Safety System Performance Degraded Fission Barrier Monitoring Capability Making Barrier Status Indeterminate </div>	<div>CNB7</div> <div>Any Condition For Which Judgement Indicates Loss or Potential Loss of CTMT Barrier Due to:</div> <div> <ul style="list-style-type: none"> Imminent Barrier Degradation Based On Current Safety System Performance Degraded Fission Barrier Monitoring Capability Making Barrier Status Indeterminate </div>



Docket Nos. 50-245
50-336
50-423
B19025

Attachment 7

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

**Emergency Procedures Implementing (EPI) Functional Administrative Procedure (FAP)
MP-26-EPI-FAP13, "News Releases"
Major Revision 1, Minor Revision 1**

**Functional
Administrative
Procedure**



Millstone Station

**News Releases
MP-26-EPI-FAP13
Rev. 001-01**

Approval Date: 11-18-03

Effective Date: 11-21-03



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1. PURPOSE

1.1 Objective

This procedure provides guidance to the Public Information Technical Advisor (PITA) and the Nuclear News Manager for preparing and issuing news releases during a declared emergency.

1.2 Applicability

NA

1.3 Supporting Documents

NA

1.4 Discussion

This section includes a discussion on the major activities associated with News Releases.

1.4.1 The Station Duty Officer is the public information point of contact in the affected unit control room.

1.4.2 In an Unusual Event, the Nuclear News Manager drafts and approves news releases until the EOF is activated.

1.4.3 In an Alert or higher, once the EOF is activated, news releases are drafted by the PITA and approved by the DSEO for issue. Pre-approved news release templates may be used during fast changing emergency classifications until sufficient information is available for follow-up news releases.

1.4.4 When the State EOC is activated and staffed, the draft news release is forwarded to the NNM via electronic mail or telefax from the PITA. The NNM obtains approval from the Chief Technical Spokesperson (CTS) and CTS has taken responsibility. The news release is finalized and issued by the NNM from the JMC.

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

2. INSTRUCTIONS

2.1 Preparing News Releases

NOTE

News releases are prepared using only official and verifiable information and if possible, without using technical jargon or acronyms.

2.1.1 Prepare news release for the following, as applicable:

- An initial emergency classification of Unusual Event or higher
- A change in plant status
- A change in emergency classification
- The Joint Media Center has been activated
- A Millstone related rumor or inquiry trend is identified

2.1.2 Refer To and review the samples of prepared news releases (Attachments 3-10) for the following events, as applicable:

- UNUSUAL EVENT - (No Release or Small Unplanned Release)
- ALERT
- SITE AREA EMERGENCY
- GENERAL EMERGENCY
- Status Report
- Joint Media Center Activation
- Event Termination to Recovery

2.1.3 Develop a chronology of key events for complex or long-term emergencies.

2.1.4 Develop and issue the following information within a news release, as appropriate:

- A background on the emergency response
- General plant information
- Radiation information
- Insurance and electrical rates
- Management information

2.1.5 Include the following information in the news release:

- Date and time statement is issued
- Release number (ordered sequentially)
- Name and phone number for media contact
- Unit affected
- Emergency classification
- Status of radiological conditions
- Status of plant
- Description of emergency classification, including previously declared emergency classifications.
- Corrective actions taken
- Off-site assistance requested
- If JMC has been activated, coordinate with the state and include rumor and inquiry control phone numbers.
- Rumor trend feedback
- Statement to media on where to obtain additional information.

NOTE

The names of injured or contaminated personnel shall not be released under any circumstances.

2.1.6 Exclude information on the extent of personnel injuries or contamination until medically diagnosed and confirmed.

2.1.7 Provide only actual radiation dose measurement (if at all) (DO NOT provide estimated or projected dose measurements).

2.1.8 Submit news release to the ADEOF for technical review.

NOTE

Pre-approved news release templates may be issued by the PITA/NNM during fast changing emergency event classifications. Follow-up news releases shall be reviewed for approval by the DSEO or CTS.

2.1.9 Submit news release to the EOF DSEO or CTS for approval prior to issue.

- End of Section 2.1 -

2.2 Distributing News Releases

NOTE

1. Only the Chief Technical Spokesperson or Corporate Officials are quoted or referenced.
2. Information originating from sources other than the company will not be released without ADEOF review and DSEO or CTS approval.

