

PROC. NO. 2.50.17

Form No. 0-05-1-1
Rev. No. 2
Revised 12/18/84
Page 7 of 8

MAINE YANKEE CONTROLLED DOCUMENT REVISION TRANSMITTAL FORM

DOCUMENT: 2.50 SERIES - IMPLEMENTING PROCEDURES TO THE EMERGENCY PLAN

COPY NUMBER: Document Control Desk - USNRC, Washington (2 copies)

ISSUE DATE: May 1, 1985

1. Remove existing 2.50 series Implementing Procedures to the Emergency Plan index, and replace with attached 2.50 series index dated 5-1-85, 2 pages.
2. Remove existing Proc. No. 2.50.17, Emergency Notification, Rev. No. 9, and replace with attached Proc. No. 2.50.17, (Same Title), Rev. No. 10, pages 1-11.
3. Remove existing Proc. No. 2.50.1, Notification of Unusual Event, Rev. No. 7, and replace with attached Proc. No. 2.50.1, (Same Title), Rev. No. 8, pages 1-9.
4. Remove existing Proc. No. 2.50.2, Alert, Rev. No. 7, and replace with attached Proc. No. 2.50.2, (Same Title), Rev. No. 8, pages 1-42.
5. Remove existing Proc. No. 2.50.3, Site Area Emergency, Rev. No. 8, and replace with attached Proc. No. 2.50.3, (Same Title), Rev. No. 9, pages 1-48.
6. Remove existing Proc. No. 2.50.4, General Emergency, Rev. No. 9, and replace with attached Proc. No. 2.50.4, (Same Title), Rev. No. 10, pages 1-47.
7. Remove existing Proc. No. 2.50.22, Activation of the Alternate Emergency Operations Facility, Rev. No. 0, and replace with attached Proc. No. 2.50.22, (Same Title), Rev. No. 1, pages 1-3.

The above listed revision(s)/change(s) has/have been placed in your assigned copy.

DATE

THE UNDERSIGNED ACKNOWLEDGES COMPLETION OF THE FOLLOWING:

- R 1. The receipt, review and insertion of the revised material into the assigned manual/file.
2. Assurance that those who use the document are aware of the change.
- R 3. The destruction of all superseded pages.

SIGNATURE OF HOLDER: _____

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DATE

RETURN THIS FORM TO: Administration Office within 10 working days of issue.
Maine Yankee Atomic Power Co.
P.O. Box 403
Wiscasset, Maine 04578

X005
1/1

2.50 SERIES

IMPLEMENTING PROCEDURES TO THE EMERGENCY PLAN

5-1-85

NUMBER	TITLE	CURRENT REVISION							
		#	DATE	#	DATE	#	DATE	#	DATE
2.50.0	Declaration & Categorization of Emergency Condition	6	8/84						
2.50.1	Notification of Unusual Event	7	6/84	8	4/85				
2.50.2	Alert	7	7/84	8	4/85				
2.50.3	Site Area Emergency	8	7/84	9	4/85				
2.50.4	General Emergency	9	8/84	10	4/85				
2.50.5	Emergency Plan Training	3	3/85						
2.50.6	Emergency Equipment Readiness Check	21	3/85						
2.50.7	Emergency On-Site Radiation Monitoring Procedure	4	3/85						
2.50.8	Medical Emergency Plan	2	4/85						
2.50.9	Security Force Radiation Emergency Plan	5	3/85						
2.50.10	Evaluation of Radiological Data	7	4/85						
2.50.11	Entry & Recovery	6	8/84						
2.50.12	Emergency Off-Site Radiation Monitoring Procedure	6	1/85						
2.50.14	Emergency Radiation Exposure Control	5	3/85						
2.50.15	Release of Public Information During Emergencies	2	3/85						
2.50.16	Protective Action Recommendations	4	3/85						
2.50.17	Emergency Notification	9	5/84	10	4/85				

"PUBLIC INFORMATION"

"WITHHOLD FROM PUBLIC DISCLOSURE"

"PUBLIC INFORMATION"

"WITHHOLD FROM PUBLIC DISCLOSURE"

IMPLEMENTING PROCEDURES TO THE EMERGENCY PLAN

[illegible]

Dept. Head ETB
PORC PL Newcomb
MOO N/A

Proc. No. 2.50.17
Class. A
Rev. No. 10
Issue Date 4-25-85
Review Date 4/87

"PRIVATE INFORMATION"
"EXCLUDED FROM PUBLIC DISCLOSURE"

2.50.17 EMERGENCY NOTIFICATION

1.0 DISCUSSION

Plant resources are anticipated to be sufficient to cope with most of the emergency conditions. The minimum shift staff requirement is designed to handle immediate response to all emergencies. During normal work hours it is expected that personnel on site will cope with all the Plant activities necessary to properly implement emergency procedures. During back shifts and weekends it will be necessary to notify varying numbers of off-duty personnel, depending upon Plant conditions, to report to the Plant.

Notification of off-duty personnel is accomplished through parallel usage of the pager system for speed and extended coverage and the telephone call lists for reliability, verification and additional information.

2.0 OBJECTIVE

To outline the system of plant personnel notification.

3.0 REFERENCES

- 3.1 Maine Yankee Emergency Plan.
- 3.2 Emergency Procedures 2.50.0, 2.50.1, 2.50.2, 2.50.3 and 2.50.4.
- 3.3 Maine Yankee Emergency Plan Roster.

4.0 PRECAUTIONS

During exercises or drills, preface and terminate notifications with the words "This is a drill, this is a drill".

5.0 PROCEDURE

- 5.1 Follow the call tree and sequence as presented in the various Appendices.

NOTE: The pager system notification procedure is listed in Appendix A, Page 4.

- 5.2 Call-Group contacts will use the emergency plan roster to notify the necessary personnel in their group.

~~"PRIVATE INFORMATION"~~
~~"WITHHOLD FROM PUBLIC DISCLOSURE"~~

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5.3 Personnel whose names are numbered at the top of each list have been designated as Call-Group contact personnel and should have copies of this procedure and the roster at home.

5.4 Contact personnel must complete notifications.

5.5 When using the contact lists make the following indications beside each name: a check (v) for completed contacts and a cross (x) for contacts not completed.

5.6 Emergency Center phone numbers are listed in Appendix E.

6.0 FINAL CONDITIONS

6.1 Required notifications have been made.

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ANI
INPO
Bailey House - Environmental Personnel
Newcastle CMP District Office
Offsite Assistance
Emergency Plan Roster by Duties
Emergency Center Phone Directory

APPENDIX A

PLANT SHIFT SUPERINTENDENT - EMERGENCY CALL LIST

<u>Nuclear Safety Engineer</u>	<u>Maine State Police</u>	<u>Emergency Coordinator</u>	<u>CMP Dispatcher</u>
Notify for All Emergency Classifications. Use Plant Femco, phone, or pager.*	Notify for All Emergency Classifications. Use the first available of the following:	Notify for All Emergency Classifications. The Duty Emergency Coordinator schedule, phone number and pager* number is posted in the Control Room.	Notify for All Emergency Classifications. Use the microwave system.
Tel. Pager	A. Hotline (White Phone) B. State Police Radio C. Commercial Telephone: D. Microwave to CMP dispatcher - request he notify State Police.		

* NOTIFICATION OF PAGER SYSTEM

NOTE: This system can only be activated by touch tone telephones through the Maine Yankee PBX.

NOTE: Touch tone telephones in the CMP and MY Augusta offices can operate through the MY PBX by dialing or access.

1. Call extension (this is the extension assigned to the radio pager).
2. Listen for a single ring, a pause, then a tone.
3. After hearing the tone, dial the group call number.
4. Listen for a continuous tone. This tone is being broadcast to all pagers, and is heard by those carrying them.
5. After hearing the continuous tone, make the emergency announcement. You have 30 seconds air time, then the transmitter automatically shuts down.
6. Repeat if necessary.
7. For Unusual Event
 - 7.1 Notify the Duty Call Officer by dialing his individual pager number instead of the number. Instruct the DCE to call the plant.
8. For Alert, Site Area or General Emergency
 - 8.1 Use the group call.
 - 8.2 After the continuous tone broadcast the following message:
 "Alert, Site Area or general Emergency" (Repeat) All personnel report to your designated location".

APPENDIX B

NUCLEAR SAFETY ENGINEER - EMERGENCY CALL LIST
Includes Nuclear Support DivisionNRC

Notify NRC for All Emergency Classifications using the Red Phone in the Control Room or Technical Support Center.

Once contact is made the phone should be kept open and manned. The NSE should assign an available knowledgeable member of the plant staff to man the phone.

NOTE: If the Red Phone is inoperable, use any of the following numbers to reach the NRC Operations Center.

- 1.
- 2.
- 3.
- 4.

Maine Yankee Nuclear Support Div.

1. Notify for All Emergency Classifications.
2. Start at the top of the list and work down until a contact is made, advise of the emergency, and if it's required, instruct him to notify the rest of the personnel on the list.
3. When a contact is made, make sure that the individual reached has a copy of the phone list so that notification can be continued if necessary.

NAMEPAGER NO.PHONE

1. Frizzle, Charles D.
2. Wood, Edwin C.
3. Hebert, James
4. Brinkler, James E.
5. Lawton, Robert R.
6. Arnold, John H.
7. Evans, Stephen D.

Yankee Nuclear Support Div.

1. Notify for Alert, Site Area and General Emergency ONLY.
2. Call NSD Security and report classification of emergency.

Telephone:

NOTE: If you have difficulty with this number, you can reach the NSD Security with an alternate number:

3. For backshifts and holidays call YNSD 24 hour pager answering service, ZIP-CALL, in Boston.

Telephone:

An answering service operator at ZIP-CALL will answer "ZIP-CALL" and request pager number. Give the ZIP-CALL operator pager number

Repeat fifteen minutes later.

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EMERGENCY COORDINATOR - EMERGENCY CALL LIST

Notification Criteria

Alert Notify one from each group. Have that individual alert others in his group to standby and then report to plant.

Site Area and General Notify one from each group. Have that individual notify the others in his group. Instruct personnel to report to the plant.

NOTE: Notifiers in a large group such as Operations can split up their call list. Be sure that each notifier has a roster and that the split of the remaining calls is clearly defined.

<u>Plant Management List</u>		<u>Operations Group</u>		<u>Maintenance Group</u>	<u>Offsite Dosimetry Asst.</u> (See Next Page)
<u>Phone</u> <u>Pager</u>		<u>Phone</u> <u>Pager</u>	<u>Mech.</u>	<u>Phone</u> <u>Pager</u>	<u>I&C</u> <u>Phone</u> <u>Pager</u>
1. Garrity, John H. 2. Boulette, Thomas		1. Stevenson, Donald 2. Blackmore, Robert 3. Weast, James 4. Baxter, William 5. Lehouillier, Gerard 6. Mathieson, John 7. Jameson, Elmer	1. Prouty, Russell 2. Forrest, Richard 3. Vachon, Keven 4. Curtis, Dennis		1. Radasch, Rockwell 2. Lemieux, Dan 3. Dover, Mark
<u>Plant Engineering Group</u>			<u>Training Group</u>		
<u>Phone</u> <u>Pager</u>				<u>Phone</u> <u>Pager</u>	
1. Gleason, Franklin 2. Howard, Tom 3. Jutras, Roger 4. Speed, Lincoln			1. Bickford, Robert 2. Croteau, Leo		
		<u>Technical Support Group</u>			
<u>Rad Controls</u>	<u>Phone</u> <u>Pager</u>	<u>Chemistry</u>	<u>Phone</u> <u>Pager</u>	<u>Reactor Eng.</u>	<u>Phone</u> <u>Pager</u>
1. Cochrane, Gary 2. Pillsbury, George 3. Langdon, Tom 4. Isham, Michael		1. Radsky, Peter 2. Lach, Walter 3. Thornburg, Larry		1. Boynton, David 2. Card, John	<u>Computer</u> 1. Connell, James 2. Whyte, James

~~"PRIVATE INFORMATION"~~~~"WITHHOLD FROM PUBLIC DISSEMINATION"~~

APPENDIX C - Continued

EMERGENCY COORDINATOR

OFFSITE DOSIMETRY ASSISTANTS

The personnel listed below are qualified to assist Local Emergency Operation Centers (EOC) in setting up emergency worker dosimetry and exposure control.

NOTIFICATION CRITERIA

Unusual Event that could escalate and have public safety significance. Contact one Offsite Dosimetry Assistant (ODA) and have him notified of the possible significance of the emergency.

Alert, Site Area, General

1. During normal working hours or if ODAs are at the EOC - assign available ODAs from the list to EOCs that are in or near the downwind plume path.
2. During off hours when assigning ODAs from home - contact ODAs at phone numbers listed and assign a primary and a secondary EOC for them to report to that is in or near the downwind plume path.

NOTE: When assigning personnel to the EOCs from their homes, make the assignments considering the distance from the assigned EOC. Use the E-Plan Map and this list to approximate distances.

<u>NAME</u>	<u>PHONE NUMBER</u>	<u>HOME</u>	<u>TOWNS THAT HAVE EOCs</u>
Arthur Bonenfant		Amusta	Alna
David Collamore		Weeks Mills	Bowdoinham
Clayton Giggey		Damariscotta	Dresden
Hunter Gilpatrick		Topsham	Wiscasset
Ronald Grant		So. Gardiner	Newcastle
Thomas Howard		Bath	Damariscotta
Alan Jones		Jefferson	Woolwich
Richard Liscomb		Brunswick	Edgecomb
William Tracy		Topsham	Bath
Lloyd Savage		Wiscasset	West Bath
Eric Soule		Yarmouth	
			Arrowsic
			Brunswick
			South Bristol
			Bristol
			Boothbay Harbor
			Southport
			Georgetown
			Phippsburg
			Westport
			Boothbay

APPENDIX D

CMO DISPATCHER - EMERGENCY CALL LIST

NOTE: In each of the following notification lists, start at the top of the list and work down until a contact is made.

When a contact is made, make sure that the individual reached has a phone list so that notification can be continued if necessary.

Corporate Management List

Notify for all emergency classifications.

<u>Pager</u>	<u>Office Extension</u>	<u>Home</u>
1. J. B. Randazza		
2. C. E. Monty		

Public Affairs Information Service List

Notify for all emergency classifications.

<u>Office Extension</u>	<u>Home</u>
1. J. H. Arnold	
2. P. M. Briggs	
3. P. G. Thompson	
4. F. A. Chiaravalloti	

(Maine State Police)

ONLY if requested by
Control Room.

Tel.

CORPORATE MANAGEMENT AND PAIS RESPONSE ASSIGNMENTS

Emergency Level

Unusual Event (least severe)

Alert

Site Area Emergency

General Emergency (most severe)

Response

Complete the notification process and stand by.

Complete the notification process and stand by.

Complete the notification process and report as appropriate.

Complete the notification process and report as appropriate.

~~"EMERGENCY INFORMATION"~~
~~"REMOVED FROM POWER DISK/COPIES"~~

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APPENDIX E

MISCELLANEOUS - EMERGENCY CALL LIST

1. American Nuclear Insurers

NOTE: ANI maintains a 24-hour coverage emergency notification number. The number is . During normal office hours (8:00 a.m. - 4:00 p.m.) this number will be answered by a receptionist who will transfer an incoming emergency call to an appropriate individual in the office. Outside of normal office hours this phone line is covered by an answering service. The answering service will intercept the call and obtain the name, affiliation, and phone number of the caller. They will then notify a designated ANI staff member who will in turn call back the facility to obtain appropriate information regarding the nuclear accident.

2. INPO

Emergency Call Number . Use this number if a management decision is made to request INPO assistance.

3. Bailey House - Environmental Personnel

Regular Business Hours

Off Duty Hours

William Nason
Roger O'Clair
William Camball
Billy Hanson

Environmental Field Supervisor
Environmental Tech.
Environmental Specialist
Air Quality Specialist

4. Newcastle District Office

During working hours:

During Regular Business Hours you will get the Newcastle Office directly. Tell them who you are and where you are from and that they should prepare for the arrival of Maine Yankee Personnel and Yankee Mobile Emergency Vans.

All other times: Call the CMP Dispatcher

Read the following message: "This is _____ from the Maine Yankee Plant, please contact the Duty Supervisor for the Newcastle District Office and inform him that he should open the office and prepare for the arrival of Maine Yankee Personnel and Yankee Mobile Emergency Vans". Check to assure ?

5. Off-Site Local Assistance - When Needed

Dr. Anthony Keating
(Notify for all hospital cases)

Bath Hospital
Wiscasset Fire Dept.
Wiscasset Police Dept.
Wiscasset Ambulance Service

6. Emergency Plan Roster by Duties

Emergency Coordinator Pager

James Brinkler
Thomas Boulette
Gary Cochrane
Patrick Dostie
Stephen Evans
Stephen Evans
John Garrity
George Pillsbury
Donald Stevenson
Leo Croteau

Radiological Data Evaluators Pager

Gary Cochrane
James Hamner
Michael Isham
Gregory Kapinos
George Pillsbury
David Stumolo

First Aid

Louise Morange
Gregory Kapinos

Manpower Coordinators

Brenda Castonguay
Christiane Cornish
Patti Whitten
Marylou Larabee
Nancy Leavitt

APPENDIX E
MISCELLANEOUS - EMERGENCY CALL LIST (Cont.)

6. E-Plan Roster by Duties Cont.

Communications

Robert Bickford	Rec. Mgr. Info. Asst.
Michael Evringham	" "
Michael Swartz	" "
William Ball	Comm. Asst./Aids
Paul Cereste	" "
Jon Kirsch	" "
James Sanoski	" "
Steven Shelansky	" "
Harold Siercks	" "
Dennis Soule	" "

Switchboard Operators

Diana Stackpole
Janice Hezik

Offsite Monitors

Rod Emerick
William Portela
Mark Dover
Clifford Haynes
Dennis Hickey
James Brannon
Clifford Young
Robert Wills
William Schoppmeyer
Robert Higgins
Fred Bragdon
Stephen LeClerc
Paul Stover
Thomas Langdon
Mark Hinckley
Robert Latch
William Schubert
Stephen Shelansky

7. Emergency Center Phone Directory

Emergency Operations Center

Emergency Coordinator
Asst. Emergency Coordinator
Radiological Evaluation Asst.
Radiological Evaluation
Manpower Coordinator
Central Office Line (outside line) Emerg. Coord.
Central Office Line (outside line) Offsite Eval. Center

Operational Support Center

O.S.C. Coordinator
O.S.C. Rad. Controls

Technical Support Center

T.S.C. Coordinator

Central Office Line (outside line)

Recovery Manager

Central Office Line (outside line)

8. NSSS and A/E Services

Combustion Engineering

Stone and Webster

APPENDIX E

MISCELLANEOUS - EMERGENCY CALL LIST (Cont.)

~~"Security Information"~~
~~"Security - Emergency Response Disposition"~~

Miscellaneous

Pager

H. Torberg Security
S. Brown Fire
W. Paine Fac. Serv.
Cottage
R. Nelson NSE
J. Stevens NSE
R. Lawton OQMD
J. Hebert PED
R. Arsenault Ops. Sup.

Dept. Head ETB
PORC PX Neumann
MOO N/A

Proc. No. 2.50.1
Class. A
Rev. No. 8
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2.50.1 NOTIFICATION OF UNUSUAL EVENT

1.0 DISCUSSION

An Unusual Event is defined a potential degradation of the level of safety of the plant. Incidents which have no public safety significance but which attract public attention (e.g., noise nuisance) may be treated as unusual events for notification of offsite authorities. Unusual Event conditions would not cause serious damage to the plant and may not require a change in operational status.

The basic shift complement is able to deal with Unusual Event conditions, but additional plant personnel may be notified and requested to respond at the discretion of the Plant Shift Superintendent or Plant Manager.

The decision to make an immediate initial declaration rests with the Emergency Coordinator who, in turn, instructs Control Room personnel to activate the notification system. On-duty personnel are assigned to functions as required. Notification is made to off-site authorities as delineated. Additional members of the plant organization, including top management, are notified and augment on-duty personnel as necessary. Public information will be supplied via appropriate mechanisms. Notification of closeout or escalation to a more severe classification will be provided to appropriate off-site authorities.

The following appendixes are attached and are to be used as check-off sheets by individuals responsible for implementation of this procedure:

- Appendix A Plant Shift Superintendent
- Appendix B Plant Manager
- Appendix C Emergency Coordinator

R

2.0 OBJECTIVE

To outline the actions required of plant personnel, visitors, and contractors when an Unusual Event is declared.

3.0 PREREQUISITE

An Unusual Event has been declared per procedure 2.50.0, "Declaration and Categorization of Emergency Condition."

4.0 PROCEDURE

1. Having recognized the emergency condition and classified as an Unusual Event according to Procedure 2.50.0 "Declaration and Categorization of Emergency Condition", the Plant Shift Superintendent will assume the duties specified in Appendix A of this procedure.
- R 2. After being notified of the Unusual Event, Emergency Coordinator will perform the actions specified in Appendix C.
3. The Plant Manager or his designated alternate, after being notified will perform the actions specified in Appendix B.

FINAL CONDITIONS

- R 1. When the Unusual Event has been brought under control and plant conditions have stabilized to the satisfaction of the Plant Shift Superintendent, Shift Engineer and the Emergency Coordinator, the emergency condition may be terminated.
2. The Plant Shift Superintendent or the Emergency Coordinator (if he is on site) will close out the event by issuing verbal summaries to appropriate off-site authorities and agencies.
- R 3. The Emergency Coordinator will notify plant and corporate management of the emergency's end.

OR

Conditions causing the event may become more severe and escalation to a more severe class of emergency may be deemed necessary by the Emergency Coordinator. Augmentation of emergency personnel will be initiated in accordance with Procedure 2.50.17, "Emergency Notification."

APPENDIX A

UNUSUAL EVENT - PLANT SHIFT SUPERINTENDENT

REQUIRED ACTIONS:

INITIAL/TIME

1. Procedure 2.50.17, "Emergency Notification" contains all the phone numbers and pager numbers required in this procedure. /
2. Act as the Emergency Coordinator until relieved.
3. Determine, using the following criteria, the degree of in-plant notification that is appropriate.

- ** a) The incident has no effect on personnel safety and plant operations. (i.e., waste shipment accident in Maine) /

-No Plant announcement is necessary-

- ** b) The incident has no effect on personnel safety but personnel should be aware of the incident or operational problem. (i.e., Transient causing steam generator safety valves or turbine relief valves to blow - a noise problem) /

-Make the following announcement over the FEMCO System-

"Unusual Event, Unusual Event, Unusual Event (Describe conditions and affected areas). This is an informational announcement. Personnel should continue their regular duties."

Repeat the Announcement

- ** c) The incident may have some affect on personnel safety or may cause operational problems that could escalate to a higher level emergency. /

Sound a 10 second blast on the evacuation alarm and make the following announcement on the FEMCO:

"Unusual Event, Unusual Event, Unusual Event"

"(Describe the condition and affected area)"

"All plant staff with emergency duties respond as required. All other plant personnel will report to their department areas and be accounted for and advised by their supervisors. Visitors and contractors report to the Staff Building and await further instruction."

Repeat the Announcement

NOTE: For any Unusual Event the following notifications must INITIAL/ TIME
be made.

NOTE: Steps 4 and 5 must be performed by the same person.

4. Notify the Maine State Police within 15 minutes of the declaration by using the White Phone in the Plant Shift Superintendent's office.

If contact cannot be made by this system, use an alternate method listed in Procedure 2.50.17 Appendix A.

Provide either Message A or B indicated below: _____ / _____

MESSAGE A: Use if no off-site release is involved

- This is (name of caller) from Maine Yankee Atomic Power Station.
- We have an Unusual Event.
- No release of radioactivity is occurring.
- No protective actions are recommended.
- I expect a confirmation call.

REPEAT THE ENTIRE MESSAGE

MESSAGE B: Use if an off-site release is in progress or projected

- This is (name of caller) from Maine Yankee Atomic Power Station.
- We have an Unusual Event.
- A minor release of radioactivity is in progress or expected.
- The wind is blowing from (provide current wind speed and direction).
- No protective actions are required.
- I expect a confirmation call.

REPEAT THE ENTIRE MESSAGE

5. Confirm the message for the State Police. _____ / _____

NOTE: State Police will call back and ask to speak to the individual who made the call in step 4.

INITIAL/TIME

6. Request the Shift Engineer to report to the Control Room and instruct him to:

- a) Notify the NRC on the Emergency Notification System (Red Phone). Maintain an open communications channel on this line. This channel will be closed only when allowed to do so by the NRC.

NOTE: This channel need not be manned continuously in the initial stage.

b) Notify Maine Yankee Nuclear Support Division.

c) Review the classification and determine required assistance.

R 7. Contact the Emergency Coordinator, inform him of current plant conditions and decide on the necessity for further notification of plant personnel and the type of assistance required.

SUBSEQUENT ACTIONS:

1. Be prepared to provide plant status information via the hot line to offsite authorities if requested. Record all messages on the forms provided.

R 2. Inform the Plant Manager and/or the Emergency Coordinator of current plant status and required actions to terminate the event. Direct the activities of the emergency response organization unless otherwise directed by the Plant Manager or relieved by an Emergency Coordinator.

NOTE: For backshift or weekends, this notification will be made to the Emergency Coordinator, who in turn notifies plant management.

3. Request assistance of outside agencies (fire, law enforcement, or medical rescue personnel and related equipment) as needed to deal with the event. (Refer to Procedure 2.50.17, "Emergency Notification")

a. Fire

b. Medical

c. Law enforcement (in conjunction with shift Security Capt.)