- 2.2.1 Determine news release distribution.
- 2.2.2 Distribute news releases to the Nuclear News Manager in the CT State EOC, PITA at the EOF and Dominion Corporate via e-mail, or fax.
- 2.2.3 Distribute news releases via preprogrammed fax machine. IF the Joint Media Center has not been activated AND operation is from the EOF, Refer To Attachment 11, "SNET FAXWORKS Instructions," to distribute news releases.

- End of Section 2.2 -

3. SUMMARY OF CHANGES

3.1 Revision 001-01

3.1.1 Added pre-approved news release templates for an Alert, SAE, and GE (Attachments 11, 12, and 13).

3.2 Revision 001

3.2.1 Moved step 1.4.4 to step 1.4.2. (CR-02-11198)

3.2.2 Changed position titles for Manager of Public Information (MPI) to Public Information Technical Advisor (PITA) and Executive Spokesperson (ES) to Chief Technical Spokesperson (CTS).

3.2.3 Steps 1.4.2 - 1.4.4, clarified who is responsible for news releases at different emergency classifications and emergency facility activations.

3.2.4 Added PITA, EOF, NNM, and CTS to Attachment 1.

3.2.5 Removed the word "Nuclear" from station title.

3.2.6 Corrected wording in news release templates.

3.2.7 Attachment 11, corrected instructions for using FAXWORKS.

3.3 Revision 000

3.3.1 Original Issue

Attachment 1

Definitions and Abbreviations

(Sheet 1 of 1)

Definitions

N/A

Abbreviations

ADEOF - Assistant Director Emergency Operations Facility

CTS - Chief Technical Spokesperson

DSEO - Director of Station Emergency Operations

EAS - Emergency Alert System

EOF - Emergency Operation Facility

MRCA - Manager of Radiological Consequence Assessment

NNM - Nuclear News Manager

PITA - Public Information Technical Advisor

Attachment 2 Responsibilities

(Sheet 1 of 1)

1. Public Information Technical Advisor (PITA)

The PITA is responsible for preparing news releases when the EOF is activated.

2. Nuclear News Manager (NNM)

The NNM develops and approves new releases until the EOF is activated.

The NNM is responsible for obtaining news release input from the Chief Technical Spokesperson at the State EOC for release to the media.

3. Assistant Director of the Emergency Operations Facility (ADEOF)

The ADEOF is responsible for reviewing the technical content of news releases.

4. Director of Station Emergency Operations (DSEO)

The DSEO is responsible for approving news releases, once the EOF is activated until the State EOC is staffed with the Chief Technical Spokesperson and NNM has authorized the CTS to approve news releases.

5. Chief Technical Spokesperson (CTS)

Reviews and approves news releases from the State EOC once authorized by the DSEO.

Attachment 3
Sample News Release - UNUSUAL EVENT

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

UNUSUAL EVENT DECLARED at the MILLSTONE POWER STATION.

An UNUSUAL EVENT was declared at (time & date) by operators of the Millstone Power Station (Unit Number) in Waterford Connecticut. An UNUSUAL EVENT is the lowest of the four Nuclear Regulatory Commission emergency classification levels, involving a minor problem at the plant.

The event was declared when (give plant conditions describing the event). (Give details on the function of the equipment discussed above, including what system it is part of.) The reactor (has/has not) been shut down.

There has been no release of radioactivity from the plant as a result of this incident.

- OR -

This event has resulted in an (ongoing/terminated) release of radioactivity. (Give equivalent or actual dose information if available.)

(There have/have not been any injuries.)

(Provide information/status of the other units not involved in the event.)

(Include the following only if applicable:)

Specialists from the plant's owner, Dominion Nuclear Connecticut, (are working to correct/have corrected) the plant's condition. Local, state, and federal officials have been notified and are being kept informed.

Additional information about developments at the plant will be provided as soon as it is available.

* * * * *

Attachment 4
Sample News Release - ALERT

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

ALERT DECLARED at the MILLSTONE POWER STATION

An ALERT was declared at (time & date) by operators of the Millstone Power Station (Unit Number) in Waterford Connecticut. An ALERT is the second lowest of the four Nuclear Regulatory Commission emergency classification levels and involves a relatively minor event.

The ALERT was declared when (give plant conditions). (Give details on the function of the equipment discussed above, including what system it is part of.) The reactor (has/has not) been shut down.

There has been no release of radioactivity from the plant as a result of this incident.

-OR-

This event has resulted in an (ongoing/terminated) release of radioactivity. (Give equivalent or actual dose information if available.)

Specialists from Dominion Nuclear Connecticut, the plant's owner and operator, (are working to correct/have corrected) the problem. An emergency operations center has been set up at the plant for the duration of the event.

Nonessential plant personnel (give status on dismissal or evacuation). There (have/have not) been any injuries as a result of this event.

(Provide information/status of the other units not involved in the event.)

State, local, and federal officials have been notified and are being kept informed. Additional information about developments at the plant will be provided as soon as it is available.

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Attachment 5
Sample News Release - SITE AREA EMERGENCY

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

SITE AREA EMERGENCY DECLARED at the MILLSTONE POWER STATION

A SITE AREA EMERGENCY was declared at (time & date) by operators of the Millstone Power Station (Unit Number) in Waterford Connecticut. A SITE AREA EMERGENCY is the third highest of the four Nuclear Regulatory Commission emergency classification levels and involves a relatively serious problem at the plant.

The SITE AREA EMERGENCY was declared when (give plant conditions). (Give details on the function of the equipment discussed above, including what system it is part of.) The reactor (has/has not) been shut down.

There has been no release of radioactivity from the plant as a result of this incident.

-OR-

This event has resulted in an (ongoing/terminated) release of radioactivity. (Give equivalent or actual dose information if available.)

Specially trained members of the company's emergency response organization have set up an emergency operations center and are working to return the plant to a stable condition.

Nonessential plant personnel (give status on dismissal or evacuation). There (have/have not) been any injuries as a result of this event.

(Provide information/status of the other units not involved in the event.)

Local, state, and federal officials have been notified. The State Emergency Operations Center at the Hartford Armory (has been/is being) activated.

The company has asked the public not to call the plant. (Once rumor control at the State EOC has been activated.) Members of the general public with specific inquiries may call (860-XXX-XXXX).

NOTICE TO MEDIA: *No media or public information is available at the plant site. A Joint Media Center (has been/is being) established with the State of Connecticut at the Hartford Armory, 360 Broad Street, Hartford, Connecticut, as the single source of information about the emergency. Members of the media should direct their requests for information to the Joint Media Center.*

* * * * *

Attachment 6
Sample News Release - GENERAL EMERGENCY

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

GENERAL EMERGENCY DECLARED at the MILLSTONE POWER STATION

A GENERAL EMERGENCY was declared at (time & date) by operators of the Millstone Power Station (Unit) in Waterford Connecticut. A GENERAL EMERGENCY is the most serious of four Nuclear Regulatory Commission emergency classification levels.

The GENERAL EMERGENCY was declared when (give plant conditions). (Give details on the function of the equipment discussed above, including what system it is part of.) The reactor (has/has not) been shut down.

There has been no release of radioactivity from the plant as a result of this incident.

-OR-

This event has resulted in an (ongoing/terminated) release of radioactivity. (Give equivalent or actual dose information if available.)

Specially trained members of the company's emergency response organization have set up an emergency operations center at the plant and are working to return the plant to a stable condition. Nonessential plant personnel (give status on dismissal or evacuation).

There (have/have not) been any injuries as a result of this event.

(Provide information/status of the other units not involved in the event.)

Local, state, and federal officials have been notified and are being kept informed. The State Emergency Operations Center at the Hartford Armory (has been/is being) activated.

The company has asked the public not to call the plant site. (Once rumor control at the State EOC has been activated). Members of the general public with specific inquiries may call (860-XXX-XXXX)

NOTICE TO MEDIA: NO MEDIA OR PUBLIC INFORMATION IS AVAILABLE AT THE NUCLEAR PLANT. A Joint Media Center (has been/is being) established with the State of Connecticut at the Hartford Armory, 360 Broad Street, Hartford, Connecticut, as the single source of information about the emergency. Members of the media should direct their requests for information to the Joint Media Center. The company will continue to report details about developments at the plant as soon as they are available.

* * * * *

Attachment 7
Sample News Release - STATUS Report

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

STATUS OF EMERGENCY at the MILLSTONE POWER STATION.

A (classification) remains in effect at the Millstone Power Station (Unit) in Waterford Connecticut. The (classification level) was declared at (time & date).

The event was declared when (give plant conditions and details on the function of the equipment discussed, including what system it is part of.) The reactor (has/has not) been shut down.