4. Notify the CMP Dispatcher, who in turn will notify Corporate Management and Public Affairs and Information Services.

5. Re-evaluate the emergency classification and confer with the Emergency Coordinator (if on-site). Use Proc. 2.50.0 for reclassification criteria.

INITIAL/ TIME

/

NOTE: If conditions warrant escalation to a more severe class, go to Appendix A-1 of the appropriate emergency procedure

/

6. When the Unusual Event is terminated perform the following:

a) Notify plant personnel of the termination of the Unusual Event over the FEMCO if they have been alerted.

/

R b) If the Emergency Coordinator is on site, instruct him to make calls as indicated in Appendix C.

R If the Emergency Coordinator is off-site:

a) Notify the NRC of termination, use the Red Phone.

/

b) Notify the State Police of termination, use the Hot Line.

/

c) Notify Maine Yankee Nuclear Services of termination.

/

R d) Contact the Emergency Coordinator and have him notify all personnel he had on standby.

e) Notify CMP Dispatener, who in turn will notify Corporate Management and Public Affairs and Information Services.

/

7. Summarize the actions and resultant conditions in the Control Room Log:

APPENDIX B

UNUSUAL EVENT - PLANT MANAGER

REQUIRED ACTIONS:

INITIAL/TIME

- R 1. Assess the situation based on information supplied by the Plant Shift Superintendent or the Emergency Coordinator and assure all necessary plant resources are applied to the event.
2. Act or appoint someone to act as liaison between plant and corporate headquarters to provide status reports and respond to queries through or with the Public Affairs Department.

_____/_____

_____/_____

R

APPENDIX C

UNUSUAL EVENT - EMERGENCY COORDINATOR

REQUIRED ACTIONS:

INITIAL/TIME

1. After discussion of the plant conditions with the Plant Shift Superintendent (P.S.S.) and/or Shift Engineer notify Plant Manager.

____/____

2. Augment plant manpower as requested by Plant Manager and/or the Plant Shift Superintendent and notify selected members of plant staff to standby.

____/____

3. Report to the plant if conditions warrant such action.

____/____

NOTE: This election is made after consultation with the Plant Shift Superintendent and/or the Shift Engineer.

4. Standby and continue to assist the Plant Manager and Plant Shift Superintendent until the event is terminated.

____/____

5. Use Proc. 2.50.0 "Declaration and Categorization of Emergency Condition", for reclassification criteria.

6. If conditions warrant a re-classification to a more severe class, report to the EOF and assist the P.S.S. in coordinating off-site response.

____/____

7. Contact the Offsite Dosimetry Assistants if in the opinion of the P.S.S. the emergency could escalate. Use Procedure 2.50.17, "Emergency Notification" for the names and phone numbers of qualified personnel.

____/____

- R 8. If in the opinion of the P.S.S. and/or the Emergency Coordinator the Unusual Event no longer exists, notify (If on-site):

a) N.R.C. (Via Red Phone)

____/____

b) State Police (Via Hot Line)

____/____

c) Maine Yankee Nuclear Support Division

____/____

d) All personnel placed on "Standby"

____/____

e) Notify CMP Dispatcher, who in turn will notify Corporate Management and Public Affairs and Information Services.

____/____

R 9. If the Emergency Coordinator is not on-site and the Unusual Event is terminated, assure that the P.S.S. has made the NRC, State and MYNSD notifications.

_____ /

R 10. The Emergency Coordinator will notify all plant personnel placed on standby that the Unusual Event has been terminated.

_____ /

11. If visitors and contractors have been evacuated to the Staff Building, send someone to brief these people.

_____ /

Dept. Head ETB
PORC P.L. Newcomb
MOO N/A

Proc. No. 2.50.2

Class. A

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2.50.2 ALERT

1.0 DISCUSSION

An Alert is defined as an actual or potential substantial degradation of the level of safety of the plant or failure of critical safety functions that are not called upon to function.

An Alert requires action beyond the normal capability of the basic shift complement. The Technical Support Center (TSC) and the Operations Support Center (OSC) are actuated and staffed. The Emergency Operations Facility (EOF) will be activated with the Emergency Coordinator and sufficient emergency assistance personnel to assess off-site radiological impact and coordinate emergency actions.

The decision to make an immediate initial declaration rests with the Emergency Coordinator. Prompt notification is made to off-site authorities cognizant of plant conditions. Public information concerning the event will be provided via appropriate mechanisms.

The following appendices are attached and are to be used as check-off sheets by individuals responsible for implementation of this procedure at the various identified center locations:

Appendix A	Plant Shift Supt. (Initial declaration is Alert)	Pg. 6
Appendix A-1	Plant Shift Supt. (Escalation to Alert)	Pg. 11
Appendix A-2	Plant Shift Supt. (De-escalation to Alert)	Pg. 15
Appendix B	Plant Manager	Pg. 17
Appendix C	Emerg. Coordinator (Initial declaration is Alert)	Pg. 18
Appendix C-1	Emerg. Coordinator (Escalation to Alert)	Pg. 23
Appendix C-2	Emerg. Coordinator (De-escalation to Alert)	Pg. 28
Appendix D	Radiological Evaluation Asst.	Pg. 30
Appendix E	Communications Asst.	Pg. 36
Appendix F	Manpower and Planning Asst.	Pg. 39
Appendix G	Coordinator's Asst.	Pg. 40
Appendix H	Radiological Habitability Assessment	Pg. 41

2.0 OBJECTIVES

To outline the actions required of plant personnel, visitors, contractors, and other effected personnel when an Alert is declared.

NOTE: We may get to an Alert Condition in three ways:

1. Our initial declaration may be an Alert.
2. We may escalate to an Alert Condition from an Unusual Event.
3. We may de-escalate to an Alert from a higher Category Emergency.

The above Appendices will address each of these cases.

3.0 PREREQUISITE

1. An Alert has been declared per Procedure 2.50.0, "Declaration and Categorization of Emergency Condition."

4.0 PROCEDURE

1. Personnel evacuating the plant will report to the Staff Building Emergency Centers as indicated on page 4.
2. Having recognized the emergency condition and classified it as an Alert according to Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," the Plant Shift Superintendent will assume the duties specified in Appendix A, A-1, or A-2.
3. After being notified of the Alert, Plant Manager or his designated alternate will carry out the actions specified in Appendix B.
4. The Technical Support Center Coordinator will respond and perform the actions specified in Procedure 2.50.19.
5. The Operational Support Center Coordinator will respond and perform the actions specified in Procedure 2.50.18.
- R 6. The Emergency Coordinator will respond and perform those actions specified in Appendix C, C-1, or C-2.
7. The Emergency Operation Facility (EOF) will be activated and those personnel with EOF duties will respond and perform the actions specified in Appendices D, E, F, G, and H.

FINAL CONDITIONS

1. When the Alert condition has been brought under control and plant conditions have stabilized to the satisfaction of the Plant Shift Superintendent, Shift Technical Advisor and the Emergency Coordinator, the Emergency Coordinator may in accordance with Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," declare the emergency condition terminated.
2. The Emergency Coordinator will instruct the Plant Shift Superintendent to announce on the FEMCO system that the Alert is ended.

3. The Emergency Coordinator will close out the event by issuing verbal summaries to off-site authorities and agencies.

OR

It may be necessary to escalate or de-escalate the emergency classification as deemed necessary by the Emergency Coordinator.

NOTE: The Emergency Coordinator should ensure that the NRC, MBCEP, CMP, and YAEC have been notified in step 3 above.

4. Public information statements will be prepared and released by Maine Yankee corporate office personnel at Central Maine Power Company, Augusta or, if conditions warrant such action, at the EOF.

SUMMARY OF PERSONNEL REPORTING AREAS AND ASSIGNMENTS

5. Personnel will report to the Emergency Centers as directed:

a) Weekends or backshifts during operations:

- 1) On-site Operations personnel report to the Control Room or as directed by the Plant Shift Supt. All other personnel on site report as for normal working hours or as directed by the Plant Shift Superintendent.
- 2) Personnel reporting to the site will check in at the Emergency Operations Facility.

b) Normal working hours:

<u>Operations</u>	<u>Initially Report To</u>	<u>Assignments</u>
Dept.	Cont. Room	T.S.C.
Asst. Dept. Head	T. S. C.	
Shift P.S.S.	Cont. Room	
Shift Operators	Cont. Room	
Spare P.S.S.	O.S.C.	
Spare Operators	O.S.C.	
<u>Maintenance</u>		
Dept. Head	T.S.C.	
Section Head	O.S.C.	E.O.F. as needed
All others	O.S.C.	O.S.C. as needed
<u>Radiological Controls</u>		
Section Head	E.O.F.	
Rad. Control Supv.	E.O.F.	
Foreman	O.S.C.	
Specialists	E.O.F.	T.S.C. & O.S.C. as needed
Technicians	O.S.C.	E.O.F. as needed
Testers, Trainees	O.S.C.	E.O.F. as needed
Aides	E.O.F.	Dosimetry records

<u>Chemistry</u>	<u>Initially Report To</u>	<u>Assignments</u>
Section Head	T.S.C.	
Supervisors	O.S.C.	E.O.F. as needed
Technicians	O.S.C.	E.O.F. as needed
<u>I & C</u>		
Section Head	T.S.C.	
Foreman	O.S.C.	
Technicians & Testers	O.S.C.	
<u>Plant Eng.</u>		
Lead Eng.	T.S.C.	
Engs. and Aides	E.O.F.	
<u>QA</u>		
All Personnel	E.O.F.	T.S.C. as needed
<u>Nuclear Safety</u>		
All Personnel	T.S.C.	E.O.F. as needed
<u>Reactor Eng.</u>		
Sect. Head	T.S.C.	
Engs.	E.O.F.	T.S.C. as needed
<u>Computer Group</u>		
Sect. Head	T.S.C. Room	Comp. Room as needed
Sr. Analyst	Comp. Room	
Analysts	E.O.F.	T.S.C. as needed
<u>Training</u>		
All Personnel	E.O.F.	
<u>Plant Services</u>		
All Personnel	O.S.C.	
<u>Stores</u>		
All Personnel	O.S.C.	
<u>Administrative</u>		
All Personnel	E.O.F.	

APPENDIX A

ALERT - PLANT SHIFT SUPERINTENDENT

When the initial Emergency Declaration is an Alert.

INITIAL/TIME

REQUIRED ACTIONS:

NOTE: Procedure 2.50.17, "Emergency Notification," contains all the phone numbers and pager numbers required in this procedure.

1. Act as the Emergency Coordinator until relieved.
2. Instruct Control Room personnel to sound a ten-second blast of the evacuation alarm and make the following announcement on the FEMCO System.
 - a. "Alert, Alert, Alert"
 - b. "(Describe condition and affected area)"
 - c. "Plant staff with emergency duties report to your assigned emergency center and be accounted for by the center supervisor. All other plant staff, visitors and contractors assemble at the Staff Building and await further instruction."

Repeat the announcement

NOTE: Steps 3 and 4 must be performed by the same person.

3. Notify the Maine State Police within 15 minutes using the hot-line (White Phone) in the Plant Shift Superintendent's Office.

INITIAL/TIME

If contact cannot be made by this system, use an alternate method listed in Emergency Plan Procedure 2.50.17, Appendix A.

Provide either Message A or B indicated below:

MESSAGE A: Use if no off-site release is involved _____/_____

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have an Alert.
- No release of radioactivity is occurring.
- No protective actions are recommended.
- I expect a confirmation call."

Repeat the entire message.

OR

MESSAGE B: Use if an off-site release is in progress or projected _____/_____

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have an Alert.
- A minor release of radioactivity is in progress or expected.
- The wind is blowing from (provide current wind speed and direction).
- No protective actions are required.
- I expect a confirmation call."

Repeat the Entire Message.

INITIAL/TIME

4. Confirm the message for the State Police, when they call back. They will ask to speak to the individual who made the notification.

____/____

5. Request the Shift Engineer to report to the Control Room and instruct him to:

- a. Notify the NRC, within one (1) hour after declaring the emergency, on the Emergency Notification System (Red Phone). Maintain an open communications channel on this line. This channel will be closed only when allowed to do so by the NRC.

____/____

NOTE: This channel need not be manned continuously in the initial stages.

b. Notify Maine Yankee Nuclear Support Division.

____/____

c. Notify Yankee Nuclear Support Division.

____/____

d. Review the classification and determine required assistance.

____/____

e. Advise the Plant Shift Superintendent on response measures.

____/____

R 6. Contact the Emergency Coordinator, inform him of current plant status and request him to initiate his appendix of this procedure (Appendix C).

____/____

SUBSEQUENT ACTIONS:

NOTE: Assure that an accurate log, including the time, of all events, actions, notifications and phone calls is being maintained.

1. If a release is in progress, estimate the off-site dose using the radiation monitors and the computer or the nomograms in the Control Room. Refer to Procedure 2.50.10, "Evaluation of Radiological Data."

____/____

2. Be prepared to provide plant status information via the hotline to off-site authorities if requested.

____/____

- | | <u>INITIAL/TIME</u> |
|--|---------------------|
| 3. Notify the CMP Dispatcher, who in turn will notify Maine Yankee Corporate Management and the Public Affairs and Information Service. | ____/____ |
| 4. When the TSC has established contact with the Control Room request any required assistance in handling communications. | ____/____ |
| 5. If the event produces abnormal in-plant radiological conditions, direct the shift Chemistry and Radiological Controls Technician to evaluate the condition and augment this capability with the manpower provided by the Emergency Coordinator when applicable. | ____/____ |
| 6. Account for all shift personnel. Give names of personnel accounted for to the gatehouse. | ____/____ |
| 7. Request assistance of outside agencies (fire, law enforcement, or medical rescue personnel) as needed to deal with the event (refer to Procedure 2.50.17, "Emergency Notification," for telephone numbers): | |
| a. Fire | ____/____ |
| b. Medical | ____/____ |
| c. Law enforcement (in conjunction with the Shift Security Supervisor) | ____/____ |
| 8. Together with the Shift Engineer and the Emergency Coordinator, re-evaluate the emergency classification to determine if it is necessary to escalate or de-escalate the classification. | ____/____ |
| 9. If conditions warrant escalation to a Site Area Emergency or General Emergency, go to the Appendix A-1 of the appropriate Procedure 2.50.3 or 2.50.4. | ____/____ |

- | | <u>INITIAL/TIME</u> |
|--|---------------------|
| 10. If after discussion with the Shift Engineer, Technical Support Center Coordinator, the Emergency Coordinator, and Plant Management, the decision to de-escalate is made, assure the following takes place: | ____/____ |
| a) Notify plant personnel of de-escalation to Unusual Event or non-emergency status. | |
| b) Notify CMP Dispatcher of de-escalation. | ____/____ |
| c) Review Unusual Event Procedure 2.50.1 to see if all necessary functions are being maintained. | ____/____ |
| 11. If shift turnover is required, brief incoming Operations personnel on accident proceedings prior to relinquishing control. | ____/____ |
| 12. Summarize all actions and resultant conditions in the log when a shift has been completed or when the emergency has been terminated. | ____/____ |

APPENDIX A-1
PLANT SHIFT SUPERINTENDENT
ESCALATION TO ALERT FROM UNUSUAL EVENT

The plant has been in an Unusual Event condition for some period of time. The Unusual Event Notifications have been made. The Emergency Coordinator may be on standby at a phone or he may be on site.

REQUIRED ACTIONS:

INITIAL/TIME

1. Act as the Emergency Coordinator until relieved.
- R 2. Contact the Emergency Coordinator, inform him of current plant status, and request him to contact plant personnel using Procedure 2.50.17, "Emergency Notification." ____/____
3. Instruct Control Room personnel to sound a ten-second blast of the evacuation alarm and make the following announcements on the FEMCO System. ____/____
 - a) "Alert, Alert, Alert, we have escalated to an Alert Emergency.
 - b) (Describe condition and effected area)
 - c) Plant Staff with emergency duties report to your assigned emergency center and be accounted for by the center supervisor. All other plant staff and any visitors or contractors still on site assemble at the Staff Building and await further instructions."

Repeat the announcement. ____/____

INITIAL/TIME

4. Notify the Maine State Police within 15 minutes using the hot-line (White Phone) in the Plant Shift Superintendent's Office.

If contact cannot be made by this system, use an alternate method listed in Emergency Procedure 2.50.17, Appendix A.

Provide either Message A or B indicated below: _____/_____

Message A: Use if no off-site release is involved

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have escalated our emergency level to an Alert.
- No release of radioactivity is occurring.
- No protective actions are recommended.
- I expect a confirmation call."

Repeat the entire message.

OR

Message B: Use if an off-site release is in progress or projected

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have escalated our emergency level to an Alert.
- A minor release of radioactivity is in progress or expected.
- The wind is blowing from (provide current wind direction and speed).
- No protective actions are required.
- I expect a confirmation call."

Repeat the entire message.

NOTE: This action must be completed as soon as possible after the decision to escalate has been made.

INITIAL/TIME

5. Confirm the message for the State Police when they speak to the individual who made the call. _____/_____
- R 6. If the Emergency Coordinator is off site, have the shift Engineer make the notification in Steps 7a, 7b, 7c and 7d.
- R 7. If the Emergency Coordinator is on site, check with him to assure that the following notifications of the escalation have been made:
- a) NRC on the Emergency Notification System (Red Phone).
NOTE: Once the Emergency Coordinator has assumed responsibility for communication, you may leave the Red Phone off the hook if its ringing is distracting. _____/_____
- b) Maine Civil Emergency Preparedness (Black Hotline Phone). _____/_____
- c) Maine Yankee Nuclear Support Division. _____/_____
- d) Yankee Nuclear Support Division. _____/_____

NOTE: Steps 4 and 5 must be performed by the same person.

SUBSEQUENT ACTIONS:

NOTE: Assure that an accurate log, including time, of all events, actions, notifications and phone calls is being maintained.

1. Estimate the off-site dose using the radiation monitors and the computer or nomograms in the Control Room. Refer to Procedure 2.50.10, "Evaluation of Radiological Data."

NOTE: If EOF is staffed, this step can be omitted.

2. Be prepared to provide plant status information via the hotline to off-site authorities if requested.

NOTE: The Emergency Coordinator should handle these requests if he is on site.

3. Notify the CMP Dispatcher of the escalation to Alert. He will in turn notify Maine Yankee Corporate Management and the Public Affairs and Information Service. _____/_____

INITIAL/TIME

4. When the TSC has established contact with the Control Room request any required assistance. _____/_____
5. When the Operational Support Center has established contact with the Control Room request any required assistance (Operations personnel or Radiological Controls personnel). _____/_____
6. If the event produces abnormal in-plant radiological conditions, direct the shift Chemistry and Radiological Controls Technician to evaluate the condition and augment this capability with the manpower provided by the Operations Support Center or by the Emergency Coordinator. _____/_____
7. Account for all shift personnel. Give the names of personnel accounted for to the gatehouse. _____/_____
8. Require assistance of outside agencies (fire, law enforcement, or medical services) as needed to deal with the event (refer to Procedure 2.50.17, "Emergency Notification").
 - a. Fire _____/_____
 - b. Medical _____/_____
 - c. Law Enforcement (in conjunction with the Security Captain) _____/_____
9. Together with the Shift Engineer, the Technical Support Center Coordinator and the Emergency Coordinator, re-evaluate the emergency classification to determine if a change is necessary. _____/_____
10. If conditions warrant escalation to a higher classification, go to the appropriate Procedure (2.50.3, "Site Area," or 2.50.4, "General,") and follow the Appendix A-1. _____/_____
11. If after discussion with the Shift Engineer, and Technical Support Center Coordinator, the Emergency Coordinator, and Plant Management, the decision to de-escalate is made, assure the following takes place:
 - a) Notify plant personnel of de-escalation to Unusual Event or non-emergency status. _____/_____
 - b) Notify CMP Dispatcher of de-escalation. _____/_____
 - c) Review Unusual Event Procedure to see if all necessary functions are being maintained. _____/_____
12. Summarize all actions and resultant conditions in the Operations Log when the emergency has been terminated. _____/_____

APPENDIX A-2

PLANT SHIFT SUPERINTENDENT

DE-ESCALATION TO ALERT FROM A HIGHER CLASSIFICATION EMERGENCY

INITIAL CONDITIONS:

INITIAL/TIME

1. The plant has been in a Site Area or General Emergency condition.
2. All the required personnel and off-site agencies are on site or on the way.
3. The decision to de-escalate to Alert has been made after consultation with the Plant Manager, Emergency Coordinator, Shift Engineer, Technical Support Center, and other Technical Advisors.

REQUIRED ACTIONS:

1. Announce the de-escalation to Alert over the plant FEMCO System. _____/_____
2. Notify the State Police of the de-escalation. _____/_____
3. Check with the EOF to see if all notifications have been made. _____/_____
4. Account for any personnel that have been sent out in the plant to perform emergency actions. _____/_____
5. Have personnel check dosimeters. _____/_____
6. If contact is lost with any personnel sent out in the plant to perform emergency functions, report the name and possible location to the EOF. _____/_____
7. Report any off-scale or high range dosimeter reading over 500 mr to the EOF. _____/_____
8. Maintain communications with all emergency centers.
9. Maintain all necessary functions established during the Site Area or General Emergency condition.
10. If conditions should warrant re-escalation to a higher classification emergency, go to the appropriate Procedure (2.50.3, "Site Area," or 2.50.4, "General") and follow the Appendix A-1.

INITIAL/TIME

10. If after discussion with the Shift Engineer, the Technical Support Center Coordinator, the Emergency Coordinator and Plant Manager, the decision to de-escalate to an Unusual Event or non-emergency is made, assure the following steps take place:
- a) Notify plant personnel of de-escalation to Unusual Event or non-emergency status.
 - b) Notify CMP Dispatcher of de-escalation.
 - c) If the de-escalation is to Unusual Event, review the Unusual Event Procedure 2.50.1 to see if all necessary functions are being maintained.
11. Summarize all actions and resultant conditions in the Operations Log when the emergency has been terminated.

____/____

____/____

____/____

____/____

APPENDIX B
ALERT - PLANT MANAGER

This Appendix applies in all cases Initial Declaration, Escalation and De-escalation.

REQUIRED ACTIONS:

- R 1. Assess the situation based on information supplied by the Plant Shift Superintendent or the Emergency Coordinator.

NOTE: If conditions warrant such action, report to the plant.

NOTE: The Plant Manager is not assigned to any particular center as he is responsible for overall direction of emergency response.

NOTE: In the absence of the Plant Manager, the following individuals, in the order listed, are designated as his alternate.

Assistant Plant Manager (one of three Dept. Heads is permanently designated)

Operations Dept. Head

Technical Support Dept. Head

On Duty Plant Shift Superintendent

SUBSEQUENT ACTIONS:

1. Assure continuity of resources (technical, administrative, and material) on a 24-hour basis as required.
2. Act as liaison between plant and corporate headquarters for the generation of public information releases.
3. Notify corporate office when additional resources are required to augment plant resources.
4. Periodically review emergency classification with the Emergency Coordinator, Plant Shift Superintendent and the Shift Engineer.
5. Direct the emergency organization until such time that the emergency condition has been rectified.

NOTE: Notify plant staff, corporate office and other emergency resources if the emergency condition requires a transition to a recovery phase.

6. Direct plant action during the recovery phase, when applicable.
7. Close out the event by summarizing details and actions with appropriate off-site authorities.

- a. Nuclear Regulatory Commission
- b. Maine State Police
- c. Federal Emergency Management Agency

R

APPENDIX C

ALERT - EMERGENCY COORDINATOR

When the initial emergency declaration is an Alert.

REQUIRED ACTIONS:

INITIAL/TIME

1. After discussion of the plant conditions with the Plant Shift Superintendent and/or the Shift Technical Advisor, notify the Plant Manager.
2. Augment plant staff to the extent that the following functions will be implemented if conditions warrant.
 - a. Off-site monitoring
 - b. Emergency Communications
 - c. Radiological Exposure Control
 - d. Sample Analysis
 - e. Coordination with Off-site Authorities.

____/____

____/____

R NOTE: If the event occurs during the backshift or on a weekend, the Emergency Coordinator will initiate the contacting of sufficient staff to activate the EOF and TSC, Procedure 2.50.17, "Emergency Notification."

____/____

NOTE: When calling designated notification personnel, instruct them to give top priority to the notification of off-site monitoring team personnel.

- R
3. Report to the EOF (lower level of Staff Building), contact the Plant Shift Superintendent and obtain a plant status report and the current meteorological conditions.
 4. Determine the habitability of the Staff Building Emergency Centers in accordance with Appendix H.
 5. Check with the Control Room to assure that habitability has been established.
 6. Get updated conditions from the Plant Shift Superintendent and Shift Engineer and re-evaluate the emergency classification using Proc. 2.50.0, "Declaration and Categorization of Emergency Condition," criteria.

____/____

____/____

____/____

____/____

7. If after consultation with the Plant Shift Superintendent, the Shift Engineer, and the Technical Support Center Coordinator it is determined that conditions warrant escalation to a more severe classification, go to Appendix C-1 of Procedures 2.50.3, "Site Area Emergency," or 2.50.4, "General," whichever applies.

INITIAL/TIME

____/____

OR

If conditions warrant a de-escalation or termination, go to Step 29.

8. Brief incoming personnel as to current plant status and direct initial staffing of the TSC in accordance with Procedure 2.50.19.