Specially trained members of the company's emergency response organization have set up an emergency operations center at the plant to monitor the event and are working to return the plant to a stable condition.

Local, state, and federal officials have been notified. The State Emergency Operations Center (EOC) at the Hartford Armory (has been/has not been) activated.

(Update information on the incident in progress including what had occurred to lead up to this point, using non-repetitive and value added information including status of injured workers.)

(Provide information on the other unaffected units.)

NOTICE TO MEDIA: NO MEDIA OR PUBLIC INFORMATION IS AVAILABLE AT THE NUCLEAR PLANT. A Joint Media Center (has been/is being) established with the State of Connecticut at the Hartford Armory, 360 Broad Street, Hartford, Connecticut as the single source of information about the emergency. Members of the media should direct their requests for information to the Joint Media Center.

* * * * *

Attachment 8
Sample News Release - Joint Media Center Activated

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

Joint Media Center Activated

Officials from Dominion Nuclear Connecticut and the State of Connecticut Office of Emergency Management have activated a Joint Media Center in the Hartford Armory to serve as a single source of information regarding the emergency at (Unit) of the Millstone Power Station

NO MEDIA OR PUBLIC INFORMATION IS AVAILABLE AT THE PLANT SITE. Members of the media should direct their requests for information to the Joint Media Center. The Joint Media Center is located at the Hartford Armory, 360 Broad Street, Hartford, Connecticut. Access to the center will be restricted to media representatives bearing proof of their affiliations.

If you wish to speak to a power company media representative at the Joint Media Center, please call the phone number listed above. NOTE: THIS NUMBER IS FOR MEDIA USE ONLY AND SHOULD NOT BE DISSEMINATED TO THE PUBLIC. Separate phone numbers have been issued for use by the public and are contained in news releases.

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Attachment 9
Sample News Release - Event Terminated

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

EMERGENCY ENDED at MILLSTONE STATION

The emergency ended at the Millstone Power Station (Unit) in Waterford Connecticut at (time & date). The (classification level) declared at (time & date) was terminated at (time & date)..

The event was declared when (give plant conditions and details on the status of the equipment discussed above)

(Provide any information regarding injuries as a result of this event.)

The plant is shut down and remains in a stable condition. (There was no release of radiation/the radioactive release has been terminated and there is no potential for any further releases.)

The company's emergency response organizations at the plant have been disbanded, and a recovery organization is in place to oversee the restoration of the plant to its normal operating condition. The plant is expected to remain shut down until (date).

NOTICE TO MEDIA: News information regarding Millstone or the nuclear event will no longer be available at the Joint Media Center in Hartford. If you wish to speak to corporate media representative, please call the phone number listed above.

* * * * *

Attachment 10
Sample News Release - ALERT at Unit 1

(Sheet 1 of 1)

This is a Drill

Release Number: _____ **Date:** _____ **Time:** _____ **Information as of:** _____

Contact: _____ **Phone: (860)** _____

(UNUSUAL EVENT/ALERT) DECLARED at the MILLSTONE UNIT 1 POWER STATION

The (UNUSUAL EVENT/ALERT) was declared the Millstone Power Station Unit 1 on (date) at (time) by operators of the Millstone Power Station in Waterford Connecticut. An ALERT is the second lowest of the four Nuclear Regulatory Commission emergency classification levels and involves a relatively minor event.

The event was declared when (describe the event and give details on the function of the equipment discussed above including what system it is part of).

There has been no release of radioactivity from the plant as a result of this incident.

-OR-

This event has resulted in an (ongoing/terminated) release of radioactivity. (Give equivalent or actual dose information if available.)

Specially trained members of the company's emergency response organization have set up an emergency operations center at the plant and (are working to correct/have corrected) the problem. Nonessential plant personnel (give status on dismissal or evacuation). There (have/have not) been any injuries as a result of this event.

Millstone Unit 1 stopped power operations on November 4, 1995, and is permanently shut down with all fuel removed from its reactor. In this condition, a reactor-related accident is no longer possible and no increased risk to the general public is expected beyond the ALERT level of emergency.

(Provide information/status of the other units not involved in the event.)

State, local, and federal officials have been notified and are being kept informed. Additional information about developments at the plant will be provided as soon as it is available.

* * * * *

Attachment 11
Pre-Approved News Release for ALERT

(Sheet 1 of 1)

Alert Declared at Millstone Power Station

Waterford, CT--An ALERT level of emergency exists at Millstone Power Station Unit (1/2/3). The ALERT was declared at (time) today (date). It is the next-to lowest of four emergency classifications used by the Nuclear Regulatory commission and operators of U.S. nuclear power plants.

An Alert means an actual or potential reduction in overall plant safety has occurred. Federal, state and local emergency response agencies have been notified, but no action by the public is necessary. It ensures that additional emergency response personnel are on stand-by and ready to respond if needed.

Information about conditions at Millstone will be provided as it becomes available.

As part of the Millstone emergency response plan, an Emergency Operations Facility has been activated at the nuclear station in Waterford, Connecticut.

The Millstone Power Station is owned and operated by Dominion, Inc.

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Attachment 12
Pre-Approved News Release for Site Area Event

(Sheet 1 of 1)

Site Emergency Declared at Millstone Power Station

Waterford, CT—A “SITE AREA EMERGENCY condition exists at Millstone Power Station Unit (2/3). The emergency was declared at (time) today (date). It is the next-to-highest of four emergency classifications used by the Nuclear Regulatory commission and operators of U.S. nuclear power plants.

A Site Area Emergency means conditions at Millstone have deteriorated and a release of radioactive material to the environment is possible but has not occurred/has occurred. Federal, state and local emergency response agencies have been notified and Millstone’s emergency response facilities have been activated.

Information about conditions will be provided as it becomes available.

As part of the Millstone emergency response plan, a media center has been activated at the CT National Guard Armory, in Hartford.

Millstone Power Station is owned and operated by Dominion, Inc.

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Attachment 13
Pre-Approved News Release for General Emergency

(Sheet 1 of 1)

General Emergency Declared at Millstone Power Station

Waterford, CT – A general Emergency exists at the Millstone Power Station, Unit (2,3). The emergency was declared at (time) today (date). It is the most serious of four emergency classifications used by the Nuclear Regulatory Commission and operators of U.S. nuclear power plants.

A General Emergency means abnormal plant conditions exist and many safety systems do not work. A release of radioactive material to the environment **is likely to occur/has occurred**. Federal, state and local emergency response agencies have been notified and Millstone's emergency response facilities have been activated.

Information about conditions will be provided as it becomes available.

As part of the Millstone emergency response plan, a media center has been activated at the CT National guard Armory, in Hartford.

Millstone Power Station is owned and operated by Dominion, Inc.

①

Attachment 14

SNET FAXWORKS Instructions

(Sheet 1 of 1)

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. To dial:
 - From the EOF, press the speaker button on MP1 fax machine and dial 9-(202)-216-1821.
 - From the state EOC, NNM fax, Dial 1-(202)-216-1821 from the fax telephone handset to hear the voice instructions.
 2. Enter the seven digit SNET FAXWORKS password (7972657), followed by the star key (*).
 3. To send a fax PRESS [1].
 4. You will then be given the following list of choices regarding the delivery time of the fax:
 - To send the fax immediately:PRESS [1]
 - To send the fax overnight (Between 11 p.m. and 7 a.m. EST):.....PRESS [2]
 - To schedule delivery at a specific time within a 24-hour period:PRESS [3]
Enter the military time you want the fax to go out (4 pm is 16:00 in military time).
 - To send to a SNET FAXWORKS Mailbox:.....PRESS [4]
 5. You will then be asked to enter the distribution list number or the fax number (including area code) you want to send out to, followed by the star key [*]. You can enter in as many lists or fax numbers as you would like, but they need to be entered in one at a time, pressing the star key after each entry (i.e., 001*, 003*, 860-555-1212*, 005*, 704-555-9898*).
- Choose from the following lists for SNET FAXWORKS distribution list numbers:
- 001 - Local Media
 - 002 - CT State-wide
 - 003 - Government
 - 004 - Local & Government (Lists 001 & 003)
 - 005 - All lists (Lists 001, 002, & 003)
6. When you have completed entering the lists or destination number that you want to send to: PRESS THE POUND KEY [#].
 7. Wait for the fax tone and press start on the fax machine. The document will start going through the fax machine and you may hang up the receiver.

**FOR HELP CALL THE SNET FAXWORKS CUSTOMER SERVICE DEPARTMENT
AT 1-800-345-4329.**

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