____/____

9. Assign the following emergency duties to appropriate qualified emergency personnel as they arrive at the EOF.

____/____

Name of Individual

Coordinator's Assistant -
Communications Assistant -
Radiological Evaluation Assistant -
Manpower and Planning Assistant - (if required) *

NOTE: These personnel will report directly to the Emergency Coordinator.

10. Check with the Operational Support Center (OSC) to see if they are staffed and if they need any additional personnel.
11. Contact the gatehouse to see if any personnel are unaccounted for.
12. Check with the TSC and OSC to see if the missing person is in the Staff Building.
13. Check with the Control Room to see if they have any information on the missing person.
14. Initiate a search and rescue effort from the OSC if personnel cannot be located.

____/____

____/____

____/____

____/____

____/____

INITIAL/TIME

- R 15. Contact the Off-site Dosimetry Assistants and assign them to Local Emergency Operating Centers. Use Procedure 2.50.17, "Emergency Notification," for the names and phone numbers of qualified personnel.

____/____

16. If there are injured personnel, provide first aid treatment and prepare the patient(s) for transfer to the Bath Hospital by the local ambulance service, 882-7878 or, if unavailable, use the Company or private station wagon. (See Emergency Procedure 2.50.8.)

____/____

NOTE: Contact Dr. Keating or his alternate (443-4471).

NOTE: Provide the Bath Hospital (443-5524) with the following information before a patient arrives at the hospital.

1. Number of accident victims (and whether they are radioactively contaminated).
2. Nature of medical problem of each.
3. Magnitude of radiation aspect, if applicable.
4. Anticipated time of arrival at the hospital.
5. Who will accompany patients.

Transfer the patient(s) to the ambulance or station wagon. If the patient is contaminated, assign a Rad Controls representative to accompany them to the hospital to maintain radiological controls.

17. Coordinate site access and control measures with plant security, Procedure 2.50.9, "Security Force Radiation Emergency Plan."

____/____

18. Coordinate accident information with appropriate off-site authorities.

____/____

INITIALS/ TIME

19. Review the following forms for accuracy and completeness before approving them for transmission to the State EOC via the hotline:

- a. Form 1 Plant Status
- b. Form 2 Release Data
- c. Form 3 Meteorology
- d. Form 4 Projected Doses
- e. Form X "Off-site Survey Report"
- f. Form Y Primary Vent Stack Data
- g. Protective Action Procedure 2.50.16, Form 1

20. When contacted by Yankee Engineering Support Center Staff, provide a Plant Status Report and request any assistance.

____/____

21. Check with the Manpower and Planning Assistant for an evaluation of manpower requirements.

____/____

22. Periodically reassess the habitability of the Staff Building.

____/____

R 23. Notify American Nuclear Insurers (see Procedure 2.50.17).

____/____

24. Ensure that the EOF remains active and manned for the duration of the event.

____/____

25. Assure that the status board is being maintained.

____/____

26. Read the information on the status board aloud to the staff members in the EOF. This should be done at approximately one-hour intervals.

____/____

27. Notify the EOF staff, as soon as possible, of all emergency escalations, protective action recommendations and state protective measure decisions.

____/____

28. Periodically confer with the Plant Manager or his alternate, the Plant Shift Superintendent, the Shift Engineer and the Tech. Support Center Coordinator concerning the emergency classification.

____/____

INITIALS/ TIME

29. When the Alert Condition has been brought under control and plant conditions have stabilized to the satisfaction of those personnel stated in Step 28, then:

- a. Instruct the Plant Shift Superintendent to announce over the FEMCO system that the Alert has been de-escalated to Unusual Event, or the non-emergency status.
- b. Notify the Maine State Police over the hotline (White Phone).
- c. Notify the NRC via Red Phone of the de-escalation to Unusual Event or non-emergency status.
- d. Notify the State CEP via the hotline of the de-escalation to Unusual Event or non-emergency status.
- e. Notify Yankee Engineering Support Center of the de-escalation to Unusual Event or non-emergency status.
- f. Notify Maine Yankee Nuclear Service Division of the de-escalation to Unusual Event or non-emergency status.
- g. Notify American Nuclear Insurers of the de-escalation to Unusual Event or non-emergency status.
- h. If de-escalation is to Unusual Event, review Procedure 2.50.1 to see if all necessary functions are being maintained.
- i. Review the on-site personnel requirements with the Manpower Coordinator to assess who should remain on site and who can be relieved.
- j. Evaluate current exposure totals as an aid in determining personnel needing relief. Refer to Procedure 2.50.14, "Emergency Radiation Exposure Control," for guidance.
- k. Coordinate the restoration of emergency equipment to its original state.
- l. Coordinate the planning of recovery actions or post-accident meetings with Plant Management, Support Center Coordinators, and other personnel as required.

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

R

APPENDIX C-1

ALERT - EMERGENCY COORDINATOR

When escalating to an Alert from an Unusual Event.

The plant has been in an Unusual Event condition for some period of time. The Unusual Event Notifications have been made. The Emergency Coordinator may be on standby at a phone or he may be on site in his role of Emergency Coordinator.

REQUIRED ACTIONS:

INITIAL/TIME

If off site or on site:

1. After discussion of the plant conditions with the Plant Shift Superintendent and/or the Shift Engineer, notify the Plant Manager. _____/_____
2. Augment plant staff to the extent that the following functions will be implemented if conditions warrant. _____/_____
 - a. Off-site monitoring
 - b. Emergency Communications
 - c. Radiological Exposure Control
 - d. Sample Analysis
 - e. Coordination with Off-site Authorities.

NOTE: If the event occurs during the backshift or on a weekend, the Duty Call Officer/Emergency Coordinator, (if he is on site or off site) will initiate the contacting of sufficient staff to activate the EOF, OSC and TSC, Procedure 2.50.17, "Emergency Notification." _____/_____

- R 3. If not already on site, report to the EOF, contact the Plant Shift Superintendent and obtain a plant status report on the current meteorological conditions. _____/_____
4. Get updated conditions from the Plant Shift Superintendent and Shift Technical Advisor and re-evaluate the emergency classification using Proc. 2.50.0, "Declaration and Categorization of Emergency Condition," criteria. _____/_____
5. If on site, make sure of the following notifications:
 - a. Check with the Control Room if you have not heard the escalation announcement over the FEMCO. _____/_____

- b. Notify the NRC of the escalation to Alert using the Emergency Notification System (Red Phone). Maintain an open communication channel on this line. This channel will be closed only when allowed to do so by the NRC. _____/_____
INITIALS/TIME
- c. Instruct the PSS to notify the Maine State Police by using the hotline. _____/_____
6. If on site, notify Maine Yankee Nuclear Service Division. _____/_____
7. If on site, notify Yankee Nuclear Service Division. _____/_____
8. Notify CEP of the escalation using the CEP hotline in the EOF. _____/_____
9. If after consultation with the Plant Shift Superintendent, the Shift Engineer, and the Technical Support Center Coordinator, it is decided that conditions warrant escalation to a more severe classification, go to Appendix C-1 of Procedure 2.50.3, "Site Area Emergency," or 2.50.4, "General Emergency," whichever applies. _____/_____

OR

If conditions warrant a de-escalation or termination, go to Step 26.

10. Brief incoming personnel as to current plant status and direct initial staffing of the TSC in accordance with Procedure 2.50.19. _____/_____
11. Check with the Operational Support Center (OSC) to see if they are staffed and if they need any additional personnel. _____/_____
12. Assign the following emergency duties to appropriate qualified emergency personnel as they arrive at the EOF. _____/_____

Name of Individual

Coordinator's Assistant - _____
Communications Assistant - _____
Radiological Evaluation Assistant - _____
Manpower and Planning Assistant - (if required) _____

NOTE: These personnel will report directly to the Emergency Coordinator.

INITIAL/TIME

13. Coordinate personnel accountability with plant security. If missing personnel are identified, dispatch rescue personnel. _____/_____
- R 14. Contact the Off-site Dosimetry Assistants and assign them to Local Emergency Operating Centers. Use Procedure 2.50.17, "Emergency Notification," for the names and phone numbers of qualified personnel. _____/_____
15. If there are injured personnel, provide first aid treatment and prepare the patient(s) for transfer to the Bath Hospital by the local ambulance service, 882-7878 or, if unavailable, use the Company or private station wagon. (See Emergency Procedure 2.50.8.) _____/_____

NOTE: Contact Dr. Keating or his alternate (443-4471).

NOTE: Provide the Bath Hospital (443-5524) with the following information before a patient arrives at the hospital.

1. Number of accident victims (and whether they are radioactively contaminated).
2. Nature of medical problem of each.
3. Magnitude of radiation aspect, if applicable.
4. Anticipated time of arrival at the hospital.
5. Who will accompany patients.

Transfer the patient(s) to the ambulance or station wagon. If the patient is contaminated, assign a Radiological Controls representative to accompany them to the hospital to maintain radiological controls.

16. If requested, dispatch qualified emergency personnel to emergency centers to verify center habitability in accordance with Appendix H. _____/_____
17. Coordinate site access and control measures with plant security, Procedure 2.50.9, "Security Force Radiation Emergency Plan." _____/_____
18. Coordinate accident information with appropriate off-site authorities. _____/_____

INITIAL/TIME

19. Review the following forms for accuracy and completeness before approving them for transmission to the State EOC via the hotline: _____/_____
a. Form 1 Plant Status
b. Form 2 Release Data
c. Form 3 Meteorology
d. Form 4 Projected Doses
e. Form X "Off-site Survey Report"
f. Form Y Primary Vent Stack Data
g. Protective Action Procedure 2.50.16, Form 1
20. When contacted by Yankee Engineering Support Center Staff, provide a Plant Status Report and request any assistance. _____/_____
21. Check with the Manpower and Planning Assistant for an evaluation of manpower requirements. _____/_____
22. Periodically reassess the habitability of the Staff Building. _____/_____
R 23. Notify American Nuclear Insurers (see Procedure 2.50.17). _____/_____
24. Ensure that the EOC remains active and manned for the duration of the event. _____/_____
25. Assure that the status board is being maintained. _____/_____
26. Read the information on the status board aloud to the staff members in the EOC. This should be done at approximately one-hour intervals. _____/_____
27. Notify the EOC staff as soon as possible of all emergency escalations, protective action recommendations and state protective measure decisions. _____/_____
28. Periodically confer with the Plant Manager or his alternate, the Plant Shift Superintendent, the Shift Technical Advisor and the Tech. Support Center Coordinator concerning the emergency classification. _____/_____
29. When the Alert Condition has been brought under control and plant conditions have stabilized to the satisfaction of those personnel stated in Step 25, then:
a. Instruct the Plant Shift Superintendent to announce over the FEMCO system Unusual Event or a non-emergency status. _____/_____

INITIAL/TIME

- b. Instruct the PSS to contact the State Police over the hotline (White Phone) and announce the de-escalation. _____/_____
- c. Notify the NRC via the Red Phone of the de-escalation to Unusual Event or non-emergency status. _____/_____
- d. Notify the State CEP via the hot line of the de-escalation to Unusual Event or non-emergency status. _____/_____
- e. Notify Yankee Emergency Support Center of the de-escalation to Unusual Event or non-emergency status. _____/_____
- f. Notify the American Nuclear Insurers of the de-escalation to Unusual Event or non-emergency. _____/_____
- g. If the de-escalation is to an Unusual Event, review Procedure 2.50.1 to see if all necessary functions are being maintained. _____/_____
- h. Review the on-site personnel requirements with the Manpower Coordinator to assess who should remain on site and who can be released. _____/_____
- i. Evaluate the current exposure totals as an aide in determining personnel needing relief. Refer to Procedure 2.50.14 "Emergency Radiation Exposure Control" for guidance. _____/_____
- j. Coordinate the restoration of emergency equipment to its original state. _____/_____
- k. Coordinate the planning of recovery actions or post-accident meetings with Plant Manager, Support Center Coordinators, and other personnel as required. _____/_____

R

APPENDIX C-2

EMERGENCY COORDINATOR

De-escalation to Alert from a higher classification emergency.

PRE CONDITIONS:

1. The plant has been in a Site Area or General Emergency condition.
2. All the required plant personnel and off-site agency personnel are on site or on the way.
3. The decision to de-escalate to Alert has been made after consultation with Plant Management, the Shift Engineer, the Technical Support Center Coordinator, and other Technical Advisors.

REQUIRED ACTIONS:

INITIAL/TIME

- | | |
|---|-----------|
| 1. Notify the NRC, on site and over the Red Phone, of the de-escalation to Alert. | ____/____ |
| 2. Notify the State authorities, on site and over the hotline in the EOF, of the de-escalation to Alert. | ____/____ |
| 3. Instruct the PSS to notify the Maine State Police via the hotline (White Phone) of the de-escalation to Alert. | ____/____ |
| 4. Notify the Yankee Nuclear Services Division of the de-escalation to Alert. | ____/____ |
| 5. Notify the Maine Yankee Nuclear Service Division of the de-escalation to Alert. | ____/____ |
| R 6. Notify the American Nuclear Insurers (see Procedure 2.50.17). | ____/____ |
| 7. Notify off-site monitoring teams of the de-escalation. | ____/____ |
| 8. Review Appendix C-1 of this procedure to assure that all necessary functions are being maintained. | ____/____ |
| 9. Determine if the Recovery Manager has been appointed and if he is on site. | ____/____ |

10. Consult with the Recovery Manager, if he is on site, on the necessary recovery actions. _____/_____
11. If further de-escalation is warranted, refer to Steps 25 and 26, Appendix C-1. _____/_____
12. If after consultation with the Plant Shift Superintendent the Shift Engineer, and the Technical Support Center Coordinator it is declared that conditions warrant re-escalation to a more severe classification, go to Appendix C-1 of Procedure 2.50.3, "Site Area Emergency," or 2.50.4, "General Emergency," whichever applies. _____/_____

APPENDIX D

ALERT - RADIOLOGICAL EVALUATION ASSISTANT

This Appendix applies when the initial classification is an Alert and when we are escalating to an Alert from an Unusual Event.

When we are de-escalating to an Alert from a higher level emergency, the following actions will have been initiated. Review them to assure that all necessary functions are being maintained.

REQUIRED ACTIONS:

INITIAL/TIME

NOTE: Assure that the Staff Building habitability assessment is being performed. (See Steps 4a, b and c.)

1. Assign a Radiological Controls Supervisor to direct the Radiological Protection (RP) activities being run from the Operations Support Center. _____/____
2. Assign a Radiological Controls Specialist or other qualified person to direct the implementation of Procedure 2.50.10, "Evaluation of Radiological Data." His functions are outlined in Step 17. _____/____

name

3. Assign a Radiological Controls Specialist or other qualified person to direct off-site sample collections. His functions are outlined in Step 18. _____/____

name

4. Assign a Radiological Controls Specialist or other qualified person to direct the on-site radiological monitoring. His functions are outlined in Step 19. _____/____

name

5. If conditions warrant such action, determine the effected area downwind, and confer with the Emergency Coordinator as to which sample locations the off-site monitoring teams should be dispatched. _____/____

- | | <u>INITIAL/TIME</u> |
|--|---------------------|
| 6. Direct the Sample Coordinator to dispatch his teams to the appropriate sample locations. | ____/____ |
| 7. Obtain the latest weather forecast to prepare for any predicted changes in meteorological information. Use the weather alert radio or contact the State for the latest forecast. | ____/____ |
| 8. When a Form 1, "Plant Status," is received, complete Part II and have copies distributed and the original forwarded to the Emergency Coordinator. | ____/____ |
| 9. Review Form 2, "Release Data," when received. | ____/____ |
| 10. Review Form 3, "Meteorology," when received. | ____/____ |
| 11. Review and approve Form 4, "Projected Doses." Have copies distributed and the original forwarded to the Emergency Coordinator. | ____/____ |
| 12. Utilizing the information provided by the Radiological Data Evaluator, the information on the projected length of time of the releases, the meteorological information, and the information coming in from off site, evaluate the projected dose commitment to the effected areas. | ____/____ |
| 13. Use Procedure 2.50.16, "Protective Action Recommendation," to determine the protective actions to be recommended to the State. | ____/____ |
| 14. Fill out Form 1 in Procedure 2.50.16 and forward to the Emergency Coordinator. | ____/____ |
| 15. Discuss all dose projections, and advise the Emergency Coordinator of any required protective actions. | ____/____ |
| 16. When de-escalating from an Alert to an unusual event: | |
| a) Review off-site monitoring team locations. Consider the downward location of the plume after the release has stopped. | ____/____ |
| b) Review the necessity of continuing all functions. | ____/____ |
| c) Review personnel requirements. | ____/____ |
| d) Review personnel dose accumulation. | ____/____ |

INITIAL/TIME

- e) Review environmental data and consider necessity for additional sample collection.
- f) Review radiological status of all centers.
- g) Review on-site radiological data with employees on recovery actions.
- h) Assure that any equipment, records, or logs that are returned to the EOF are being properly accounted for and stored.

____/____

____/____

____/____

____/____

17. Radiological Data Evaluator

name

____/____

- a) Set up designated area of the EOF Command Room.
- b) Set up the computer.
- c) Remove the maps and nomograms from the storage and place in their designated locations in the Command Room.
- d) Check out the operability of the computer terminal.
- e) Check out the operability of the meteorological data CRT.
- f) Request help from the Computer Section if systems are not working.
- g) Request that the Primary Vent Stack samples (charcoal and particulate filters) be removed for evaluation. Make sure that the new filters are placed on line.
- h) Assign additional qualified help to aid in the checking of results and the relogging of information.
- i) Perform dose calculations using the computer and nomograms (Procedure 2.50.10).
- j) Complete Form 4, "Projected Doses," and forward to the Radiological Evaluation Assistant. (A computer printout may be attached to the form.)
- k) Calculate PVS releases (based on chemistry analysis) and project whole body and thyroid dose rates downwind. Transmit this information to the Radiological Evaluation Assistant using Form Y.

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

INITIAL/TIME

18. Radiological Sample Coordinator

name

- a) Select qualified personnel for off-site monitoring teams.
- b) Form three two-man off-site monitoring teams.

Red Team

name

Blue Team

name

Green Team

name

NOTE: Assure that each team knows its team color.

- c) Provide assistance for teams when they check out their equipment.
- d) Dispatch off-site monitoring teams rapidly as possible to survey locations as directed by the Radiological Evaluation Assistant.

NOTE: One team should be immediately dispatched to the nearest point in the downwind direction to confirm off-site dose projections.

- e) Review and evaluate the incoming reports from the off-site monitoring teams. Calculate the offsite dose rates based on field measurements, complete Form X and transmit these data to the Radiological Evaluation Assistant.
- f) Evaluate the exposure being accumulated by the members of the off-site teams and advise them of proper protective measures to reduce exposure and personal or equipment contamination.
- g) Keep off-site teams aware of plant conditions, plume location and exposure considerations.
- h) Assign priorities for analysis of incoming samples (see Procedure 2.50.10, "Evaluation of Radiological Data").
- i) Assure that all analytical results are given to the Radiological Evaluation Assistant.

INITIAL/TIME

- j) Coordinate the set up and operation of the YNSD Environmental Lab. Inform the Radiological Evaluation Assistant if the radiation levels are too high for operation at the EOF.

____/____

19. On-site Data Evaluator

name

____/____

- a) Assure that plant and Staff Building habitability assessments are being made and evaluated.
- b) Direct the set-up and functioning of the radiological access and control measures at the Staff Building Emergency Centers.
- c) Evaluate personnel contamination problems.
- d) Coordinate the set-up and operation of the Yankee Nuclear Service Division TLD Lab. Inform the Radiological Evaluation Assistant if the radiation levels are too high for operation at the EOF.
- e) Direct personnel and equipment decontamination efforts of the EOF.
- f) Assure that personnel exposure records are being updated at the EOF and the information is being transferred to the Radiological Controls Supervisor at the OSC.
- R g) Gather, record, and report on-site dose measurements to the Radiological Evaluation Assistant. Assure that pertinent information is added to the EOF Status Board.
- h) Review and evaluate in-plant personnel exposures with the Radiological Evaluation Assistant. Assure that exposure records are being updated.
- i) Assist the Radiological Evaluation Assistant to:
- Review personnel needs with the Manpower and Planning Assistant.
 - Assure that the YNSD Environmental and TLD Lab functions are being properly coordinated and utilized.

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

INITIAL/TIME

- R • If it is reported that radiation levels are too high for operation of one or both of the mobile labs, notify the CMP Newcastle District Office that the labs will be going there. See Procedure 2.50.17, "Emergency Notification," for the phone number and notification details.

____/____

- R • Arrange for the collection of the off-site air samples and TLDs by the Environmental Personnel at the Bailey House. Refer to Procedure 2.50.17, "Emergency of Notification," for phone numbers of personnel for weekend and backshift notification.

____/____

- Provide constant updates of all radiological conditions to the Emergency Coordinator.

____/____

- Assure that all samples are being prioritized for analysis and evaluation.

____/____

- Assure that all sample results are being properly recorded and that completed samples are being properly stored.

____/____

- Assure that all rad waste is being properly stored.

____/____

APPENDIX E

ALERT - COMMUNICATIONS ASSISTANT

This Appendix applies when the initial emergency classification is an Alert and when we are escalating to an Alert from an Unusual Event.

When de-escalating to Alert from a higher level emergency the following actions will have been initiated. Review them to assure that all necessary functions are being maintained.

The Communications Assistant's function is to assure that all the equipment and personnel necessary to carry out the required communication functions are in place and that all transfer of information and status board data are being maintained in a timely manner.

- 1.0 When the TSC, EOF and OSC are being activated assure the following actions are completed.

NOTE: All equipment and materials are located in the Emergency Plan Cabinet in the EOF. Extension phones and wall jacks are numbered. Make sure the phone and jack extension numbers are the same.

INITIAL/ TIME

- 1.1 Set up EOF extension phones.

Emergency Coordinator	Ext.	_____
Asst. Emergency Coordinator	Ext.	_____
Radiological Evaluation Asst.	Ext.	_____
Radiological Evaluation Center	Ext.	_____

_____	/	_____
_____	/	_____
_____	/	_____
_____	/	_____

- 1.2 Assure that the installed phones are in place and working.

Central Office Line (outside line) Emerg. Coord.
 Central Office Line (outside line) Rad Eval Cent
 State CEP Hotline
 NRC Red Phone

- 1.3 Set up TSC extension phones.

TSC Coordinator	Ext.	_____
Spare	Ext.	_____
Spare	Ext.	_____

_____	/	_____
_____	/	_____
_____	/	_____

- 1.4 Assure that the installed phones are in place and working.

Central Office Line (outside phone)	882-7628
-------------------------------------	----------

1.5 Set up the OSC extension phones.

INITIAL/ TIME

OSC Coordinator
OSC Rad Controls

Ext.
Ext.

____/____
____/____

1.6 Assure that the Recovery Manager's phones are in place.

Recovery Manager
Central Office Line (outside line)
State Governors Hotline (Yellow Phone)

Ext.

____/____
____/____
____/____

2.0 Assure that a radio operator is assigned to the E-plan radio.

____/____

2.1 The radio operator's duties are:

- a. Maintain radio contact with off-site teams.
- b. Maintain radio log.

3.0 Assure that a Recovery Manager's Information Assistant has been assigned.

____/____

3.1 The Recovery Manager's Information Assistant's duties are:

- a. Obtain information requested by Recovery Manager.
- b. Transmit information as directed by Recovery Manager.
- c. Take and record phone messages for Recovery Manager.
- d. Assist Recovery Manager as directed.

4.0 Assure that a Communications Aide is assigned to:

1. The EOF
2. The TSC

____/____
____/____

4.1 The Communications Aide's duties are:

- a. Handle all incoming and outgoing communications.
- b. Log all messages and actions.

5.0 Assure that a Communications Aide for the State CEP hotline is assigned.

____/____

5.1 The Hotline Communications Aide's duties are:

- a. Transmit all approved communications to the State CEP.
- b. Receive and pass on all requests from the State CEP.
- c. Maintain all information Forms used to pass on information to State CEP.
- d. Log all requests for information received from the State CEP.

- | | <u>INITIAL/ TIME</u> |
|---|----------------------|
| 6.0 Assure that log books, forms, pad, pencils, etc. are available at each Center. | ____/____ |
| 7.0 Assure that status boards are being updated in a timely manner. | ____/____ |
| 8.0 Assign any available unassigned personnel to assist in copying and distributing message and data forms. | ____/____ |
| 9.0 Assure that message forms for the transmission of information to the State CEP are available at the locations listed below and periodically verify they are properly filled out, including date and time: | |
| 9.1 Form 1, "Plant Status," located at TSC Table. | |
| 9.2 Form 2, "Release Data," located at TSC Table. | |
| 9.3 Form 3, "Meteorology," located at the Rad. Data Evalautor Table. | |
| 9.4 Form 4, "Projected Doses," located at the Rad. Data Evaluator Table. | |
| 9.5 Form X, "Off-site Survey Report," located at the Radio Operator's Station. | |
| 9.6 Form Y, "Primary Vent Stack Iodine Analysis," located at the Rad. Data Evaluator Table. | |
| 9.7 Route as indicated on each form. | |
| 10.0 Check the alternate switchboard station (located at secretary's station in TSC) to see if it will be available if needed. | ____/____ |
| 11.0 If plant communication systems are inadequate to handle the flow of incoming and outgoing calls, notify the Emergency Coordinator and recommend alternate measures. | |
| 12.0 When de-escalating from a Site Area Emergency to an Alert, maintain all communication functions. | |
| 13.0 When de-escalating from a Site Area Emergency to an Unusual Event or non-emergency status, maintain radio communication until the Emergency Coordinator orders termination of radio contacts. | |

FINAL CONDITIONS

Collect all message forms, arrange them in sequential order and provide this documentation to the Emergency Coordinator.

APPENDIX FALERT - MANPOWER AND PLANNING ASSISTANT

This Appendix applies when the initial emergency classification is an Alert and when we are escalating to an Alert from an Unusual Event.

When we de-escalating to an Alert from a site area or General Emergency, the following actions will have been initiated. Review the actions to assure that all necessary functions are being maintained.

- | | <u>INITIAL/ TIME</u> |
|---|----------------------|
| 1. Set up the Manpower Station at the Plant Engineering Secretary's Station. | ____/____ |
| 2. Pick up the following material from the Emergency Plan Cabinet in the EOF: | ____/____ |
| a. Assignment tags | |
| b. Emergency Plan Rosters | |
| c. Emergency Organization Chart | |
| d. Labeled bumper hats | |
| 3. If possible, check in personnel and distribute name tag and hats as personnel arrive at the EOF. | ____/____ |
| 4. If personnel are already in the centers, assign a manpower assistant to go to the centers and check off personnel present and distribute tags and hats. | ____/____ |
| 5. Remind personnel to pick up their dosimetry. | ____/____ |
| 6. Check with each center to see if they need any personnel. | ____/____ |
| 7. Call in any personnel requested. | ____/____ |
| 8. Maintain the Emergency Organization Chart in an up-to-date manner. | ____/____ |
| 9. Review manpower requests and establish shift relief schedules after reviewing the Emergency Assignment Roster with the Emergency Coordinator or his assistant. | ____/____ |

R

APPENDIX G

ALERT - COORDINATOR'S ASSISTANT

This Appendix applies when the initial emergency classification is an Alert and when we are escalating to an Alert from an Unusual Event.

When de-escalating to Alert from a higher level emergency the following will have been initiated. Review them to assure that all necessary functions are being maintained.

- | | <u>INITIAL/TIME</u> |
|--|---------------------|
| 1. Function as an aide to the Emergency Coordinator. | ____/____ |
| 2. Assist the Emergency Coordinator in directing the activities of the incoming support personnel. | ____/____ |
| 3. Provide periodic briefings to emergency personnel at the EOF. | ____/____ |
| 4. Direct personnel accountability at the EOF. | ____/____ |
| 5. Document recommendations made to off-site authorities. | ____/____ |

APPENDIX H
RADIOLOGICAL HABITABILITY ASSESSMENT

This Appendix applies when the initial emergency classification is an Alert and when we are escalating to an Alert from an Unusual Event.

When de-escalating to Alert from a higher level emergency radiological habitability checks will have been completed. Additionally habitability checks should be made at the request of the Emergency Coordinator, the Radiological Evaluation Assistant, or the Center Coordinators.

- | | <u>INITIAL/TIME</u>
____/____ |
|---|----------------------------------|
| 1. Obtain a copy of Proc. 2.50.14, "Emergency Radiation Exposure Control." | ____/____ |
| 2. Obtain a RM-14, a survey meter, and a low-volume charcoal air sampler. Perform the necessary functional checks on the instrumentation. | ____/____ |
| 3. Monitor conditions in the area(s) assigned:

Technical Support Center
Operational Support Center
Emergency Operations Facility
Tunnel Access
Other areas as requested by the Plant Shift Superintendent or the Radiological Control Supervisor or his alternate. | ____/____ |
|
<u>NOTE:</u> Check pocket dosimeter readings of personnel in each center periodically. | |
| 4. Place a high-range pocket dosimeter in a representative location or locations at each center along with the next page of this appendix. | ____/____ |
| 5. Using Table II in Procedure 2.50.14, assess personnel actions with respect to radiological conditions encountered. | ____/____ |
| 6. Report findings and recommendations on area habitability form and submit to the appropriate center coordinator. | ____/____ |

NOTE: Additional information, such as area surveys, should be recorded on the reverse side of the habitability survey form MY-HP-119-81.

NOTE: Set up air samples in areas where they will not interfere with the conversations or movements of emergency personnel working in the centers. Since the TSC, OSC and EOF share the same filtered ventilation system, a single air sampler set up as close as possible to the ventilation discharge should suffice unless high airborne activity is detected.

EMERGENCY CONDITIONS RADIOLOGICAL ASSESSMENT FORM

Date _____

Location of Sampling _____

DATA

Time

Maximum Dose Rate (W.B.)

Air Sample Results: Part.

(1): Char.

Max. Contamination

Technician

- (1) From Appendix, C Procedure 2.50.10, "Evaluation of Radiological Data," to evaluate thyroid dose rate. If iodine is present in the air sample, confer with the Radiological Evaluation Assistant to determine the need for KI.

Recommended Action: (From sampling information and specifications in Table 1, Proc. 2.50.14, "Emergency Radiation Exposure Control")

1. Continued center occupation until next survey.

2. Plan and prepare for center evacuation

Comments: _____

NOTE: Additional information, such as area surveys, should be recorded on the back of this form.

Dept. Head ETB
PORC P.L. Newcomb
MOO N/A

Proc. No. 2.50.3
Class. A
Rev. No. 9
Issue Date 4-25-85
Review Date 4/87

2.50.3 SITE AREA EMERGENCY

1.0 DISCUSSION

A Site Area Emergency is defined as an event which involves likely or actual major failures of critical plant safety functions needed for the protection of the public. The events included in the Site Area Emergency Category represent a potential for off-site releases which could impact to the extent that off-site protective actions may be necessary. Assessment of radiological parameters will determine the type of protective measures necessary.

Plant resources are anticipated to be sufficient to cope with a Site Area Emergency. Outside resources, however, are mobilized; and selected members are dispatched to the site. All emergency centers are activated following the declaration of a Site Area Emergency. All personnel without emergency assignments are evacuated from the plant.

The decision to make an immediate initial declaration rests with the Emergency Coordinator. Prompt notification is made to the off-site authorities and follow-up information is made available to keep these authorities cognizant of plant conditions. Public information concerning the event will be provided via appropriate mechanisms. The public will be alerted by the Public Emergency Alert System under this emergency. Activation of the Public Emergency Alert System will be a state decision.

The following appendices are attached and are to be used as check-off sheets by individuals responsible for implementation of this procedure at the various identified center locations:

Appendix A	Plant Shift Superintendent (Initial declaration)	Pg. 6
Appendix A-1	Plant Shift Supt. (Escalation to Site Area)	Pg. 11
Appendix A-2	Plant Shift Supt. (De-escalation to Site Area)	Pg. 16
Appendix B	Plant Management	Pg. 18
Appendix C	Emergency Coordinator (Initial declaration)	Pg. 20
Appendix C-1	Emergency Coordinator (Escalation to Site Area)	Pg. 27
Appendix C-2	Emergency Coordinator (De-escalation to Site Area)	Pg. 33
Appendix D	Radiological Evaluation Assistant	Pg. 34
Appendix E	Communications Assistant	Pg. 40
Appendix F	Manpower and Planning Assistant	Pg. 44
Appendix G	Coordinator's Assistant	Pg. 45
Appendix H	Radiological Habitability Assessment	Pg. 46

2.0 OBJECTIVE

To outline the actions required of plant personnel, visitors, contractors other effected personnel in the event of a Site Area Emergency.

3.0 PREREQUISITE(S)

A Site Area Emergency has been declared per procedure 2.50.0, "Declaration Categorization of Emergency Condition."

NOTE: We may get to a Site Area Emergency in three ways:

1. Our initial declaration may be a Site Area Emergency.
2. We may escalate to a Site Area from a lower category emergency.
3. We may de-escalate to a Site Area from a General Emergency.

The above appendices will address each of these cases.

4.0 PROCEDURE

1. Personnel evacuating the plant will report to the Staff Building Emergency Centers as indicated on page 4.
2. Having recognized the emergency condition and its classification as a Site Area Emergency according to Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," Plant Shift Superintendent will follow the actions specified in Appendix A, A-1, or A-2.
3. After being notified of the Site Area Emergency, the Plant Manager or his designated alternate will carry out the actions specified in Appendix B.
4. The Technical Support Center Coordinator will respond and perform those actions specified in Procedure 2.50.19.
5. The Operations Support Center Coordinator will respond and perform those actions specified in Procedure 2.50.18.
6. The Emergency Coordinator will respond and perform those actions specified in Appendix C, C-1, or C-2.
7. The Emergency Operations Facility (EOF) will be activated, and those personnel with EOF duties will respond and perform those actions specified in Appendices D, E, F and G.

R

FINAL CONDITIONS

1. When the Site Area Emergency condition has been brought under control and plant conditions have stabilized to the satisfaction of the Plant Manager, the Plant Shift Superintendent and the Emergency Coordinator, and such stabilization does not require de-escalation to a lower emergency classification, then the Emergency Coordinator may, in accordance with Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," declare the emergency condition terminated.
2. Under the conditions stated in step 1, the Emergency Coordinator will instruct the Plant Shift Superintendent to announce on the FEMCO system that the Site Area Emergency is ended.
3. The Emergency Coordinator will close out the event by issuing verbal summaries to off-site authorities and agencies.

OR

It may be necessary to escalate or de-escalate the emergency classification as deemed necessary by the Emergency Coordinator.

NOTE: The Emergency Coordinator should ensure that the NRC, MBCEP, CMP, and YAEC have been notified in step 3 above.

4. Public information statements will be prepared and released by Maine Yankee corporate office personnel at Central Maine Power Company, Augusta or, if conditions warrant, at an appropriate center location.
5. If conditions warrant termination of the emergency, the plant staff will be notified that a recovery phase is in effect under the direction of a Recovery Manager.

SUMMARY OF PERSONNEL REPORTING AREAS AND ASSIGNMENTS

a) Weekends or backshifts during operations:

1. On-site Operations personnel report to the Control Room or as directed by the Plant Shift Superintendent. All other personnel on site report as for normal working hours or as directed by the Plant Shift Superintendent.
2. Personnel reporting to the site will check in at the Emergency Operations Facility.

b) Normal working hours:

<u>Operations</u>	<u>Initially Report To</u>	<u>Assignments</u>
Dept. Head	Cont. Room	T.S.C.
Asst. Dept. Head	T.S.C.	
Shift P.S.S.	Cont. Room	
Shift Operators	Cont. Room	
Spare P.S.S.	O.S.C.	
Spare Operators	O.S.C.	
<u>Maintenance</u>		
Dept. Head	T.S.C.	
Section Head	O.S.C.	E.O.F. as needed
All Others	O.S.C.	O.S.C. as needed
<u>Radiological Controls</u>		
Section Head	E.O.F.	
Rad. Control Supv.	E.O.F.	
Foreman	O.S.C.	
Specialists	E.O.F.	T.S.C. & O.S.C. as needed
Technicians	O.S.C.	E.O.F. as needed
Testers, Trainees	O.S.C.	E.O.F. as needed
Aides	E.O.F.	Dosimetry & Records
<u>Chemistry</u>		
Section Head	T.S.C.	
Supervisors	O.S.C.	E.O.F. as needed
Technicians	O.S.C.	E.O.F. as needed
<u>I & C</u>		
Section Head	T.S.C.	
Foreman	O.S.C.	O.S.C. as needed
Technicians & Testers	O.S.C.	O.S.C. as needed

<u>Plant Eng.</u>	<u>Initially Report To</u>	<u>Assignments</u>
Lead Eng. Eng. and Aides	T.S.C. E.O.F.	T.S.C. as needed
<u>QA</u>		
All Personnel	E.O.F.	T.S.C. as needed
<u>Nuclear Safety</u>		
All Personnel	T.S.C.	E.O.F. as needed
<u>Reactor Eng.</u>		
Section Head Engs.	T.S.C. E.O.F.	T.S.C. as needed
<u>Computer Group</u>		
Section Head Sr. Analyst Analysts	T.S.C. Room Comp. Room E.O.F.	Comp. Room as needed T.S.C. as needed
<u>Training</u>		
All Personnel	E.O.F.	
<u>Plant Services</u>		
All Personnel	O.S.C.	
<u>Stores</u>		
All Personnel	O.S.C.	
<u>Administrative</u>		
All Personnel	E.O.F.	

APPENDIX ASITE AREA EMERGENCY - PLANT SHIFT SUPERINTENDENT

When the initial emergency declaration is a Site Area Emergency

REQUIRED ACTIONS:INITIAL/ TIME

NOTE: Procedure 2.50.17, "Emergency Notification" contains all the phone numbers and pager numbers required in this procedure.

1. Act as the Emergency Coordinator until relieved. _____/_____
2. Instruct control room personnel to sound a ten-second blast of the evacuation alarm and make the following announcement on the FEMCO system:
 - a. "Site Area Emergency, Site Area Emergency, Site Area Emergency"
 - b. "(Describe condition and affected area)"
 - c. "Plant staff with emergency duties report to your assigned emergency center and be accounted for by the center supervisor. All other plant staff, visitors and contractors assemble at the Staff Building and await further instruction." _____/_____Repeat the announcement. _____/_____
3. Use Procedure 2.50.16, "Protective Action Recommendations," to determine which message, A or B (in step 4), to use for notifying the State Police.

NOTE: Steps 4 and 5 must be performed by the same person.

Appendix A

- R 4. Notify the Maine State Police within 15 minutes of the declaration using the White Phone in the Plant Shift Superintendent's Office.

INITIAL/ TIME

If contact cannot be made by this system, use an alternate method listed in Emergency Procedure 2.50.17, Appendix A.

Provide either Message A or B indicated below: _____/_____

Message A: Use if no off-site release is involved or off-site dose less than 100mr expected

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have a Site Area Emergency.
- No releases of radioactivity are involved.
- As a precautionary measure we recommend that the general public tune in to their local emergency radio station for further instructions.
- I expect a confirmation call."

Repeat the Entire Message.

OR

Message B: Use if an off-site release expected to result in off-site doses greater than 100mr is in progress or projected

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have a Site Area Emergency.
- A release is in progress or is expected.
- The wind is blowing from (provide current wind speed and direction).
- As a precautionary action we recommend that the general public seek shelter and tune in their local emergency radio station for further instruction.
- I expect a confirmation call."

Repeat the entire message.

NOTE: This action must be completed within 15 minutes of the declaration of the emergency.

Appendix A

INITIAL / TIME

5. Confirm the message for the State Police, when they call back. They will ask to speak to the individual who made the notification. /
6. The Maine State Police (MSP) will call to coordinate the siren actuator. With both parties maintaining communication, the MSP will actuate the fixed siren and will indicate when activation is complete. Wait 30 seconds and reactivate the fixed siren system by inserting the key (on the PSS's key ring) in the PEAS encoder located in CAS (make sure encoder is plugged in), turn the key to ON and push the ACTIVATE button. If you do not hear a set of tones after pushing the ACTIVATE button, repeat the above steps for activation. Contact the gatehouse to have someone verify siren activation. If not verified, repeat siren activation. /
7. Request the Shift Engineer to report to the Control Room and instruct him to:
 - a. Notify the NRC, within one hour after declaring the emergency, on the Emergency Notification Sytem (Red Phone). Maintain an open communications channel on this line. This channel will be closed only when allowed to do so by the NRC. /
 - b. Notify Maine Yankee Nuclear Support Division. /
 - c. Notify Yankee Nuclear Support Division. /
 - d. Review the classification and determine required assistance. /
 - e. Advise the Plant Shift Superintendent on response measures. /
- R 8. Contact the Emergency Coordinator, inform him of current plant status and request him to initiate his appendix of this procedure (Appendix C). /

Appendix A

SUBSEQUENT ACTIONSINITIAL / TIME

NOTE: Assure that an accurate log, including the time, of all events, actions, notifications and phone calls is being maintained.

1. Update the off-site dose projections as conditions change, using the radiation monitors and the computer or the nomograms in the Control Room. Refer to Procedure 2.50.10, "Evaluation of Radiological Data," and Procedure 2.50.16, "Protective Action Recommendations".

_____/____

NOTE: This function will be taken over by the EOF when the appropriate personnel are on site.

2. Be prepared to provide plant status information via the hotline to off-site authorities if requested.

_____/____

3. Notify the CMP Dispatcher, who in turn will notify Maine Yankee Corporate Management and the Public Affairs and Information Service.

_____/____

4. When the TSC establishes contact with the control room request any required assistance in handling communications.

_____/____

5. If the event produces abnormal in-plant radiological conditions, direct the shift Chemistry and Radiological Controls Technician to evaluate the condition and augment this capability with the manpower provided by the Emergency Coordinator when applicable.

_____/____

6. Account for duty shift personnel. Give names of personnel accounted for to the Gatehouse.

_____/____

7. Request assistance of outside agencies (fire, law enforcement, or medical rescue personnel) as needed to deal with the event (refer to Procedure 2.50.17, "Emergency Notification"):

a. Fire

_____/____

b. Medical

_____/____

c. Law enforcement (in conjunction with the shift Security Supervisor).

_____/____

Appendix A

INITIAL / TIME

8. Together with the Emergency Coordinator and the Shift Engineer, re-evaluate the emergency classification to see if conditions warrant escalation or de-escalation of the classification.
_____/____
9. If conditions warrant escalation to a General Emergency, go to Procedure 2.50.4 and follow the Appendix A-1.
_____/____
10. If after discussion with Plant Management, the Shift Engineer, Technical Support Center Coordinator and the Emergency Coordinator the decision to de-escalate is made, assure the following takes place:
 - a. Notify plant personnel of de-escalation to Alert, Unusual Event or non-emergency status whichever applies.
_____/____
 - b. Notify the CMP dispatcher of the de-escalation.
_____/____
 - c. Review the applicable procedure to see if all necessary functions are being maintained.
_____/____
11. If shift turnover is required, brief incoming Operations personnel on accident proceedings prior to relinquishing control.
_____/____
12. Summarize all actions and resultant conditions in the Control Room Log either when a shift has been completed or when the emergency has been terminated.
_____/____

APPENDIX A-1

PLANT SHIFT SUPERINTENDENT
ESCALATION TO SITE AREA FROM AN UNUSUAL EVENT OR ALERT

The plant has been in either an Unusual Event or Alert condition for some period of time. The initial conditions will vary depending on which level emergency we are escalating from.

NOTE: If escalating from an Unusual Event, the following conditions apply.

Conditions

- R a. The Emergency Coordinator may be onsite or he may be on standby at a phone.
- b. None of the Emergency Centers are activated.
- c. During normal working hours, plant staff are all on site; only visitors and contractors have been evacuated.
- d. YNSD and ANI have not been notified.

Required Actions

ESCALATION FROM
 UNUSUAL ALERT
 EVENT

NOTE: Put Initials and Time at each step.

- R 1. If the Emergency Coordinator is not onsite, continue to act as the Emergency Coordinator until relieved.
- R 2. Contact the Emergency Coordinator (at home or on site) and inform him of the plant status and request him to contact plant personnel using Procedure 2.50.17, "Emergency Notification."
- 3. Instruct Control Room personnel to sound a ten-second blast of the evacuation alarm and make the following announcement on the FEMCO system:
 - a. "Site Area Emergency, Site Area Emergency, Site Area Emergency, we have escalated to a Site Area Emergency."
 - b. "(Describe condition and effected area)".

_____|_____
 _____|_____
 _____|_____

Appendix A-1

ESCALATION FROM
UNUSUAL ALERT
EVENT

- c. "Plant staff with emergency duties report to your assigned emergency center and be accounted for by the center coordinator. All other plant staff, visitors and contractors assemble at the Staff Building and await further instruction."

Repeat The Announcement

NOTE: Steps 4 and 5 must be performed by the same person.

4. Notify the Maine State Police within 15 minutes using the hotline (White Phone) in the Plant Shift Superintendent's Office.

R If contact cannot be made by this system, use an alternate method listed in Emergency Procedure 2.50.17, Appendix A.

Provide either Message A or B indicated below:

Message A: Use if no off-site release is involved

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have escalated to a Site Area Emergency.
- No releases of radioactivity are involved.
- Our emergency operations facility will be making protective action recommendations to the State Emergency Operations Center shortly via direct hotline.
- I expect a confirmation call."

Repeat the entire message.

OR

Message B: Use if an off-site release is in progress or projected

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have escalated to a Site Area Emergency.
- A release is in progress or is expected.
- The wind is blowing from (provide current wind speed and direction).
- Our emergency operations facility will be making protective action recommendations to the State Emergency Operations Center shortly via direct hotline.
- I expect a confirmation call."

Repeat the entire message.

Appendix A-1

ESCALATION FROM
UNUSUAL ALERT
EVENT

5. Confirm the message for the State Police when they call back and ask to speak to the individual who made the call in Step 10.
6. The Maine State Police (MSP) will call to coordinate the siren actuator. With both parties maintaining communication, the MSP will actuate the fixed sirens and will indicate when activation is complete. Wait 30 seconds and reactivate the fixed siren system by inserting the key (on the PSS's key ring) in the PEAS encoder located in CAS (make sure encoder is plugged in), turn the key to ON and push the ACTIVATE button. If you do not hear a set of tones after pushing the ACTIVATE button, repeat the above steps for activation. Contact the gatehouse to have someone verify siren activation. If not verified, repeat siren activation.
- R 7. If the Emergency Coordinate is not onsite, have the Shift Engineer make the following notifications of the escalation.
 - a. NRC on the Emergency Notification System (Red Phone). Maintain the open communications channel on this line. This channel will be closed only when allowed to do so by the NRC.
 - b. CEP (Black Hotline Phone). _____|_____
 - c. Maine Yankee Nuclear Support Division. _____|_____
 - d. Yankee Nuclear Support Division. _____|_____
- R 8. If the Emergency Coordinator is on site, check to assure that he has made or will make the notifications listed in Step 7. _____|_____
9. Account for duty shift personnel. Give the names to the Gatehouse. _____|_____
- R 10. When escalating to a Site Area Emergency from an Alert check to assure that the following actions have been completed:
 - a) The Emergency Coordinator is on site and has assumed the duties of Emergency Coordinator. _____|_____
 - b) All notification and off-site phone contacts, except for the State Police (White Phone) contacts, are being made from the EOF. _____|_____

Appendix A-1

ESCALATION FROM
UNUSUAL ALERT
EVENT

- c) All Emergency Centers are activated. _____ | _____
- d) Plant staff have evacuated to the Staff Building and are accounted for. _____ | _____
- e) All required agencies and organizations have been made aware that the plant is in an Alert condition. _____ | _____

SUBSEQUENT ACTIONS:

NOTE: Assure that an accurate log, including the time, of all events, actions, notifications and phone calls is being maintained.

1. Off-site phone communications will be handled from the EOF when it is staffed. _____ / _____
2. Notify the CMP Dispatcher, via microwave, who will in turn notify M.Y. Corporate Management and Public Affairs and Information Service. _____ / _____
3. Establish contact with the TSC and OSC if escalating from an Unusual Event. _____ / _____
4. Maintain contact with the TSC and OSC if escalating from an Alert. _____ / _____

NOTE: If the EOF has not yet set up for dose evaluation, estimate the off-site dose using the radiation monitors and the computer or the nomograms in the control room. Refer to Procedure 2.50.10, "Evaluation of Radiological Data."

5. If escalating from an Alert, personnel accountability has been completed. If you should lose contact with any personnel in the plant, report his name and his possible location to the EOF. _____ / _____
6. Assure that all personnel returning to the Control Room from assignments in the plant check their dosimetry. Report any off-scale or high exposures to the EOF. _____ / _____

Appendix A-1

INITIAL/TIME

- R 7. Request assistance of outside agencies (fire, law enforcement, or medical rescue personnel) as needed to deal with the event (Refer to Procedure 2.50.17, "Emergency Notification.")
- a. Fire
 - b. Medical
 - c. Law Enforcement (in conjunction with the shift Security Supervisor).
8. Together with Plant Management, the Emergency Coordinator, the Shift Engineer and the Technical Support Center Coordinator, re-evaluate the emergency classification to see if conditions warrant escalation or de-escalation of the classification.
9. If conditions warrant escalation to a General Emergency, go to Procedure 2.50.4 and follow the Appendix A-1.
10. If conditions warrant de-escalation, assure the following takes place:
- a. Notify plant personnel of de-escalation to Alert, Unusual Event or a non-emergency status, whichever applies.
 - b. Notify the CMP Dispatcher of the de-escalation.
 - c. Review the applicable procedure to see if all the necessary functions are being maintained.
11. If shift turnover is required, brief incoming Operations personnel on accident proceedings prior to relinquishing control.
12. Summarize all actions and resultant conditions in the Operations Log either when a shift has been completed or when the emergency has terminated.

____/____

____/____

____/____

____/____

____/____

APPENDIX A-2

PLANT SHIFT SUPERINTENDENT
DE-ESCALATION TO A SITE AREA EMERGENCY FROM A GENERAL EMERGENCY

INITIAL CONDITIONS:

1. The plant has been in a General Emergency condition.
2. All the required personnel and off-site agencies are on site or on the way.
3. The decision to de-escalate to a Site Area Emergency has been made after consultation with Plant Management, the Emergency Coordinator, the Shift Engineer, the Technical Support Center Coordinator and other technical advisors.

REQUIRED ACTIONS:

INITIAL/TIME

1. Maintain all actions necessary to bring the emergency under control. _____/_____
2. Notify the State Police of the de-escalation. _____/_____
3. Check that the announcement of the de-escalation to Site Area Emergency has been made over the FEMCO system. _____/_____
4. Check with the EOF to see if all required notifications have been made. _____/_____
5. Account for any personnel that have been sent out in the plant to perform emergency actions. _____/_____
6. If contact is lost with any personnel sent out in the plant to perform emergency functions, report the name and possible location to the EOF. _____/_____
7. Have personnel check dosimeters. _____/_____
8. Report any off-scale or high range dosimeter reading over 500 mr to the EOF. _____/_____
9. Maintain communications with all emergency centers. _____/_____
10. If conditions should warrant re-escalation to a General Emergency, go to Procedure 2.50.4, "General Emergency," and follow the Appendix A-1.

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Appendix A-2

INITIAL/TIME

11. If after discussion, with the Shift Engineer, the Technical Support Center Coordinator, the Emergency Coordinator, Plant Manager and other technical advisors, the decision to de-escalate is made, go to the appropriate procedure 2.50.2, "Alert," or 2.50.1, "Unusual Event," and follow the Appendix A-2.

12. If shift turnover is required, brief incoming Operations personnel on accident proceedings prior to relinquishing control.

_____/____

13. Summarize all actions and resultant conditions in the Operations Log either when a shift has been completed or when the emergency has been terminated.

_____/____

APPENDIX B

SITE AREA EMERGENCY - PLANT MANAGER

This Appendix applies in all cases, initial declaration of a Site Area Emergency, an escalation to a Site Area Emergency or a de-escalation from a General Emergency.

REQUIRED ACTIONS

- R 1. Assess the situation based on information supplied by the Plant Shift Superintendent or the Emergency Coordinator and report to the plant.

NOTE: The Plant Manager is not assigned to any particular center as he is responsible for overall direction of emergency response.

NOTE: In the absence of the Plant Manager, the following individuals, in the order listed, are designated as his alternates:

Assistant Plant Manager (one of three Dept. Heads is permanently designated)
Operations Dept. Head
Technical Support Dept. Head
On-Duty Plant Shift Superintendent

SUBSEQUENT ACTIONS

1. Assure continuity of resources (technical, administrative, and material) on a 24 hour basis as required.
2. Act as liaison between plant and corporate headquarters for the generation of public information releases.
3. Inform M.Y. Corporate Management when additional resources are required to augment plant resources (Combustion Engineering, Stone & Webster & other contracted services). Request activation and assistance of these resources using Emergency Procedure 2.50.17 for phone numbers and contact information.
4. Inform M.Y. Nuclear Support Division when Yankee Nuclear Service Division support other than the Site Response group is required.
5. Periodically review emergency classification with the Emergency Coordinator and Shift Engineer; adjust if conditions warrant such action.

Appendix B

6. Direct the emergency organization until such time that the emergency condition has been terminated.

NOTE: Notify plant staff, corporate office and other emergency resources if the emergency condition requires a transition to a recovery phase.

7. Direct plant action during the recovery phase, when applicable.
8. Close out the event by summarizing details and actions with the appropriate off-site agencies:
 - A. Nuclear Regulatory Commission
 - B. State of Maine
 - C. Federal Emergency Management Agency

R

APPENDIX C

SITE AREA EMERGENCY - EMERGENCY COORDINATOR

When the initial emergency declaration is a Site Area Emergency:

REQUIRED ACTIONS

INITIAL/ TIME

- R 1. Assume the functions of Emergency Coordinator at the E.O.F.

____/____

NOTE: The Emergency Coordinator, when notified, will assume the position of Emergency Coordinator and continue in this position until relieved.

2. Notify Plant Management.

____/____

NOTE: On back shifts and weekends the Plant Shift Superintendent will notify the Emergency Coordinator and brief him on plant conditions.

- R 3. Augment the duty staff, during back shifts and weekends, by notifying one person from each of the group call lists Procedure 2.50.17, "Emergency Notification".

NOTE: Assure that the person contacted has a call list available so that he may continue notifications. Instruct the person contacted to give top priority to the notification of off-site team monitoring personnel.

4. Report to the Emergency Operations Facility (EOF), located in the lower level of the Staff Building.

____/____

5. During normal working hours contact the Operations Support Center for Radiological Control and Chemistry personnel.

____/____

6. Check with the Control Room to see if all notifications (NRC, State and M.Y. Corporate) have been made. If any calls have not been made, instruct the Control Room that the call will be made from the EOF (except calls to Maine State Police).

____/____

Appendix C

- | | <u>INITIAL/ TIME</u> |
|--|----------------------|
| 7. Contact the Off-site Dosimetry Assistants and assign them to Local Emergency Operations Centers. Use procedure 2.50.17, "Emergency Notification," for the names and phone numbers of qualified personnel. | _____/____ |
| 8. Get updated conditions from the Plant Shift Superintendent and the Shift Engineer and confirm or re-evaluate the emergency classification using Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," criteria. | _____/____ |
| <u>NOTE:</u> Assure that an accurate log, including the time, of all events, actions, notifications and phone calls is being maintained. | |
| 9. Assure that a Communications Aide has been assigned to log events and take phone messages. | _____/____ |
| 10. If after consultation with the Plant Shift Superintendent, the Shift Engineer and the Technical Support Center Coordinator it is determined that conditions warrant escalation to a General Emergency go to Appendix C-1 of Procedure 2.50.4, "General Emergency." | _____/____ |
| <u>OR</u> | |
| If conditions warrant a de-escalation or termination, go to Step 40. | |
| 11. Contact the Plant Shift Superintendent and obtain a plant status report and the current meteorological conditions. | _____/____ |
| 12. Direct incoming qualified emergency personnel to conduct a Staff Building habitability determination using Appendix H. | _____/____ |
| 13. If it is determined that the EOF may become uninhabitable, initiate planning for evacuation of the center and moving to the alternate center. The following actions should be taken: | _____/____ |
| a. Notify Security of the possibility of a move. | _____/____ |
| b. Have available transportation alerted and ready to pick up personnel and equipment. | _____/____ |
| c. Assemble all required equipment (emergency kits, radio, nomograms, dosimeter racks, counting equipment, etc.) for quick transport to the alternate center. | _____/____ |

Appendix C

- | | <u>INITIAL/ TIME</u> |
|--|----------------------|
| d. Notify any off-site teams in the field of the possibility of a move. | ____/____ |
| e. Dispatch several personnel to prepare the alternate EOF for use. Include a qualified Emergency Coordinator, if available | ____/____ |
| 14. If it is determined that the center is uninhabitable, initiate the movement of personnel and equipment to the alternate EOF. Inform Security, off-site teams and the State EOC of the move. | ____/____ |
| <p><u>NOTE:</u> The alternate E.O.F. is located at the MY Corporate Offices at Court Street in Augusta. The alternate staging area for standby personnel is the CMP New Castle District Office located 5 miles northeast on Route 1.</p> | |
| 15. Assign the following emergency duties to appropriate qualified personnel as they arrive at the EOF: | Name of Individual |
| Coordinator's Assistant | _____ |
| Communications Assistant | _____ |
| Radiological Evaluation Assistant | _____ |
| Manpower and Planning Assistant | _____ |
| | <u>INITIAL/TIME</u> |
| 16. Contact the Gatehouse or the Security Center in the Staff Building (if the key card rack has been moved there) to see if any personnel are unaccounted for. | ____/____ |
| 17. Check with each center (TWC and OSC) to see if the missing person is in the Staff Building. | ____/____ |
| 18. Check with the Control Room to see if they have any information on the missing person. | ____/____ |
| 19. Initiate a search and rescue effort from the OSC if personnel cannot be located. | ____/____ |
| 20. Check with the Control Room to assure that habitability has been established. | ____/____ |

Appendix C

21. Check with plant security to assure that site access and control measures have been taken: Procedure 2.50.9, "Security Force Radiation Emergency Plan."

INITIAL/TIME

____/____

22. Establish contact with and brief the following outside agencies that will report to the EOF.

NOTE: Briefings may be assigned to the Coordinator's Assistant.

NAME

N.R.C.

____/____

Maine Div. of Health & Eng.

____/____

Maine State Police

____/____

Maine Civil Emerg. Prep.

____/____

NOTE: Inform members of the above agencies of current dose rate projections, plant conditions, field sample results and recommendations concerning emergency actions.

23. If representatives of the above agencies are not present at the EOF, communication is maintained with these agencies via the dedicated phones to:

CONTACT ESTABLISHED

Maine C.E.P. at State EOC (Hotline)

____/____

N.R.C. (Red Phone)

____/____

24. Review the following forms for accuracy and completeness before approving them for transmission to the State EOC via the hotline:

- a) Form 1 Plant Status
- b) Form 2 Release Data
- c) Form 3 Meteorology
- d) Form 4 Projected Doses
- e) Form X "Off-site Survey Report"
- f) Form Y Primary Vent Stack Data
- g) Protective Action Procedure 2.50.16, Form 1

Appendix C

INITIAL/TIME

25. Assure that the Communications Assistant has assigned a person to maintain a continuously updated status board. /
26. Read the information on the status board aloud to the staff members in the EOF. This should be done at approximately one-hour intervals.
27. Notify the EOF staff as soon as possible of all emergency escalations, protective action recommendations and state protective measure decisions.
28. The following Yankee Nuclear Service Division personnel will report to the EOF for assignments to augment plant personnel:

	ASSIGNED TO	NAME	
Systems Engineer	TSC	<u> </u>	<u> </u> / <u> </u>
Safety Analysis Engineer	TSC	<u> </u>	<u> </u> / <u> </u>
Radiological Engineer	TSC	<u> </u>	<u> </u> / <u> </u>
Radiation Protection Engineer	EOF	<u> </u>	<u> </u> / <u> </u>
Emergency Plan Engineer	EOF	<u> </u>	<u> </u> / <u> </u>
Yankee Environmental Lab Staff	EOF	<u> </u>	<u> </u> / <u> </u>

29. Check to see if the Recovery Manager has been designated and if he is on site. Record his name and time on site.

Name
Time

30. If on-site keep the Recovery Manager updated on all major events and decisions. Inform the TSC and Control Room that the Recovery Manager is on site. /
31. When contacted by Yankee Engineering Support Staff, provide radiological status report, and request any required assistance. /
32. Notify Rad Controls of the arrival of any aid and assistance personnel so that they may prepare the necessary badging. /

Appendix C

INITIAL/ TIME

33. If there are injured personnel, provide first aid treatment and prepare the patient(s) for transfer to the Bath Hospital by the local ambulance service, 882-7878 or, if unavailable, use the Company or private station wagon. (See Emergency Procedure 2.50.8)

NOTE: Contact Dr. Keating or his alternate (443-4471).

NOTE: Provide the Bath Hospital (443-5524) with the following information before a patient arrives at the hospital.

1. Number of accident victims (and whether they are radioactively contaminated).
2. Nature of medical problem of each.
3. Magnitude of radiation aspect, if applicable.
4. Anticipated time of arrival at the hospital.
5. Who will accompany patients.

Transfer the patient(s) to the ambulance or station wagon. If the patient is contaminated, assign a Rad Controls representative to accompany them to the hospital to maintain radiological controls.

34. Check that the Manpower and Planning Assistant has prepared to supplement plant manpower as may be dictated by emergency management. _____/_____
35. Check that the Manpower and Planning Assistant has scheduled personnel for shift turnover and relief. _____/_____
36. Evaluate current exposure totals as an aid in determining personnel needing relief. Refer to Procedure 2.50.14, "Emergency Radiation Exposure Control," for guidance. _____/_____
37. Ensure that the EOF remains active and adequately manned and supplied for the duration of the event. _____/_____
38. Notify American Nuclear Insurers (see Procedure 2.50.17). _____/_____

Appendix C

- | | <u>INITIAL/ TIME</u> |
|---|----------------------|
| 39. Periodically confer with the Plant Manager or his alternate, the Plant Shift Superintendent and Technical Support Center coordinator concerning the emergency classification. | ____/____ |
| 40. If the Site Area Emergency condition has been brought under control and plant conditions have stabilized to the satisfaction of those personnel in Step 39, then: | |
| a. If de-escalation is to an Alert, go to Appendix C-2 of Procedure 2.50.2, "Alert". | ____/____ |
| b. If de-escalation is to an Unusual Event or a non-emergency condition go to Appendix C of Procedure 2.50.1, "Notification of Unusual Event." | ____/____ |
| c. Ensure that corporate support groups notify any requested industry groups of this closeout. | ____/____ |
| d. Coordinate the restoration of emergency equipment to its original state. | ____/____ |
| e. Assist the Plant Manager in coordinating a recovery phase, if applicable. | ____/____ |
| 41. Confer with the Recovery Manager on the necessary actions required to initiate recovery operations. | ____/____ |

R

APPENDIX C-1

SITE AREA EMERGENCY - EMERGENCY COORDINATOR

Escalation to a Site Area Emergency from an Unusual Event or an Alert condition.

INITIAL CONDITIONS:

1. Escalation from an Unusual Event:

- R
- a. The Emergency Coordinator may be onsite or he may be on standby at a phone.
 - b. None of the emergency centers are activated.
 - c. During normal work days the plant staff are on site and visitors and contractors have been evacuated to the Staff Building.
 - d. The NRC, the State and M.Y. Nuclear Service Division have been notified of the Unusual Event. Yankee Nuclear Service Division and the American Nuclear Insurers have not received any notification.

NOTE: When escalating from an Unusual Event to a Site Area Emergency use Appendix C on page 20.

R 2. Escalating from an Alert

- a. The Emergency Coordinator is onsite and has assumed his Emergency Coordinator's duties. All notifications and off-site phone contacts are being made from the EOF.
 - b. All emergency centers are activated.
 - c. During normal work days all the plant staff with no emergency duties have been evacuated to the Information Center.
3. All required agencies and organizations have been notified that the plant was in an Alert status.

REQUIRED ACTIONS

1. Check that the Control Room has announced the Site Area Emergency condition over the FEMCO.

INITIAL/TIME

_____/____

Appendix C-1

- | | <u>INITIAL/TIME</u> |
|---|---------------------|
| 2. Notify the NRC of the escalation over the Red Phone. Maintain the open communication channel on this line. This channel will be closed only when allowed to do so by the NRC. | ____/____ |
| 3. Check that the PSS has notified the State Police using the hotline (White Phone). | ____/____ |
| 4. Check with the Control Room to see if the Maine State Police and the PSS have coordinated the activation of the fixed siren system. | ____/____ |
| 5. Notify Maine Yankee Nuclear Support Division of the escalation to a Site Area Emergency. | ____/____ |
| 6. Notify the Plant Manager if he is not on site. | ____/____ |
| 7. Notify Yankee Nuclear Services Division of the escalation to a Site Area Emergency. | ____/____ |
| 8. Notify CEP of the escalation using the hotline in the EOF. | ____/____ |
| 9. Confirm that all centers in the Staff Building are aware of the escalation. | ____/____ |
| 10. Consider briefing all agencies in the Staff Building on escalation. | ____/____ |
| 11. Have the Manpower Coordinator check the manpower requirements of all emergency centers and call in extra personnel as required. | ____/____ |
| 12. Get updated conditions from the Plant Shift Superintendent and the Shift Engineer and confirm or re-evaluate the emergency classification using Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," criteria. | ____/____ |
| 13. If after consultation with the Plant Shift Superintendent, the Shift Engineer and the Technical Support Center Coordinator it is determined that conditions warrant escalation to a General Emergency, go to Appendix C-1 of Procedure 2.50.4, "General Emergency." | |
| <u>OR</u> | |
| If conditions warrant a de-escalation or termination, go to Step 39. | |
| 14. Maintain contact with the Control Room, Technical Support Center and the Operations Support Center. | ____/____ |

Appendix C-1

INITIAL/TIME

15. Assure the habitability determinations are being made in the Staff Building and the Control Room. _____/_____
16. If it is determined that the EOF may become uninhabitable, initiate planning for evacuation of the center and moving to the alternate center. The following actions should be taken:
- a. Notify Security of the possibility of a move. _____/_____
- b. Have available transportation alerted and ready to pick up personnel and equipment. _____/_____
- c. Assemble all required equipment (emergency kits, radio, nomograms, dosimeter racks, counting equipment, etc.) for quick transport to the alternate center. _____/_____
- d. Notify any off-site teams in the field of the possibility of a move. _____/_____
- e. Dispatch several personnel to prepare the alternate EOF for use. Include a qualified Emergency Coordinator, if available. _____/_____
17. Confirm that the Off-site Dosmetry Assistants have been assigned to Local Emergency Operating Centers. _____/_____
18. If it is determined that the center is uninhabitable, initiate the movement of personnel and equipment to the alternate EOF. Inform Security, off-site monitoring teams and the State EOC of the move. _____/_____
- NOTE: The alternate EOF is located at the MY Corporate Offices at Court Street in Augusta. The alternate staging area for standby personnel is the CMP Newcastle District Office located 5 miles northeast on Route 1.
19. Personnel accountability has been performed. Assure that the Manpower Coordinator is being kept informed of all personnel entering and leaving the site. _____/_____
20. Check with Security to assure that site access and control measures have been taken. _____/_____
21. Assure that the Communications Aide is maintaining an updated log of all events, decisions and phone calls. _____/_____
22. Assure that a person has been assigned to keep the Status Board updated. _____/_____

Appendix C-1

23. Read the information on the status board aloud to the staff members in the EOF. This should be done at approximately one-hour intervals.
24. Notify the EOF staff, as soon as possible, of all emergency escalations, protective action recommendations and state protective measure decisions.
25. Establish contact with and brief (you may assign the Asst. Coordinator to brief) the following outside agencies that will report to the EOF.

INITIAL/TIMENAME

NRC

_____/____

Maine Div. of Health/Eng.

_____/____

Maine State Police

_____/____

Maine Civil Emerg. Prep.

_____/____

NOTE: Inform member of the above agencies of current dose rate projections, plant conditions, field sample results and recommendations concerning emergency actions.

26. If representatives of the above agencies are not present at the EOF, communication is maintained with these agencies via the dedicated phones to:

State (Hotline)

_____/____

NRC (Red Phone)

_____/____

27. Review the following forms for accuracy and completeness before approving them for transmission to the State EOC via the hotline:

- a) Form 1 Plant Status
- b) Form 2 Release Data
- c) Form 3 Meteorology
- d) Form 4 Projected Doses
- e) Form X "Off-site Survey Report"
- f) Form Y Primary Vent Stack Data
- g) Protective Action Procedure 2.50.16, Form 1

Appendix C-1

INITIAL/TIME

28. The following Yankee Nuclear Service Division personnel will report to the EOF for assignments to augment plant personnel:

ASSIGNED TO	NAME		
Systems Engineer	TSC	_____	_____/_____
Safety Analysis Engineer	TSC	_____	_____/_____
Radiological Engineer	TSC	_____	_____/_____
Radiation Protection Engineer	EOF	_____	_____/_____
Emergency Plan Engineer	EOF	_____	_____/_____
Yankee Environmental Lab Staff	EOF	_____	_____/_____

29. When contacted by Yankee Engineering Support Staff, provide radiological status reports, and request any required assistance. _____/_____
30. Notify Rad. Controls of the arrival of any aid and assistance personnel so that they may prepare the necessary badging. _____/_____
31. If there are injured personnel, provide first aid treatment and prepare the patient(s) for transfer to the Bath Hospital by the local ambulance service, 882-7878 or, if unavailable, use the Company or private station wagon (see Emergency Procedure 2.50.8).

NOTE: Contact Dr. Keating or his alternate (443-4471).

NOTE: Provide the Bath Hospital (443-5524) with the following information before a patient arrives at the hospital.

1. Number of accident victims (and whether they are radioactively contaminated).
2. Nature of medical problem of each.
3. Magnitude of radiation aspect, if applicable.
4. Anticipated time of arrival at the hospital.
5. Who will accompany patients.

Appendix C-1

INITIAL/TIME

Transfer the patient(s) to the ambulance or station wagon. If the patient is contaminated, assign a Rad Controls representative to accompany them to the hospital to maintain radiological controls.

32. Check to see if the Recovery Manager has been designated and if he is on site. Record name and time on site.

Name
Time

33. If the Recovery Manager is on site, keep him updated on all major events and decisions. Inform the TSC and Control Room that the Recovery Manager (give his name) is on site.
34. Check that the Manpower and Planning Assistant has scheduled personnel for shift turnover and relief. /
35. Evaluate current exposure totals as an aid in determining personnel needing relief. Refer to Procedure 2.50.14, "Emergency Exposure Control," for guidance. /
36. Ensure that the EOF remains active and adequately manned and supplied for the duration of the event. /
- R 37. Notify American Nuclear Insurers (see Procedure 2.50.17). /
38. Periodically confer with the Plant Manager or his alternate, the Plant Shift Superintendent and Technical Support Center staff concerning the emergency classification. /
39. If the Site Area Emergency condition has been brought under control and plant conditions have stabilized to the satisfaction of those personnel in Step 38, then:
- a. If de-escalation is to an Alert, go to Appendix C-2 of Procedure 2.50.2, "Alert." /
- b. If de-escalation is to an Unusual Event or a non-emergency condition go to Appendix C of Procedure 2.50.1, "Notification of Unusual Event." /
40. Confer with the Recovery Manager on the necessary actions required to initiate recovery operations, if necessary. /

APPENDIX C-2SITE AREA EMERGENCY - EMERGENCY COORDINATOR

De-escalation to Site Area Emergency from a General Emergency

INITIAL CONDITIONS:

1. The plant has been in a General Emergency Condition.
2. All the required plant personnel and off-site agency personnel are on site or on the way.
3. The decision to de-escalate to a Site Area Emergency has been made after consultation with Plant Management, the Shift Engineer, the Technical Support Center Coordinator and other technical advisors.

REQUIRED ACTIONS:INITIAL/TIME

1. Notify the NRC on site and over the Red Phone of the de-escalation to Site Area Emergency. _____/_____
2. Notify the State authorities, on site and over the hotline in the EOF of the deescalation to Site Area Emergency. _____/_____
3. Instruct the PSS to notify the Maine State Police, using the hotline (White Phone) in the Control Room, of the de-escalation to Site Area Emergency. _____/_____
4. Notify Maine Yankee Nuclear Support Division _____/_____
5. Notify Yankee Nuclear Support Division. _____/_____
- R 6. Notify the American Nuclear Insurers of the de-escalation (see Procedure 2.50.17). _____/_____
7. Notify the off-site monitors of the de-escalation. _____/_____
8. Review Appendix C-1 of this procedure to assure that all necessary functions are being maintained. _____/_____
9. If further de-escalation is warranted, refer to Step 39 of Appendix C-1 of this procedure. _____/_____
10. If after consultation with the Plant Shift Superintendent, the Shift Engineer, and the Technical Support Center Coordinator it is declared that conditions warrant escalation to a General Emergency, go to Appendix C-1 of Procedure 2.50.4, "General Emergency." _____/_____

APPENDIX DSITE AREA EMERGENCY - RADIOLOGICAL EVALUATION ASSISTANT

This Appendix applies when the initial emergency classification is a Site Area Emergency and when we are escalating to a Site Area Emergency from an Unusual Event.

When we are escalating from an Alert to a Site Area and when we de-escalate to a Site Area from a General Emergency, the following actions will have been initiated. Review them to assure that all functions are being maintained.

REQUIRED ACTIONSINITIAL/ TIME

NOTE: Assure that the Staff Building habitability assessment is being performed.

1. Assign a Radiological Controls Supervisor to direct the Radiological Protection (RP) activities being run from the Operations Support Center.

NAME

_____/____

2. Assign a Radiological Controls Specialist or other qualified person to direct the implementation of Procedure 2.50.10, "Evaluation of Radiological Data." His functions are outlined in Step 17.

NAME

_____/____

3. Assign a Radiological Controls Specialist or other qualified person to direct off-site sample collection. His functions are outlined in Step 18.

NAME

_____/____

4. Assign a Radiological Controls Specialist or other qualified person to direct the on-site radiological monitoring. His functions are outline in Step 19.

NAME

_____/____

5. If conditions warrant such action, determine the effected area downwind, and confer with the Emergency Coordinator as to which sample locations the off-site monitoring teams should be dispatched.

_____/____

6. Direct the Sample Coordinator to dispatch his teams to the appropriate sample locations.

_____/____

Appendix D

- | | <u>INITIAL/TIME</u> |
|--|---------------------|
| R 7. Obtain the latest weather forecast to prepare for any predicted changes in meteorological information. Use the weather alert radio or contact the state for the latest forecast. | ____/____ |
| 8. When a Form 1, "Plant Status," is received, complete Part II and have copies distributed and the original forwarded to the Emergency Coordinator. | ____/____ |
| 9. Review Form 2, "Release Data," when received. | ____/____ |
| 10. Review Form 3, "Meteorology," when received. | ____/____ |
| 11. Review and approve Form 4, "Projected Doses". Have copies distributed and the original forwarded to the Emergency Coordinator. | ____/____ |
| 12. Utilizing the information provided by the Radiological Data Evaluator, the information on the projected length of time of the releases, the meteorological information, and the information coming in from off-site, evaluate the projected dose commitment to the effected areas. | ____/____ |
| 13. Use Procedure 2.50.16, "Protective Action Recommendation," to determine the protective actions to be recommended to the State. | ____/____ |
| 14. Fill out Form 1 in Procedure 2.50.16 and forward to the Emergency Coordinator. | ____/____ |
| 15. Discuss all dose projections and advise the Emergency Coordinator of any required protective actions. | ____/____ |

16. When de-escalating from a site area emergency to lower category emergency:

INITIAL/TIME

- a) Review off-site monitoring team locations. Consider the downward location of the plume after the release has stopped.
- b) Review the necessity of continuing all functions.
- c) Review personnel requirements.
- d) Review personnel dose accumulation.
- e) Review environmental data and consider necessity for additional sample collection.
- f) Review radiological status of all centers.
- g) Review status of Yankee Mobile Labs.
- h) Review on-site radiological data with employees on recovery actions.
- i) Assure that any equipment, records, or logs that are returned to the E.O.F. are being properly accounted for and stored.

____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____

17. Radiological Data Evaluator

Name

- a) Set up designated area of the EOF Command Room.
- b) Set up the computer.
- c) Remove the nomograms and maps from storage and place in their designated locations in the Command Room.
- d) Check out the operability of the computer terminal.
- e) Check out the operability of the meteorological data CRT.
- f) Request help from the Computer Section if systems are not working.

____/____
____/____
____/____
____/____
____/____
____/____

Appendix D

- | | <u>INITIAL/TIME</u> |
|--|---------------------|
| g) Request that the Primary Vent Stack samples (charcoal and particulate filters) be removed for evaluation. Make sure the new filters are placed on line. | |
| h) Assign additional qualified help to aid in the checking of results and the relogging of information. | ____/____ |
| i) Perform dose calculations using the computer and nomograms (Procedure 2.50.10). | ____/____ |
| j) Complete Form 4, "Projected Doses," and forward to the Radiological Evaluation Assistant. (A computer printout may be attached to the form). | ____/____ |
| k) Calculate PVS releases (based on chemistry analysis) and project whole body and thyroid dose rates downwind. | ____/____ |
| l) Transmit this information to the Radiological Evaluation Assistant using Form Y. | ____/____ |
|
18. <u>Radiological Sample Coordinator</u> _____ | |
| | Name |
| a) Select qualified personnel for off-site monitoring teams. | ____/____ |
| b) Form three two-man off-site monitoring teams. | |
| Red Team _____ | ____/____ |
| Blue Team _____ | ____/____ |
| Green Team _____ | ____/____ |
| <u>NOTE:</u> Assure that each team knows its designation. | |
| c) Provide assistance for teams when they check out their equipment. | ____/____ |
| d) Dispatch off-site monitoring teams to survey locations as directed by the Radiological Evaluation Assistant as rapidly as possible. | ____/____ |
| <u>NOTE:</u> One team should be immediately dispatched to the nearest point in the downwind direction to confirm off-site dose projections. | |

Appendix D

INITIAL/TIME

- e) Review and evaluate the incoming reports from the off-site monitoring teams. Calculate off-site dose rates based on field measurements, complete Form X and transmit these data to the Radiological Evaluation Assistant. _____/_____
- f) Evaluate the exposure being accumulated by the members of the off-site monitoring teams and advise them of proper protective measures to reduce exposure and personal or equipment contamination. _____/_____
- g) Keep off-site teams aware of plant conditions, plume location and exposure considerations. _____/_____
- h) Assign priorities for analysis of incoming samples. See Procedure 2.50.10, "Evaluation of Radiological Data." _____/_____
- i) Assure that all analytical results are given to the Radiological Evaluation Assistant. _____/_____
- j) Coordinate the set-up and operation of the YNSD Environmental Lab. Inform the Radiological Evaluation Assistant if the radiation levels are too high for operation at the E.O.F. _____/_____

19. On-Site Data Evaluator_____
Name

- a) Assure that plant and Staff Building habitability assessments are being made and evaluated. _____/_____
- b) Direct the set-up and functioning of the radiological access and control measures at the E.O.F. _____/_____
- c) Evaluate personnel contamination problems. _____/_____
- d) Coordinate the set up and operation of the Yankee Nuclear Service Division T.L.D. Lab. Inform the Radiological Evaluation Assistant if the radiation levels are too high for operation at the E.O.F. _____/_____
- e) Direct personnel and equipment decontamination efforts of the E.O.F. _____/_____
- f) Assure that personnel exposure records are being updated at the E.O.F. and the information is being transferred to the Radiological Controls Supervisor at the O.S.C. _____/_____

Appendix D

INITIAL/TIME

- R g) Gather, record, and report on-site dose measurements to the Radiological Evaluation Assistant. Assure that pertinent information is added to the EOF Status Board. _____/_____
- h) Review and evaluate in-plant personnel exposures with the Radiological Evaluation Assistant. Assure that exposure records are being updated. _____/_____
- i) Assist the Radiological Evaluation Assistant to:
- Review personnel needs with the Manpower and Planning Assistant. _____/_____
 - Assure that the YNSD Environmental and T.L.D. Lab functions are being properly coordinated and utilized. _____/_____
- R • If it is reported that radiation levels are too high for operation of one or both of the mobile labs, notify the C.M.P. Newcastle District Office that the labs will be going there. See Procedure 2.50.17, "Emergency Notification," for the phone number and notification details. _____/_____
- R • Arrange for the collection of the off-site air samples and T.L.D.'s by the Environmental Personnel at the Bailey House. Refer to Procedure 2.50.17, "Emergency of Notification," for phone numbers of personnel for weekend and back shift notification. _____/_____
- Provide constant updates of all radiological conditions to the Emergency Coordinator. _____/_____
 - Assure that all samples are being prioritized for analysis and evaluation. _____/_____
 - Assure that all sample results are being properly recorded and that completed samples are being properly stored. _____/_____
 - Assure that all rad waste is being properly stored. _____/_____

APPENDIX ESITE AREA EMERGENCY - COMMUNICATIONS ASSISTANT

This appendix applies when the initial emergency classification is a site area emergency or when we are escalating from an Unusual Event to a Site Area Emergency. When we are escalating to a Site Area emergency from an Alert, or deescalating from a General Emergency, the following actions will have been initiated. Review them to assure that all necessary functions are being maintained.

The Communications Assistant's function is to assure that all the equipment and personnel necessary to carry out the required communication functions are in place and that all information transfer and status board data are being maintained in a timely manner.

- 1.0 When the TSC, EOF and OSC are being activated assure the following actions are complete.

NOTE: All equipment and materials are located in the Emergency Plan Cabinet in the EOF. Extension phones and wall jacks are numbered. Make sure the phone and jack extension numbers are the same.

- 1.1 Set up EOF extension phones.

INITIAL/ TIME

Emergency Coordinator	Ext.	____/____
Asst. Emergency Coordinator	Ext.	____/____
Radiological Evaluation Asst.	Ext.	____/____
Radiological Evaluation Center	Ext.	____/____

- 1.2 Assure that the installed phones are in place and working.

Central Office Line (outside line) Emerg. Coord.
 Central Office Line (outside line) Rad Eval Cent
 State CEP Hotline
 NRC Red Phone

- 1.3 Set up TSC extension phones.

TSC Coordinator	Ext.	____/____
Spare	Ext	____/____
Spare	Ext	____/____

- 1.4 Assure that the installed phones are in place and working.

Central Office Line (outside phone)

Appendix E

INITIAL/ TIME

1.5 Set up the OSC extension phones.

OSC Coordinator
OSC Rad Controls

Ext.
Ext.

____/____
____/____

1.6 Assure that the Recovery Manager's phones are in place.

Recovery Manager
Central Office Line (outside line)
State Governors Hotline (Yellow Phone)

Ext

____/____
____/____
____/____

2.0 Assure that a radio operator is assigned to the E-plan radio.

____/____

2.1 The radio operators duties are:

- a. Maintain radio contact with off-site teams.
- b. Maintain radio log.

3.0 Assure that a Recovery Manager's Information Assistant has been assigned.

____/____

3.1 The Recovery Manager's Information Assistants duties are:

- a. Obtain information requested by Recovery Manager.
- b. Transmit information as directed by Recovery Manager.
- c. Take and record phone messages for Recovery Manager.
- d. Assist Recovery Manager as directed.

4.0 Assure that a Communications Aide is assigned to:

- 1. The EOF
- 2. The TSC

____/____
____/____

4.1 The Communications Aide's duties are:

- a. Handle all incoming and outgoing communications.
- b. Log all messages and actions.

5.0 Assure that a Communications Aide for the State CEP hotline is assigned.

____/____

Appendix E

INITIAL/ TIME

5.1 The Hotline Communications Aide's duties are:

- a. Transmit all approved communications to the State CEP.
- b. Receive and pass on all requests from the State CEP.
- c. Maintain all Information Forms used to pass on information to State CEP.
- d. Log all requests for information received from the State CEP.

6.0 Assure that log books, forms, pad, pencils, etc. are available at each Center. _____/_____

7.0 Assure that status boards are being updated in a timely manner. _____/_____

8.0 Assign any available unassigned personnel to assist in copying and distributing message and data forms. _____/_____

9.0 Assure that message forms for the transmission of information to the State CEP are available at the locations listed below and periodically verify that they are properly filled out, including date and time and routed as indicated below:

9.1 Form 1, "Plant Status," located at the TSC Table.

9.2 Form 2, "Release Data," located at the TSC Table.

9.3 Form 3, "Meteorology," located at the Rad Data Evaluator Table.

9.4 Form 4, "Projected Doses," located at the Rad Data Evaluator Table.

9.5 Form X, "Off-site Survey Report," located at the Radio Operators Station.

9.6 Form Y, "Primary Vent Stack Iodine Analysis," located at the Rad Data Evaluator Table.

9.7 Route as indicated on each form.

10.0 Check the alternate switchboard station (located at secretary's station in TSC) to see if it will be available if needed. _____/_____

Appendix E

- 11.0 If plant communication systems are inadequate to handle the flow of incoming and outgoing calls, notify the Emergency Coordinator and recommend alternate measures.
- 12.0 When de-escalating from a Site Area Emergency to an Alert, maintain all communication functions.
- 13.0 When de-escalating from a Site Area Emergency to an Unusual Event or non-emergency status, maintain radio communication until the Emergency Coordinator orders termination of radio contacts.

FINAL CONDITIONS

Collect all message forms, arrange them in sequential order and provide this documentation to the Emergency Coordinator.

APPENDIX F

SITE AREA EMERGENCY - MANPOWER AND PLANNING ASSISTANT

This Appendix applies when the initial emergency classification is a Site Area Emergency and when we are escalating to a Site Area Emergency from an Unusual Event.

When we are escalating to a Site Area from an Alert or are de-escalating to a Site Area Emergency from a General Emergency, the following actions will have been initiated. Review the actions to assure that all necessary functions are being maintained.

- | | <u>INITIAL / TIME</u> |
|---|-----------------------|
| 1. Set up the Manpower Station at the Plant Engineering Secretary's Station. | ____ / ____ |
| 2. Pick up the following material from the Emergency Plan Cabinet in the EOF: | ____ / ____ |
| a. Assignment tags | |
| b. Emergency Plan Rosters | |
| c. Emergency Organization Chart | |
| d. Labeled bumper hats | |
| 3. If possible check in personnel and distribute name tag and hats as personnel arrive at the EOF. | ____ / ____ |
| 4. If personnel are already in the centers, assign a manpower assistant to go to the centers and check off personnel present and distribute tags and hats. | ____ / ____ |
| 5. Remind personnel to pick up their dosimetry. | ____ / ____ |
| 6. Check with each center to see if they need any personnel. | ____ / ____ |
| 7. Call in any personnel requested. | ____ / ____ |
| 8. Maintain the Emergency Organization Chart in an up-to-date manner. | ____ / ____ |
| 9. Review manpower requests and establish shift relief schedules after reviewing the Emergency Assignment Roster with the Emergency Coordinator or his assistant. | ____ / ____ |

APPENDIX G

SITE AREA EMERGENCY - COORDINATOR'S ASSISTANT

This Appendix applies when the initial emergency classification is a Site Area Emergency and when we are escalating to a Site Area Emergency from an Unusual Event.

When escalating from an Alert or de-escalating from a General Emergency the following function will have been initiated. Review them to assure that all necessary functions are being maintained.

1. Function as an aide to the Emergency Coordinator.
2. Assist the Emergency Coordinator in directing the activities of the incoming support personnel.
3. Provide periodic briefings to emergency personnel at the EOF.
4. Direct personnel accountability at the EOF.
5. Document recommendations made to off-site authorities.

APPENDIX H
RADIOLOGICAL HABITABILITY ASSESSMENT

This Appendix applies when the initial emergency classification is a Site Area Emergency and when we are escalating to a Site Area Emergency from an Unusual Event.

When escalating to a Site Area Emergency from an Alert or de-escalating to a Site Area Emergency from a General Emergency, habitability checks will have been completed. Additional habitability checks should be made at the request of the Emergency Coordinator, the Radiological Evaluation Assistant or the Center Coordinators.

INITIAL/ TIME

1. Obtain a copy of Proc. 2.50.14, "Emergency Radiation Exposure Control."

____/____

2. Obtain a RM-14, a survey meter, and a low-volume charcoal air sampler. Perform the necessary functional checks on the instrumentation.

____/____

3. Monitor conditions in the area(s) assigned:

Technical Support Center
Operational Support Center
Emergency Operations Facility
Tunnel Access
Other areas as requested by the Plant Shift
Superintendent, Radiological Control Supervisor or
his alternate.

NOTE: Check pocket dosimeter readings of personnel in each center periodically.

4. Place a high range pocket dosimeter in a representative location at each center along with the third page of this appendix.
5. Using Table II in Procedure 2.50.14, assess personnel actions with respect to radiological conditions encountered.

____/____

____/____

Appendix H

6. Report findings and recommendations and submit to the appropriate center coordinator.

INITIAL/ TIME

 /

NOTE: Additional information, such as area surveys, should be recorded on the reverse side of form MY-HP-119-81.

NOTE: Start the Continuous Air Monitor located in the Staff Building. Use Procedure 9.209 for operating instructions.

NOTE: Set up air samplers in areas where they will not interfere with the conversations or movements of emergency personnel working in the centers. Since the TSC, OSC and EOF share the same filtered ventilation system, a single air sampler ventilation discharge should suffice unless high airborne activity is detected.

EMERGENCY CONDITIONS RADIOLOGICAL ASSESSMENT FORM

Date _____

Location of Sampling _____

DATA

Time

Maximum Dose Rate (W.B.)

Air Sample Results: Part.

(1): Char.

Max. Contamination

Technician

- (1) From Appendix C Procedure 2.50.10, "Evaluation of Radiological Data" to evaluate thyroid dose rate. If iodine is present in the air sample, confer with the Radiological Evaluation Assistant to determine the need for KI.

Recommended Action: (From sampling information and specifications in Table 1, Proc. 2.50.14, Emergency Radiation Exposure Control)

1. Continued center occupation until next survey.

2. Plan and prepare for center evacuation.

Comments:

NOTE: Additional information, such as area surveys, should be recorded on the back of this form.

Dept. Head ETB
PORC PX Newcomb
MOO N/A

Proc. No. 2.50.4
Class. A
Rev. No. 10
Issue Date 4-25-85
Review Date 4/87

2.50.4 GENERAL EMERGENCY

DISCUSSION

A General Emergency is defined as actual or imminent substantial core degradation or melting, with a potential for loss of containment integrity. The events included in a General Emergency category represent actual or potential substantial off-site radioactivity releases requiring immediate implementation of off-site protective actions. Assessment of radiological parameters will determine the type of protective measures necessary.

The decision to make an immediate initial declaration rests with the Emergency Coordinator. Prompt notification is made to the appropriate off-site authorities to assure that sufficient emergency personnel are mobilized and respond to the event in accordance with their respective emergency plan arrangements. Public information concerning the event will be provided via appropriate mechanisms. The public will be alerted by the Public Emergency Alert System under this emergency. The State will activate this system, unless plant conditions immediately indicate a General Emergency condition. Under this circumstance the Plant Shift Superintendent will authorize activation of this system from the Control Room.

Other nuclear industry organizations will be alerted and requested to render assistance as appropriate. Federal agency response will be implemented in accordance with the Federal Master Emergency Plan.

All emergency centers are activated following the declaration of a General Emergency. All personnel without emergency assignments are evacuated from the plant Protected Area. The Emergency Operations Facility (EOF) once activated, will provide a centralized meeting location for representatives from all responding emergency organizations.

The following appendices are attached and are to be used as check-off sheets by individuals responsible for implementation of this procedure at the various identified center locations:

Appendix A	Plant Shift Superintendent (Initial Declaration)	Pg. 6
Appendix A-1	Plant Shift Superintendent (Escalation to General Emergency)	Pg.11
Appendix B	Plant Management	Pg.16
Appendix C	Emergency Coordinator (Initial Declaration)	Pg.18
Appendix C-1	Emergency Coordinator (Escalation to General Emergency)	Pg.25
Appendix D	Radiological Evaluation Assistant	Pg.32
Appendix E	Communications Assistant	Pg.38
Appendix F	Manpower and Planning Assistant	Pg.42
Appendix G	Coordinator's Assistant	Pg.43
Appendix H	Radiological Habitability Assessment	Pg.44

NOTE: We may get to a General Emergency in two ways.

1. Our initial declaration may be a General Emergency.
2. We may escalate to a General Emergency from a lower category emergency.

The above appendices will address each of these cases.

2.0 OBJECTIVE

To outline the actions required of plant personnel, visitors, contractors, and other affected personnel in the event of a General Emergency.

3.0 PREREQUISITE(S)

A General Emergency has been declared per procedure 2.50.0, "Declaration and Categorization of Emergency Conditions."

4.0 PROCEDURE

1. Personnel evacuating the plant will report to the Staff Building Emergency Centers as indicated on page 4.
2. Having recognized the emergency condition and its classification as a General Emergency according to Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," the Plant Shift Superintendent will follow the actions specified in Appendix A, or Appendix A-1.
3. After being notified of the General Emergency, the Plant Manager or his designated alternate will carry out the actions specified in Appendix B.
4. The Technical Support Center Coordinator will respond and perform the actions specified in Procedure 2.50.19.
5. The Operations Support Center Coordinator will respond and perform those actions specified in Procedure 2.50.18.
- R 6. The Emergency Coordinator will respond and perform those actions specified in Appendix C, or C-1.
7. The Emergency Operations Facility (EOF) will be activated and those personnel with EOF duties will respond and perform those actions specified in Appendices D, E, F, G and H.

FINAL CONDITIONS

1. When the General Emergency Condition has been brought under control and plant conditions have stabilized to the satisfaction of the Plant Manager, the Plant Shift Superintendent and the Emergency Coordinator, and such stabilization does not require de-escalation to a lower emergency classification, then the Emergency Coordinator may in accordance with Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," declare the emergency condition terminated.
2. Under the conditions stated in step 1, the Emergency Coordinator will instruct the Plant Shift Superintendent to announce on the FEMCO system that the General Emergency Condition has ended.
3. The Emergency Coordinator will close out the event by issuing verbal summaries to appropriate off-site authorities and agencies.

OR

It may be deemed necessary to de-escalate the emergency classification. Notification of this transition would be issued by the Emergency Coordinator.

NOTE: The Emergency Coordinator should ensure that NRC, MBCEP, CMP, and YAEC have been notified in step 3 above.

NOTE: Corporate support personnel will be required to notify any industry-support summoned during the emergency (i.e., INPO, AIF, NSSS or A/E vendors).

4. Public information statements will be prepared and released by Maine Yankee corporate office personnel at Central Maine Power, Augusta, or, if conditions warrant action, at an appropriate center location.
5. If conditions warrant termination of the emergency, the plant emergency response staff will be notified that a recovery phase is in effect under the direction of the Recovery Manager.

SUMMARY OF PERSONNEL REPORTING AREAS AND ASSIGNMENTS

a. Weekends or backshifts during operations.

1. Onsite operations personnel report to the Control Room or as directed by the Plant Shift Superintendent. All other personnel on site report as for normal working hours or as directed by the Plant Shift Superintendent.
2. Personnel reporting to the site will check in at the Emergency Operations Facility.

b. Normal working hours:

<u>Operations</u>	<u>Initially Report To</u>	<u>Assignments</u>
Dept. Head	Cont. Room	T.S.C.
Asst. Dept. Head	T.S.C.	
Shift P.S.S.	Cont. Room	
Shift Operators	Cont. Room	
Spare P.S.S.	O.S.C.	
Spare Operators	O.S.C.	
<u>Maintenance</u>		
Dept. Head	T.S.C.	
Section Head	O.S.C.	E.O.F. as needed
All Others	O.S.C.	O.S.C. as needed
<u>Radiological Controls</u>		
Sect. Head	E.O.F.	
Rad. Control Supv.	E.O.F.	
Foreman	O.S.C.	
Specialists	E.O.F.	T.S.C. & O.S.C. as needed
Technicians	O.S.C.	E.O.F. as needed
Testers, Trainees	O.S.C.	E.O.F. as needed
Aides	E.O.F.	Dosimetry & Records Assistance
<u>Chemistry</u>		
Sect. Head	T.S.C.	
Supervisor	O.S.C.	O.S.C. as needed
Technicians	O.S.C.	O.S.C. as needed
<u>I & C</u>		
Sect. Head	T.S.C.	
Foreman	O.S.C.	O.S.C. as needed
Technicians & Testers	O.S.C.	O.S.C. as needed

<u>Plant Eng.</u>	<u>Initially Report To</u>	<u>Assignments</u>
Lead Eng. Eng. and Aides	T.S.C. E.O.F.	T.S.C. as needed
<u>QA</u>		
All Personnel	E.O.F.	T.S.C. as needed
<u>Nuclear Safety</u>		
All Personnel	T.S.C.	E.O.F. as needed
<u>Reactor Eng.</u>		
Sect. Head Engs.	T.S.C. E.O.F.	T.S.C. as needed
<u>Computer Group</u>		
Sect. Head Sr. Analyst Analysts	T.S.C. Room Comp. Room E.O.F.	Comp. Room as needed T.S.C. as needed
<u>Training</u>		
All Personnel	E.O.F.	
<u>Plant Services</u>		
All Personnel	O.S.C.	
<u>Stores</u>		
All Personnel	O.S.C.	
<u>Administrative</u>		
All Personnel	E.O.F.	

APPENDIX A

GENERAL EMERGENCY - PLANT SHIFT SUPERINTENDENT

When the initial emergency declaration is a General Emergency.

REQUIRED ACTIONS

INITIAL/TIME

NOTE: Procedure 2.50.17, "Emergency Notification" contains all the phone numbers and pager numbers required in this procedure.

1. Act as the Emergency Coordinator until relieved. _____/_____
2. Instruct control room personnel to sound a ten second blast of the evacuation alarm and make the following announcement on the FEMCO System.
 - A. "General Emergency, General Emergency, General Emergency".
 - B. "(Describe condition and affected area)".
 - C. "Plant staff with emergency duties report to your assigned emergency center and be accounted for by the center supervisor. All other plant staff, visitors and contractors assemble at the Staff Building and await further instruction." _____/_____

Repeat the announcement.

3. Use Procedure 2.50.16 "Protective Action Recommendations" to determine which message A or B (in step 4) to use for notifying the State Police.

NOTE: Steps 4 and 5 must be performed by the same person.

4. Notify the Maine State Police within 15 minutes of the declaration using the White Phone in the Plant Superintendent's Office.

If contact cannot be made by this system, use an alternate method listed in Emergency Plan Procedure 2.50.17, Appendix A.

Provide either Message A or B indicated below: _____/_____

Appendix A

INITIAL/TIME

Message A: Use when it is known that there are no major
release paths (off-site dose less than 100mr expected)

- "This is (Name of Caller) from Maine Yankee Atomic Power Station.
- We have a General Emergency.
- Present Plant conditions could represent a public health hazard in the immediate area around Maine Yankee.
- The wind is blowing from the (provide current wind speed and direction).
- Our recommendation for the public is to seek shelter and remain indoors until further advised.
- I expect a confirmation call."

Repeat the entire message.

_____/____

Message B: Use when it is known that we have a major release
ongoing or one is about to occur (off-site dose
greater than 100mr expected)

- "This is (Name of Caller) from Maine Yankee Atomic Power Station.
- We have a General Emergency.
- Present Plant conditions could represent a public health hazard in the immediate area around Maine Yankee.
- The wind is blowing from (provide current wind speed and direction).
- Conditions warrant immediate activation of the Public Emergency Alert System.
- We intend to activate this system unless instructed not to do so within 15 minutes.
- Our recommendation for the public is to seek shelter and remain indoors until further advised. However we recommend that evacuation of people close to the plant and downwind of the plant be considered.
- I expect a confirmation call."

Repeat the entire message.

_____/____

Appendix A

INITIAL/TIME

5. Confirm the message for the State Police when they call back. They will ask to speak to the individual who made the notification. _____/_____
6. If conditions warrant the use of Message B and the State has not advised against the activation of the Public Emergency Alert System, instruct the CAS operator to activate the PEAS Button. _____/_____
7. If conditions warrant the use of Message B and the State advises against the activation of PEAS, record this in the Plant Shift Superintendent's log. _____/_____
8. The Maine State Police (MSP) will call to coordinate the siren actuation. With both parties maintaining communication, the MSP will activate the fixed sirens and will indicate when activation is completed. Wait 30 seconds and reactivate the fixed siren system by inserting the key (on the PSS's key ring) in the PEAS encoder located in CAS (make sure encoder is plugged in), turn the key to ON and push the ACTIVATE button. If you do not hear a set of tones after pushing the ACTIVATE button, repeat the above steps for activation. Contact the gatehouse to have someone verify the siren activation. If not verified, repeat the activation. _____/_____
9. Request the Shift Engineer to report to the Control Room and instruct him to:
 - A. Notify the NRC, within one hour after declaring the emergency, on the Emergency Notification System (Red Phone). Maintain an open communications channel on this line. This channel will be closed only when allowed to do so by the NRC. _____/_____
 - B. Notify Maine Yankee Nuclear Support Division. _____/_____
 - C. Notify Yankee Nuclear Support Division. _____/_____
 - D. Review the classification and determine required assistance. _____/_____
 - E. Advise the Plant Shift Superintendent on response measures. _____/_____
- R 10. Contact the Emergency Coordinator, inform him of current plant status and request him to initiate his appendix of this procedure (Appendix C). _____/_____

Appendix A

SUBSEQUENT ACTIONSINITIAL/TIME

NOTE: Assure that an accurate log, including the time, of all events, actions, notifications and phone calls is being maintained.

1. Update the off-site dose projections as conditions change, using the radiation monitors and the computer or the nomograms in the Control Room. Refer to Procedure 2.50.10 "Evaluation of Radiological Data," and Procedure 2.50.16 "Protective Action Recommendations."

____/____

NOTE: This function will be taken over by the EOF when the appropriate personnel are on site.

2. Be prepared to provide plant status information via the hotline to off-site authorities if requested.
3. Notify the CMP Dispatcher, who in turn will notify Maine Yankee Corporate Management and the Public Affairs and Information Service.
4. When the TSC establishes contact with the Control Room request any required assistance in handling communications.
5. If the event produces abnormal in-plant radiological conditions, direct the shift Chemistry and Radiological Controls Technician to evaluate the condition and augment this capability with the manpower provided by the Emergency Coordinator when applicable.
6. Account for duty shift personnel. Give the names of personnel accounted for to the Gate House.
7. Request assistance of outside agencies (fire, law enforcement, or medical rescue personnel) as needed to deal with the event (refer to Procedure 2.50.17, "Emergency Notification"):
 - a. Fire
 - b. Medical
 - c. Law enforcement (in conjunction with the Security Captain)
8. Together with the Emergency Coordinator and the Shift Engineer, re-evaluate the emergency classification to see if conditions warrant de-escalation of the classification.

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

____/____

Appendix A

INITIAL/TIME

9. If after discussion with Plant Management, the Shift Engineer, Technical Support Center Coordinator, and the Emergency Coordinator, the decision to de-escalate is made, assure the following takes place:
 - a) Notify plant personnel of de-escalation to Site Area, Alert, Unusual Event, or a Non-Emergency Status, whichever applies.
 - b) Notify the CMP dispatcher of the de-escalation.
 - c) Review the applicable procedure to see if all necessary functions are being maintained.
10. If shift turnover is required, brief incoming Operations personnel on accident proceedings prior to relinquishing control.
11. Summarize all actions and resultant conditions in the Control Room Log either when a shift has been completed or when the emergency has been terminated.

_____/____

_____/____

_____/____

_____/____

_____/____

APPENDIX A-1

PLANT SHIFT SUPERINTENDENT ESCALATION TO A GENERAL EMERGENCY
FROM AN UNUSUAL EVENT, ALERT, OR SITE AREA EMERGENCY

The plant has been in either an Unusual Event, Alert, or Site Area condition for some period of time. The initial conditions will vary depending on which level emergency we are escalating from.

NOTE: If escalating from the Unusual Event the following conditions apply.

CONDITIONS

- R a) The Emergency Coordinator may be on site or he may be on standby at a phone.
- b) None of the Emergency Centers is activated.
- c) During normal working hours, plant staff are all on site; only visitors and contractors have been evacuated.
- d) YNSD and ANI have not been notified.

REQUIRED ACTIONS: -

ESCALATION FROM
UNUSUAL ALERT/
EVENT SITE AREA

NOTE: Put Initials and Time at each step.

- R 1. If the Emergency Coordinator is not on site, continue to act as the Emergency Coordinator until relieved.
- R 2. Contact the Emergency Coordinator (at home or on site) and inform him of the plant status. Request him to contact plant personnel using Procedure 2.50.17, "Emergency Notification".
3. Instruct Control Room personnel to sound a ten-second blast of the evacuation alarm and make the following announcement on the FEMCO system:
- a. "General Emergency, General Emergency, General Emergency, we are escalating to a General Emergency".
- b. "(Describe condition and affected area)".

_____ | _____

_____ | _____

_____ | _____

Appendix A-1

ESCALATION FROM
UNUSUAL ALERT/
EVENT SITE AREA

- c. "Plant staff with emergency duties report to your assigned emergency center and be accounted for by the center coordinator. All other plant staff, visitors, and contractors assemble at the Staff Building and await further instructions."

Repeat the announcement.

NOTE: Steps 4 and 5 must be performed by the same person.

- R 4. Notify the Maine State Police within 15 minutes using the hotline phone (White Phone) in the Plant Shift Superintendent's Office.

If contact cannot be made by this system, use an alternate method listed in Emergency Procedure 2.50.17, Appendix A.

Provide either Message A or B indicated below:

Message A: Use when it is known that there are no major release paths.

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have escalated to a General Emergency.
- Present plant conditions could represent a public health hazard in the immediate area around Maine Yankee.
- The wind is blowing from the (provide current wind speed and direction).
- Our Emergency Operations Facility will be making protective action recommendations to the State Emergency Operations Center shortly via direct hotline.
- I expect a confirmation call."

Repeat the Entire Message.

OR

Appendix A-1

ESCALATION FROM
UNUSUAL ALERT/
EVENT SITE AREA

Message B: Use when it is known that we have a major release ongoing or one is about to occur.

- "This is (name of caller) from Maine Yankee Atomic Power Station.
- We have escalated to a General Emergency.
- Present plant conditions could present a public health hazard in the immediate area around Maine Yankee.
- The wind is blowing from (provide current wind speed and direction).
- Conditions warrant immediate activation of the Public Emergency Alert System.
- We intend to activate this system unless instructed not to do so within 15 minutes.
- Our emergency operations facility will be making protective action recommendations to the State Emergency Operations Center shortly via direct hotline.
- I expect a confirmation call."

Repeat the Entire Message.

5. Confirm the message for the State Police when they call back and ask to speak to the individual who made the call in Step 4.
6. If conditions warrant the use of Message B and the State has not advised against the activation of the Public Emergency Alert System, instruct the CAS operator to activate the PEAS button.
7. If conditions warrant the use of Message B and the State advises against the activation of PEAS, record this in the Control Room.

ESCALATION FROM
UNUSUAL ALERT/
EVENT SITE AREA

8. If Maine State Police (MSP) call to coordinate siren activities, both parties will maintain communications on the hotline while MSP activates the fixed siren system. When MSP indicates activation is complete, wait 30 seconds and reactivate the fixed siren system by inserting the key (on the PSS's key ring) in the PEAS encoder located in CAS (make sure encoder is plugged in), turn the key to ON and push the ACTIVATE button. If you do not hear a set of tones after pushing the ACTIVATE button, repeat the above steps for activation. Contact the gatehouse to have someone verify siren activation; if not verified, repeat activation.
- R 9. If the Emergency Coordinator is not on site, have the Shift Engineer make the following notifications of the escalation:
 - a) NRC on the Emergency Notification System (Red Phone). Maintain the open communications channel on this line. This channel will be closed only when allowed to do so by the NRC.
 - b) C.E.P. (Black Hotline Phone).
 - c) Maine Yankee Nuclear Support Division.
 - d) Yankee Nuclear Support Division.
- R 10. If the Emergency Coordinator is on site, check to assure that he has made or will make the notifications in Step 9.
11. Account for duty shift personnel. Give the names to the Gatehouse.

Appendix A-1

INITIAL/TIME

12. Assure that all personnel returning to the Control Room from assignments in the plant check their dosimetry. Report any offscale or high exposures to the EOF. _____/_____
13. Request assistance of outside agencies (fire, law enforcement, or medical rescue personnel) as needed to deal with the event (refer to Procedure 2.50.17, "Emergency Notification"):
- a. Fire
 - b. Medical
 - c. Law Enforcement (in conjunction with the Shift Security Supervisor).
14. Together with Plant Management, the Emergency Coordinator, the Shift Engineer, and the Technical Support Center Coordinator, re-evaluate the emergency classification to see if conditions warrant de-escalation of the classification. _____/_____
15. If conditions warrant de-escalation, assure the following takes place:
- a. Notify plant personnel of de-escalation to Site Area, Alert, Unusual Event, or a Non-Emergency Status, whichever applies. _____/_____
 - b. Notify the CMP dispatcher of the de-escalation. _____/_____
 - c. Review the applicable procedure to see if all the necessary functions are being maintained. _____/_____
16. If shift turnover is required, brief incoming Operations personnel on accident proceedings prior to relinquishing control. _____/_____
17. Summarize all actions and results in the Operations Log either when a shift has been completed or when the emergency has terminated. _____/_____
18. When escalating to a General Emergency from an Alert or Site Area Emergency, assure that the following actions have been completed
- a) The Emergency Coordinator is on site and has assumed the duties of Emergency Coordinator. _____/_____

Appendix A-1

INITIAL/TIME

- b) All notification and off-site phone contacts, except for the State Police (White Phone) contacts, are being made from the EOF. _____/_____
- c) All Emergency Centers are activated. _____/_____
- d) Plant staff have evacuated to the Staff Building and are accounted for. _____/_____
- e) All required agencies and organizations have been made aware that the plant was in an Alert or Site Area Emergency. _____/_____

SUBSEQUENT ACTIONS

NOTE: Assure that an accurate log, including the time, of all events, actions, notifications and phone calls is being maintained.

1. Off-site phone communications will be handled from the EOF when it is staffed.
2. Notify the CMP dispatcher, via microwave, who will in turn notify M.Y. Corporate Management and Public Affairs and Information Service.
3. Establish contact with the TSC and OSC if escalating from an Unusual Event. _____/_____

NOTE: If the EOF has not set up for off-site dose evaluation, estimate the off-site dose using the radiation monitors and the computer or the nomograms in the Control Room. Refer to Procedure 2.50.10, "Evaluation of Radiological Data."

4. Maintain contact with the TSC and OSC if escalating from an Alert or Site Area. _____/_____
5. If escalating from an Alert or Site Area Emergency, personnel accountability has been completed. If you should lose contact with any personnel in the plant, report his name and his possible location to the EOF. _____/_____

APPENDIX B

GENERAL - PLANT MANAGER

This Appendix applies in all cases, initial declaration of a General Emergency or in an escalation to a General Emergency from a lower category emergency.

REQUIRED ACTIONS

- R 1. Assess the situation based on information supplied by the Plant Shift Superintendent or the Emergency Coordinator and report to the plant.

NOTE: The Plant Manager is not assigned to any particular center, as he is responsible for overall direction of emergency response.

NOTE: In the absence of the Plant Manager the following individuals, in the order listed, are designated as his alternate:

Assistant Plant Manager (one of the Department Heads is permanently designated)
Operations Department Head
Technical Support Department Head
On-Duty Plant Shift Superintendent

SUBSEQUENT ACTIONS

1. Assure continuity of resources (technical, administrative, and material) on a 24-hour basis as required.
2. Act as liaison between plant and corporate headquarters for the generation of public information releases.
3. Inform M.Y. Corporate Management when additional resources are required to augment plant resources (Combustion Engineering, Stone & Webster and other contracted services). Request activation and assistance of those resources using Emergency Procedure 2.50.17 for phone numbers and contact information.
4. Inform M.Y. Nuclear Support Division when Yankee Nuclear Service Division support other than the Site Response group is required.
5. Periodically review emergency classification with Emergency Coordinator and Shift Engineer and adjust if conditions warrant such action.

6. Direct the emergency organization until such time that the emergency condition has been terminated.

NOTE: Notify plant staff, corporate office and other emergency resources if the emergency condition requires a transition to a recovery phase.

7. Direct plant action during the recovery phase, when applicable.
8. Close out the event by summarizing details and actions with appropriate offsite authorities:
 - A. Nuclear Regulatory Commission.
 - B. State of Maine.
 - C. Federal Emergency Management Agency.

APPENDIX C

R

GENERAL EMERGENCY - EMERGENCY COORDINATOR

When the initial emergency declaration is a General Emergency.

REQUIRED ACTIONS

INITIAL/TIME

- R 1. Assume the functions of Emergency Coordinator at the Emergency Operations Facility. _____/_____

NOTE: The Emergency Coordinator, when notified, will assume the position of Emergency Coordinator and continue in this position until relieved.

- R 2. Notify Plant Management. _____/_____

NOTE: On back shifts and weekends the Plant Shift Superintendent will notify the Emergency Coordinator and brief him on plant conditions.

- R 3. Augment the duty staff, during back shifts and weekends, by notifying one person from each of the group call lists Procedure 2.50.17, "Emergency Notification":

NOTE: Assure that the person contacted has a call list available so that he may continue notifications. Instruct the person contacted to give top priority to the notification of offsite monitoring team personnel.

4. Report to the Emergency Operations Facility (EOF), located in the lower level of the Staff Building. _____/_____

5. During normal working hours contact the Operations Support Center for Radiological Controls and Chemistry personnel. _____/_____

6. Check with the Control Room to see if all notifications (NRC, State, and MY Corporate) have been made. If any calls have not been made, instruct the Control Room that the call will be made from the EOF (except calls to Maine State Police). _____/_____

Appendix C

- | | | <u>INITIAL/TIME</u> |
|------|--|---------------------|
| R 7. | Contact the Offsite Dosimetry Assistants and assign them to Local Emergency Centers. Use procedure 2.50.17, "Emergency Notification," for the names and phone numbers of qualified personnel. | |
| 8. | Get updated conditions from the Plant Shift Superintendent and the Shift Engineer and confirm or re-evaluate the emergency classification using Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," criteria. | ____/____ |
| | <u>NOTE:</u> Assure that an accurate log, including the time, of all events, actions and phone calls is being maintained. | |
| 9. | Assure a communications aide has been assigned to log events and take phone messages. | |
| 10. | If conditions warrant a de-escalation or termination, go to Step 37. | ____/____ |
| 11. | Contact the Plant Shift Superintendent and obtain a plant status report and the current meteorological conditions. | ____/____ |
| 12. | Direct qualified emergency personnel to conduct a Staff Building habitability determination using Appendix H. | ____/____ |
| 13. | If it is determined that the center may become uninhabitable, initiate planning for evacuation of center and moving to the alternate center. The following actions should be taken: | |
| | a. Notify Security of the possibility of the move. | ____/____ |
| | b. Have available transportation alerted and ready to pick up personnel and equipment. | ____/____ |
| | c. Assemble all required equipment (emergency kits, radio, nomograms, dosimeter racks, counting equipment, etc.) for quick transport to the alternate center. | ____/____ |
| | d. Notify any offsite teams in the field of the possibility of a move. | ____/____ |

Appendix C

- e. Dispatch several personnel to prepare the alternate EOF for use. Include a qualified Emergency Coordinator, if available.

INITIAL/TIME

_____/____

NOTE: The alternate EOF is located at the MY Corporate Offices at Court Street in Augusta. The alternate Staging Area for standby personnel is the CMP Newcastle District Office located 5 miles northeast on Route 1.

14. If it is determined that the center is uninhabitable, initiate the movement of personnel and equipment to the alternate center. Inform Security, offsite monitoring teams and the State EOC of a move.
15. Assign the following emergency duties to appropriate qualified personnel as they arrive at the EOF:

_____/____

Name of Individual

Coordinator's Assistant
 Communications Assistant
 Radiological Evaluation Assistant
 Manpower and Planning Assistant

16. Contact the Gatehouse or the Security Center in the Staff Building (if the key card rack has been moved there) to see if any personnel are unaccounted for.
17. Check with each center (TSC and OSC) to see if the missing person is in the Staff Center.
18. Check with the Control Room to see if they have any information on the missing person.
19. Initiate a search and rescue effort from the OSC if personnel cannot be located.
20. Check with the Control Room to assure that habitability has been established.
21. Check with plant Security to assure that site access and control measures have been taken, Procedure 2.50.9, "Security Force Radiation Emergency Plan."

_____/____

_____/____

_____/____

_____/____

Appendix C

INITIAL/TIME

22. Establish contact with and brief the following outside agencies that will report to the EOF:

NOTE: Briefings may be assigned to the Coordinator's Assistant.

	<u>Name</u>	<u>Initial/Time</u>
NRC	_____	____/____
Maine Div. of Health Eng.	_____	____/____
Maine State Police	_____	____/____
Maine Civil Emerg. Prep.	_____	____/____

NOTE: Inform members of the above agencies of current dose rate projections, plant conditions, field sample results and recommendations concerning emergency actions.

23. If representatives of the above agencies are not present at the EOF, communication is maintained with these agencies via the hotlines to:

Contact Established

State C.E.P. EOF (Hotline)

____/____

NRC (Red Phone)

____/____

24. Review the following forms for accuracy and completeness before approving them for transmission to the State EOC via the hot line:

- a) Form 1 Plant Status
- b) Form 2 Release Data
- c) Form 3 Meteorology
- d) Form 4 Projected Doses
- e) Form X "Off-site Survey Report"
- f) Form Y Primary Vent Stack Data
- g) Protective Action Procedure 2.50.16, Form 1

25. Assure that the Communications Assistant has assigned a person to maintain a continuously updated status board.
26. Read the information on the status board aloud to the staff members in the EOF. This should be done at approximately one hour intervals.

Appendix C

- INITIAL/TIME
27. Notify the EOF staff, as soon as possible, of all emergency escalations, protective action recommendations and state protective measure decisions.
 28. The following Yankee Nuclear Service Division personnel will report to the EOF for assignments to augment plant personnel:

	<u>Assigned To</u>	<u>Name</u>	
Systems Engineer	TSC	_____	____/____
Safety Analysis Engineer	TSC	_____	____/____
Radiological Engineer	TSC	_____	____/____
Radiation Protection Engineer	EOF	_____	____/____
Emergency Plan Engineer	EOF	_____	____/____
Yankee Environmental Lab Staff	EOF	_____	____/____

29. Check to see if the Recovery Manager has been designated and if he is on site. Record his name and time on site.

_____ NAME	_____ ON SITE AT TIME
---------------	--------------------------

30. If on site, keep the Recovery Manager updated on all major events and decisions. Inform the TSC and Control Room that the Recovery Manager (give his name) is on site.
31. When contacted by Yankee Engineering Support Staff, provide a radiological status report, and request any required assistance. _____/_____
32. If there are injured personnel, provide first aid treatment and prepare the patient(s) for transfer to the Bath Hospital by the local ambulance service, 882-7878 or, if unavailable, use the Company or private station wagon. (See Emergency Procedure 2.50.8.)

NOTE: Contact Dr. Keating or his alternate (443-4471).

NOTE: Provide the Bath Hospital (443-5524) with the following information before a patient arrives at the hospital.

Appendix C

INITIAL/TIME

1. Number of accident victims (and whether they are radioactively contaminated).
2. Nature of medical problem of each.
3. Magnitude of radiation aspect, if applicable.
4. Anticipated time of arrival at the hospital.
5. Who will accompany patients.

Transfer the patient(s) to the ambulance or station wagon. If the patient is contaminated, assign a Rad Controls representative to accompany them to the hospital to maintain radiological controls.

33. Notify Rad Controls of the arrival of any aid and assistance personnel so that they may prepare the necessary badging. _____/_____
34. Check that the Manpower and Planning assistant has prepared to supplement plant manpower as may be dictated by emergency management. _____/_____
35. Check that the Manpower and Planning Assistant has scheduled personnel for shift turnover and relief. Evaluate current exposure totals as an aid in determining personnel needing relief. Refer to Procedure 2.50.14 for guidance. _____/_____
36. Assure that the EOF remains active and adequately manned and supplied for the duration of the event. _____/_____
- R 37. Notify American Nuclear Insurers. (See Procedure 2.50.17). _____/_____
38. Periodically confer with the Plant Manager or his alternate, the Plant Shift Superintendent and the Technical Support Center staff concerning the emergency classification. _____/_____

Appendix C

39. If the General Emergency Condition has been brought under control and plant conditions have stabilized to the satisfaction of the Plant Manager or his alternate, the Plant Shift Superintendent, the Emergency Coordinator, the Technical Support Center Coordinator, the Shift Engineer, and the Recovery Manager if on site, then de-escalation to a lower classification emergency should be made. _____/_____
- a) If de-escalation is to a Site Area Emergency, go to Appendix C-2 of Procedure 2.50.3, "Site Area Emergency". _____/_____
- b) If de-escalation is to an Alert, go to Appendix C-2 of Procedure 2.50.2, "Alert". _____/_____
- c) If de-escalation is to an Unusual Event or a non-emergency status, go to Procedure 2.50.1, "Unusual Event". _____/_____
- d) Ensure that corporate support groups notify any requested industry groups of this close-out. _____/_____
- e) Coordinate the restoration of emergency equipment to its original state. _____/_____
- f) Assist the Plant Manager in coordinating a recovery phase, if applicable. _____/_____
40. Confer with the Recovery Manager on the necessary actions required to initiate recovery operations. _____/_____

APPENDIX C-1

R

GENERAL EMERGENCY - EMERGENCY COORDINATOR

Escalation to a General Emergency from an Unusual Event, Alert, or Site Area Emergency.

INITIAL CONDITIONS

1. Escalation from an Unusual Event:

R

- a. The Emergency Coordinator may be onsite or he may be on standby at a phone.
- b. None of the emergency centers is activated.
- c. During normal work days the plant staff are onsite and visitors and contractors have been evacuated to the Staff Building.
- d. The NRC, the State, and M.Y. Nuclear Service Division, have been notified of the Unusual Event. Yankee Nuclear Service Division and the American Nuclear Insurers have not received any notification.

NOTE: When escalating from an Unusual Event use Appendix V on page 24 of this Procedure.

R 2. Escalating from an Alert or Site Area Emergency:

- a. The Emergency Coordinator is on site and has assumed his Emergency Coordinator's duties. All notifications and offsite phone contacts are being made from the EOF.
 - b. All emergency centers are activated.
 - c. During normal work days all the plant staff with no emergency duties have been evacuated to the Information Center.
3. All required agencies and organizations have been notified that the plant was in an Alert or Site Area Emergency.

REQUIRED ACTIONS:

1. Check that the Control Room has announced the General Emergency condition over the FEMCO.

INITIAL/TIME

_____/____

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INITIAL/TIME

2. Notify the NRC of the escalation over the Red Phone. Maintain the open communications channel on this line. This channel will be closed only when allowed to do so by the NRC. _____/_____
3. Check that the PSS has notified the State Police using the hotline (White Phone). _____/_____
4. Check with the Control Room to see if the Maine State Police (MSP) and the PSS have coordinated the activation of the fixed siren system. _____/_____
5. Notify Maine Yankee Nuclear Support Division of the escalation to a General Emergency. _____/_____
6. Notify Yankee Nuclear Services Division of the escalation to a General Emergency. _____/_____
7. Notify Civil Emergency Preparedness of the escalation using the hotline in the EOF. _____/_____
8. Confirm that all centers in the Staff Building are aware of the escalation.
9. Consider briefing all agencies in Staff Building on escalation.
10. Have the Manpower Coordinator check the manpower requirements of all emergency centers and call in extra personnel as required. _____/_____
11. Get updated conditions from the Plant Shift Superintendent and the Shift Technical Advisor and confirm or re-evaluate the emergency classification using Procedure 2.50.0, "Declaration and Categorization of Emergency Condition," criteria. _____/_____
12. If after consultation with Plant Management, the Plant Superintendent, the Shift Engineer and the Technical Support Center Coordinator it is determined that conditions warrant a de-escalation, go to step 37. _____/_____
13. Confirm that Offsite Dosimetry Assistants have been assigned to Local Emergency Operating Centers. _____/_____
14. Maintain contact with the Control Room, Technical Support Center, and the Operations Support Center. _____/_____
15. Assure the habitability determinations are being made in the Staff Building Centers and the Control Room. _____/_____

Appendix C-1

- | | <u>INITIALS/TIME</u> |
|--|----------------------|
| 16. If it is determined that the EOF may become uninhabitable, initiate planning for evacuation of the center and moving to the alternate center. The following actions should be taken: | ____/____ |
| a. Notify Security of the possibility of a move. | ____/____ |
| b. Have available transportation alerted and ready to pick up personnel and equipment. | ____/____ |
| c. Assemble all required equipment (Emergency Kits, radio, nomograms, dosimeter racks, counting equipment, etc.) for quick transport to the alternate center. | ____/____ |
| d. Notify any offsite teams in the field of the move. | ____/____ |
| e. Dispatch several personnel to prepare the alternate EOF for use. Include a qualified Emergency Coordinator, if available. | ____/____ |
| 17. If it is determined that the center is uninhabitable, initiate the movement of personnel and equipment to the alternate EOF. Inform Security, Offsite Monitoring Teams and the State EOC of the move. | ____/____ |
| <u>NOTE:</u> The alternate EOF is located at the offices at Court Street in Augusta. The alternate staging area for standby personnel is the CMP Newcastle District Office located 5 miles northeast on Route 1. | |
| 18. Personnel accountability has been performed. Assure that the Manpower Coordinator is being kept informed of all personnel entering and leaving the site. | ____/____ |
| 19. Check with Security to assure that site access and control measures have been taken. | ____/____ |
| 20. Assure that the communications aide is maintaining an updated log of all events, decisions and phone calls. | ____/____ |
| 21. Assure that a person has been assigned to keep the the status board updated. | ____/____ |
| 22. Read the information on the status board aloud to staff members in the EOF. This should be done at approximately one hour intervals. | ____/____ |

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23. Notify the EOF staff as soon as possible of all emergency escalation, protective action recommendations and state protective measures decisions. _____/_____
24. Establish contact with and brief (you may assign the Asst. Coordinator to brief) the following outside agencies that will report to the EOF. _____/_____

NAME

NRC _____/_____

Maine Div. of Health/Engineering _____/_____

Maine State Police _____/_____

Maine Civil Emerg. Prep. _____/_____

NOTE: Inform members of the above agencies of current dose rate projections, plant conditions, field sample results, and recommendations concerning emergency actions.

25. If representatives of the above agencies are not present at the EOF, communication is maintained with these agencies via the dedicated phones to:

State (Hotline) _____/_____

NRC Red Phone _____/_____

26. Review the following forms for accuracy and completeness before approving them for transmission to the State EOC via the hotline:

- a) Form 1 Plant Status
- b) Form 2 Release Data
- c) Form 3 Meteorology
- d) Form 4 Projected Doses
- e) Form X "Off-site Survey Report"
- f) Form Y Primary Vent Stack Data
- g) Protective Action Procedure 2.50.16, Form 1

Appendix C-1

INITIAL/TIME

27. The following Yankee Nuclear Service Division personnel will report to the EOF for assignments to augment plant personnel:

	ASSIGNED TO	NAME	
Systems Engineer	TSC	_____	_____/____
Safety Analysis Engineer	TSC	_____	_____/____
Radiological Engineer	TSC	_____	_____/____
Radiation Protection Engineer	EOF	_____	_____/____
Emergency Plan Engineer	EOF	_____	_____/____
Yankee Environmental Lab Staff	EOF	_____	_____/____

28. When contacted by Yankee Engineering Support Staff, provide radiological status reports, and request any required assistance. _____/_____
29. Notify Rad Controls of the arrival of any aid and assistance personnel so that they may prepare the necessary badging. _____/_____
30. If there are injured personnel, provide first aid treatment and prepare the patient(s) for transfer to the Bath Hospital by the local ambulance service, ~~XXXXXX~~ or, if unavailable, use the Company or private station wagon. (See Emergency Procedure 2.50.8).

NOTE: Contact Dr. Keating or his alternate (~~XXXXXX~~).

NOTE: Provide the Bath Hospital (~~XXXXXX~~) with the following information before a patient arrives at the hospital.

1. Number of accident victims (and whether they are radioactively contaminated).
2. Nature of medical problem of each.
3. Magnitude of radiation aspect, if applicable.
4. Anticipated time of arrival at the hospital.

Appendix C-1

INITIAL/TIME

5. Who will accompany patients.

Transfer the patient(s) to the ambulance or station wagon. If the patient is contaminated, assign a Rad Controls representative to accompany them to the hospital to maintain radiological controls.

31. Check to see if the Recovery Manager has been designated and if he is on site. Record name and time on site.

NAMETIME

32. If the Recovery Manager is on site, keep him updated on all major events and decisions. Inform the TSC and Control Room that the Recovery Manager (gives his name) is on site.
33. Check that the Manpower and Planning Assistant has scheduled personnel for shift turnover and relief. Evaluate current exposure totals as an aid in determining personnel needing relief. Refer to Procedure 2.50.14 for guidance.
34. Ensure that the EOF remains active and adequately manned and supplied for the duration of the event.
35. Notify American Nuclear Insurers of the escalation to a General Emergency. (See Procedure 2.50.17).
36. Periodically confer with the Plant Manager or his alternate, the Plant Shift Superintendent and Technical Support Center staff concerning the emergency classification.
37. If the General Emergency condition has been brought under control and plant conditions have stabilized to the satisfaction of the Plant Manager or his alternate, the Plant Shift Superintendent, the Emergency Coordinator, the Technical Support Center, the Shift Engineer, and the Recovery Manager if on site, then de-escalation to a lower classification emergency should be made.

____/____

____/____

____/____

____/____

____/____

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INITIAL/TIME

- a) If de-escalation is to a Site Area Emergency, go to Appendix C-2 of Procedure 2.50.3, "Site Area Emergency".
 - b) If de-escalation is to an Alert, go to Appendix C-2 of Procedure 2.50.2 "Alert".
 - c) If de-escalation is to an Unusual Event or a non-emergency condition, go to Appendix C of Procedure 2.50.1, "Notification of Unusual Event".
38. Confer with the Recovery manager on the necessary actions required to initiate recovery operations.

____/____

____/____

____/____

____/____

APPENDIX D

GENERAL EMERGENCY - RADIOLOGICAL EVALUATION ASSISTANT

This Appendix applies when the initial classification is a General Emergency and when we are escalating to a General Emergency from an Unusual Event.

When we are escalating to a General Emergency from an Alert or Site Area Emergency, the following actions will have been initiated. Review them to assure that all functions are being maintained.

REQUIRED ACTIONS

INITIAL/TIME

1. Assign a Radiological Controls Supervisor to direct the Radiological Protection (RP) activities being run from the Operations Support Center.

NAME

_____/____

2. Assign a Radiological Controls Specialist or other qualified person to direct the implementation of Procedure 2.50.10, "Evaluation of Radiological Data". His functions are outlined in Step 17.

NAME

_____/____

3. Assign a Radiological Controls Specialist or other qualified person to direct offsite sample coordination. His functions are outlined in Step 18.

NAME

_____/____

4. Assign a Radiological Controls Specialist or other qualified person to direct the on-site radiological monitoring. His functions are outlined in Step 19.

NAME

_____/____

5. If conditions warrant such action, determine the affected area downwind and confer with the Emergency Coordinator as to which sample locations the offsite monitoring teams should be dispatched.

_____/____

6. Direct the Sample Coordinator to dispatch his teams to the appropriate sample locations.

_____/____

Appendix D

INITIAL/TIME

7. Obtain the latest weather forecast to prepare for any predicted changes in meteorological information. Use the Weather Alert radio or contact the State for the latest forecast. _____/_____
8. When a Form 1, "Plant Status" is received, complete Part II and have copies distributed and the original forwarded to the Emergency Coordinator. _____/_____
9. Review Form 2, "Release Data" when received. _____/_____
10. Review Form 3, "Meteorology" when received. _____/_____
11. Review and approve Form 4, "Projected Doses". Have copies distributed and the original forwarded to the Emergency Coordinator. _____/_____
12. Utilizing the information provided by the Radiological Data Evaluator, the information on the projected length of time of the releases, the meteorological information, and the information coming in from offsite, evaluate the projected dose commitment to the effected areas. _____/_____
13. Use Procedure 2.50.16, "Protective Action Recommendation" to determine the protective actions to be recommended to the State. _____/_____
14. Fill out Form 1 in Procedure 2.50.16 and forward to the Emergency Coordinator. _____/_____
15. Discuss all dose projections and advise the Emergency Coordinator of any required protective actions. _____/_____

Appendix D

INITIAL/TIME

16. When de-escalating from a General Emergency to lower category emergency:

- a) Review off-site monitoring team locations. Consider the downward location of the plume after the release has stopped.
- b) Review the necessity of continuing all functions.
- c) Review personnel requirements.
- d) Review personnel dose accumulation.
- e) Review environmental data and consider necessity for additional sample collection.
- f) Review radiological status of all centers.
- g) Review status of Yankee Mobile Labs.
- h) Review on-site radiological data with employees on recovery actions.
- i) Assure that any equipment, records, or logs that are returned to the E.O.F. are being properly accounted for and stored.

____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____
____/____

17. Radiological Data Evaluator

NAME

- a) Set up designated area of the EOF Command Room.
- b) Set up the computer.
- c) Remove the nomograms and maps from storage and place in their designated locations.
- d) Check out the operability of the computer terminal.
- e) Check out the operability of the meteorological data CRT.
- f) Request help from the Computer Section if systems are not working.

____/____
____/____
____/____
____/____
____/____
____/____

Appendix D

INITIAL/TIME

- g) Request that the Primary Vent Stack samples (charcoal and particulate filters) be replaced for evaluation. Make sure the filters are placed on line. _____/_____
- h) Assign additional qualified help to aid in the checking of results and the relogging of information. _____/_____
- i) Perform dose calculations using the computer and nomograms. (Procedure 2.50.10). _____/_____
- j) Complete Form 4, "Projected Doses" and forward to the Radiological Evaluation Assistant. (A computer printout may be attached to the form.)
- k) Calculate PVS releases (based on chemistry analysis) and project whole body and thyroid dose rates downwind. Transmit this information to the Radiological Evaluation Assistant using Form Y. _____/_____

18. Radiological Sample Coordinator _____

Name

- a) Select qualified personnel for offsite monitoring teams. _____/_____
- b) Form three two-man off-site monitoring teams.

Red Team _____

Name

Blue Team _____

Name

Green Team _____

Name

NOTE: Assure that each team knows its team code.

- c) Provide assistance for teams when they check out their equipment. _____/_____

Appendix D

INITIAL/TIME

- d) Dispatch off-site monitoring teams to survey locations as directed by the Radiological Evaluation Assistant as rapidly as possible.

____/____

NOTE: One team should be immediately dispatched to the nearest point in the downwind direction to confirm offsite dose projections.

- e) Review and evaluate the incoming reports from the off-site monitoring teams. Calculate offsite dose rates based on field measurements, complete Form X and transmit this data to the Radiological Evaluation Assistant.
- f) Evaluate the exposure being accumulated by the members of the off-site monitoring teams and advise them of proper protective measures to reduce exposure and personal or equipment contamination.
- g) Keep off-site teams aware of plant conditions, plume location and exposure considerations.
- h) Assign priorities for analysis of incoming sample. See Procedure 2.50.10, "Evaluation of Radiological Data."
- i) Assure that all analytical results are given to the Radiological Evaluation Assistant.
- j) Coordinate the set-up and operation of the YNSD Environmental Lab. Inform the Radiological Evaluation Assistant if the radiation levels are too high for operation at the E.O.F.

____/____

____/____

____/____

____/____

____/____

____/____

19. On Site Data Evaluator

Name

____/____

- a) Assure that plant and center habitability assessment are being made and evaluated.
- b) Direct the set-up and functioning of the radiological access and control measures at the E.O.F.
- c) Evaluate personnel contamination problems.
- d) Coordinate the set-up and operation of the Yankee Nuclear Service Division T.L.D. Lab. Inform the Radiological Evaluation Assistant if the radiation levels are too high for operation at the E.O.F.

____/____

____/____

____/____

____/____

Appendix D

INITIAL/TIME

- e) Direct personnel and equipment decontamination efforts of the E.O.F. _____/_____
- f) Assure that personnel exposure records are being updated at the E.O.F. and the information is being transferred to the Radiological Controls Supervisor at the O.S.C. _____/_____
- R g) Gather, record, and report on-site dose measurements to the Radiological Evaluation Assistant. Assure that pertinent information is added to the EOF Status Board. _____/_____
- h) Review and evaluate in plant personnel exposures with the Radiological Evaluation Assistant. Assure that exposure records are being updated. _____/_____
- i) Assist the Radiological Evaluation Assistant to:
1. Review personnel needs with the Manpower and Planning Assistant. _____/_____
2. Assure that the YNSD Environmental and T.L.D. Lab functions are being properly coordinated and utilized. _____/_____
- R 3. If it is reported that radiation levels are too high for operation of one or both of the mobile labs, notify the C.M.P. Newcastle District Office that the labs will be going there. See Procedure 2.50.17, "Emergency Notification," for the phone number and notification details. _____/_____
- R 4. Arrange for the collection of the off-site air samples and T.L.D.'s by the Environmental Personnel at the Bailey House. Refer to Procedure 2.50.17, "Emergency of Notification," for phone numbers of personnel for weekend and backshift notification. _____/_____
5. Provide constant updates of all radiological conditions to the Emergency Coordinator. _____/_____
6. Assure that all samples are being prioritized for analysis and evaluation. _____/_____
7. Assure that all samples results are being properly recorded and that completed samples are being properly stored. _____/_____
8. Assure that all rad waste is being properly stored. _____/_____

APPENDIX E

GENERAL EMERGENCY - COMMUNICATIONS ASSISTANT

This appendix applies when the initial emergency classification is a General Emergency or when we are escalating from an Unusual Event to a General Emergency. When we are escalating to a General Emergency from an Alert or a Site Area Emergency, the following actions will have been initiated. Review them to assure that all necessary functions are being maintained.

The Communications Assistant's function is to assure that all the equipment and personnel necessary to carry out the required communication functions are in place and that all information transfer and status board data are being maintained in a timely manner.

- 1.0 When the TSC, EOF and OSC are being activated assure the following actions are completed.

NOTE: All equipment and materials are located in the Emergency Plan Cabinet in the EOF. Extension phones and wall jacks are numbered. Make sure the phone and jack extension numbers are the same.

- 1.1 Set up EOF extension phones.

Emergency Coordinator	Ext.
Asst. Emergency Coordinator	Ext.
Radiological Evaluation Asst.	Ext.
Radiological Evaluation Center	Ext.

INITIAL/ TIME

_____	/	_____
_____	/	_____
_____	/	_____
_____	/	_____

- 1.2 Assure that the installed phones are in place and working.

Central Office Line (outside line) Emerg. Coord.
 Central Office Line (outside line) Rad Eval Cent
 State CEP Hotline
 NRC Red Phone

- 1.3 Set up TSC extension phones.

TSC Coordinator	Ext.
Spare	Ext.
Spare	Ext.

_____	/	_____
_____	/	_____
_____	/	_____

- 1.4 Assure that the installed phones are in place and working.

Central Office Line (outside phone)	882-7628
-------------------------------------	----------

Appendix E

INITIAL/ TIME

- 1.5 Set up the OSC extension phones.
- | | | |
|------------------|------|-----------|
| OSC Coordinator | Ext. | ____/____ |
| OSC Rad Controls | Ext. | ____/____ |
- 1.6 Assure that the Recovery Manager's phones are in place.
- | | | |
|--|------|-----------|
| Recovery Manager | Ext. | ____/____ |
| Central Office Line (outside line) | | ____/____ |
| State Governors Hotline (yellow phone) | | ____/____ |
- 2.0 Assure that a radio operator is assigned to the E-plan radio.
- 2.1 The radio operator's duties are:
- a. Maintain radio contact with off-site teams.
 - b. Maintain radio log.
- 3.0 Assure that a Recovery Manager's Information Assistant has been assigned.
- 3.1 The Recovery Manager's Information Assistant's duties are:
- a. Obtain information requested by Recovery Manager.
 - b. Transmit information as directed by Recovery Manager.
 - c. Take and record phone messages for Recovery Manager.
 - d. Assist Recovery Manager as directed.
- 4.0 Assure that a Communications Aide's is assigned to:
- 1. The EOF
 - 2. The TSC
- 4.1 The Communications Aide's duties are:
- a. Handle all incoming and outgoing communications.
 - b. Log all messages and actions.
- 5.0 Assure that a Communications Aide for the State CEP hotline is assigned.

Appendix E

INITIAL/ TIME

5.1 The Hotline Communications Aide's duties are:

- a. Transmit all approved communications to the State CEP.
- b. Receive and pass on all requests from the State CEP.
- c. Maintain all Information Forms used to pass on information to State CEP.
- d. Log all requests for information received from the State CEP.

6.0 Assure that log books, forms, pad, pencils, etc., are available at each Center. _____/_____

7.0 Assure that status boards are being updated in a timely manner. _____/_____

8.0 Assign any available unassigned personnel to assist in copying and distributing message and data forms. _____/_____

9.0 Assure that message forms for the transmission of information to the State CEP are available at the location listed below and periodically verify that they are properly filled out including date and time and routed as indicated below:

9.1 Form 1, "Plant Status", located at TSC Table

9.2 Form 2, "Release Data", located at TSC Table

Appendix E

- 9.3 Form 3, "Meteorology" located at Rad. Data Evaluator Table.
- 9.4 Form 4, "Projected Doses" located at Rad. Data Evaluator Table.
- 9.5 Form X, "Off-site Survey Report" located at Radio Operator's Station.
- 9.6 Form Y, "Primary Vent Stack Iodine Analysis" located at Rad. Evaluator Table.
- 9.7 Route as indicated on each form.
- 10.0 Check the alternate switchboard station (located at secretary's station in TSC) to see if it will be available if needed. _____/_____
- 11.0 If plant communications systems are inadequate to handle the flow of incoming and outgoing calls, notify the Emergency Coordinator and recommend alternate measures.
- 12.0 When de-escalating from a Site Area Emergency to an Alert, maintain all communication functions.
- 13.0 When de-escalating from a Site Area Emergency to an Unusual Event or non-emergency status, maintain radio communications until the Emergency Coordinator orders termination of radio contacts.

FINAL CONDITIONS

Collect all message forms, arrange them in sequential order and provide this documentation to the Emergency Coordinator.

APPENDIX F

GENERAL EMERGENCY - MANPOWER AND PLANNING ASSISTANT

This Appendix applies when the initial emergency classification is a General Emergency and when we are escalating to a General Emergency from an Unusual Event.

When we are escalating to a General Emergency from a Site Area or an Alert, the following actions will have been initiated. Review them to assure that all necessary functions are being maintained.

INITIAL/TIME

1. Set up the Manpower Station at the Plant Engineering secretary's station. _____/_____
2. Pick up the following material from the Emergency Plan Cabinet in the EOF: _____/_____
 - a. Assignment tags
 - b. Emergency Plan Rosters
 - c. Emergency Organization Chart
 - d. Labeled bumper hats
3. If possible, check in personnel and distribute name tags and hats as personnel arrive at the EOF.
4. If personnel are already in the centers, assign a manpower assistant to go to the centers and check off personnel present and distribute tags and hats.
5. Remind personnel to pick up their dosimetry.
6. Check with each center to see if they need any personnel.
7. Call in any personnel requested.
8. Maintain the Emergency Organization Chart in an up-to-date manner.
9. Review manpower requests and establish shift relief schedules after reviewing the Emergency Assignment Roster with the Emergency Coordinator or his assistant.

APPENDIX G

GENERAL EMERGENCY - COORDINATOR'S ASSISTANT

This Appendix applies when the initial emergency classification is a General Emergency and when we are escalating to a General Emergency from an Unusual Event.

When escalating from an Alert or a Site Area Emergency to a General Emergency, the following functions will have been initiated. Review them to assure that all necessary functions are being maintained.

1. Function as an aid to the Emergency Coordinator.
2. Assist the Emergency Coordinator in directing the activities of the incoming support personnel.
3. Provide periodic briefings to emergency personnel at the E.O.F.
4. Direct personnel accountability at the E.O.F.
5. Document recommendations made to off-site authorities.

APPENDIX H
RADIOLOGICAL HABITABILITY ASSESSMENT

This Appendix applies when the initial emergency classification is a General Emergency and when we are escalating to a General Emergency from an Unusual Event.

When escalating to a General Emergency from an Alert or Site Area Emergency, habitability checks will have been completed. Additional habitability checks should be made at the request of the Emergency Coordinator, the Radiological Evaluation Assistant, or the Center Coordinators.

INITIAL/TIME

1. Obtain a copy of Procedure 2.50.14, "Emergency Radiation Exposure Control". ____/____
2. Obtain a RM-14, a survey meter, and a low volume charcoal air sampler. Perform the necessary functional checks on the instrumentation. ____/____

3. Monitor conditions in the area(s) assigned:

Technical Support Center
Operational Support Center
Emergency Operations Facility
Tunnel Access

Other areas as requested by the Plant Shift Superintendent, Radiological Control Supervisor, or his alternate.

NOTE: Check pocket dosimeter readings of personnel in each center periodically.

4. Place a high range pocket dosimeter in a representative location at each center along with the third page of this appendix. ____/____
5. Using Table II in Procedure 2.50.14, assess personnel actions with respect to radiological conditions encountered. ____/____

Appendix H

INITIAL/TIME

6. Report findings and recommendations and submit to the appropriate center coordinator.

_____/____

NOTE: Additional information such as area surveys should be recorded on the reverse side of Form MY-HP-119-81.

NOTE: Start the Continuous Air Monitor located in the Staff Building. Use Procedure 9.209 for operating instruction.

NOTE: Set up air samplers in areas where they will not interfere with the conversations or movements of emergency personnel working in the centers. Since the TSC, OSC and EOF share the same filtered ventilation system, a single air sampler set up as close as possible to the ventilation discharge, should suffice unless high airborne activity is detected.

MY-HP-119-81, Rev. 1

EMERGENCY CONDITIONS RADIOLOGICAL ASSESSMENT FORM

Date _____

Location of Sampling _____

DATA

Time

Maximum Dose Rate (W.B.)

Air Sample Results: Part.

(1): Char.

Max. Contamination

Technician

- (1) From Appendix C Procedure 2.50.10 "Evaluation of Radiological Data" to evaluate thyroid dose rate. If iodine is present in the air sample confer with the Radiological Evaluation Assistant to determine the need for KI.

Recommended Action: (From sampling information and specifications in Table 1, Proc. 2.50.14, Emergency Radiation Exposure Control)

1. Continued center occupation until next survey.

2. Plan and prepare for center evacuation

Comments:

NOTE: Additional information, such as area surveys, should be recorded on the back of this form.

Dept. Head ETB
PORC PRT

Proc. No. 2.50.22
Class. A
Rev. No. 1
Issue Date 4-25-85
Review Date 4/87

2.50.22 ACTIVATION OF THE ALTERNATE EMERGENCY OPERATIONS FACILITY

1.0 DISCUSSION

The alternate EOF is located in the Central Maine Power Company offices on Court Street, Augusta, ME, approximately 25 miles north of the plant.

In the event that radiological conditions, either actual or predicted, necessitate using the alternate EOF, all equipment at the primary EOF necessary to maintain an informed functional staff will be removed to, and placed in service at the alternate EOF. The equipment will include personnel and environmental dosimetry data systems and sample counting instrumentation.

The TSC and OSC staff will be informed of the status of any decision making regarding the need to relocate and of the relocation.

2.0 OBJECTIVE

To describe the criteria for and the actions required to activate the Alternate Emergency Operations Facility (AEOF).

3.0 REFERENCES

Procedure No. 2.50.14 "Emergency Radiation Exposure Control," (Table II).

4.0 PREREQUISITES

- 4.1. The EC should dispatch an advance emergency coordination team to the alternate EOF to assume the decision-making, dose assessment, and communication functions if the primary EOF must be evacuated. The advance team will consist of the following personnel/functions:

- Emergency Coordinator - decision making
- Radiological Evaluation Assistant - dose assessment
- Communications Aides (two) - establish communications with EOF (ext.) and State EOC (telephone

NOTE: A map showing the location of the Court Street office can be found in the Emergency Plan (fig. 7.4).

- 4.2 Notify Security at the Central Maine Power Company (CMP) General Office by dialing (main number and instruct them to dispatch Security personnel to the CMP offices on Court Street to prepare for the arrival of Maine Yankee Emergency Response personnel and maintain facility access.

5.0 PROCEDURE

- R 5.1 The Emergency Coordinator shall ensure the following on-site or on-site directed groups and organizations are notified to evacuate the primary EOF to the alternate EOF in Augusta.

Recovery Manager

TSC

QSC

All Sample Collection Teams

All representatives of offsite agencies (e.g. State of Maine, NRC) in the EOF

- R 5.2 The Emergency Coordinator shall ensure notification of outside support organizations (Engineering Support Center (YNSD) Framingham, Combustion Engineering, INPO) of the evacuation.
- 5.3 The Radio Operator in the EOF shall report to the Control Room and maintain communication with the offsite monitoring teams.
- 5.4 The CEP Hotline operator shall report to the control room to establish communications with the AEOF.
- R 5.5 Upon notification that the previously dispatched advance group is functioning from the AEOF, the EC shall transfer his functional responsibility to the qualified Emergency Coordinator at the Alternate EOF while the Primary Emergency Coordinator is in transit.
- 5.6 The EOF staff, under the direction of the Emergency Coordinator will transport all necessary equipment (see Attachment A) to the alternate EOF.

5.0 FINAL CONDITIONS

The EOF staff and all necessary equipment and supplies have been relocated to the alternate EOF.

EQUIPMENT RELOCATION LIST

1. SAM II gamma spectrometer and shielding
- R 2. Environmental TLD reader and annealing oven (these items located at the Bailey House)
- R 3. Extra environmental TLDs, TLD holders and packaging supplies (these items located at the Bailey House)
4. All personnel dosimeters
5. EOF copy of:
 - Emergency Plan Implementing Procedures
 - Telephone Directories
 - Log Books
 - Data Forms
 - All Completed Documentation
6. Survey meters and supplies necessary to replenish the offsite monitoring teams.
7. Survey meters and supplies to ensure that AEOF is kept free of contamination.



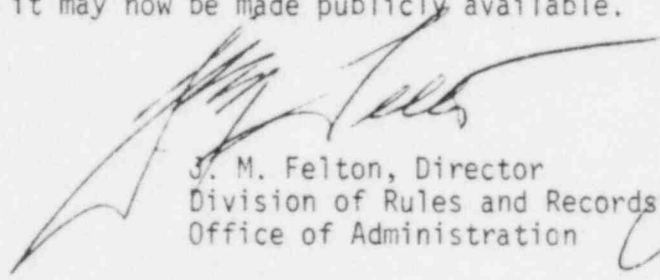
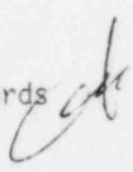
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 8, 1985

50-309 Maine Yankee

MEMORANDUM FOR: Chief, Document Management Branch, TIDC
FROM: Director, Division of Rules and Records, ADM
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.


J. M. Felton, Director
Division of Rules and Records
Office of Administration 

Attachment: As stated

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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SUBJECT: Central Files version of revised emergency plan
 implementing procedures, including Rev 10 to 2.50.17 re
 emergency notification, Rev 8 to 2.50.1 re unusual event &
 Rev 8 to 2.50.2 re alert, withheld.

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