

Dept. Sup'v. 11  
Plt. Sup't. 11  
PORC 11  
Mgr. of Ops. 11

Proc. No. 2.50.1  
Class. A  
Rev. No. 5  
Issue Date 1-30-76  
Review Date 1-30-78

D.C.H.

## 2.50.1 LOCAL EMERGENCY PLAN EMERGENCY PROCEDURE

### 1.0 DISCUSSION

A local emergency exists upon the discovery of any condition(s) which could affect the safety of personnel or equipment. The decision to declare a local emergency rests with the senior member of the assigned operating shift present in the control room at the time the emergency condition is reported.

R A local emergency is defined as an emergency contained within one building or controlled area extending to the plant security fence. If the emergency condition extends beyond the plant security fence (radiation levels  $\geq 2$  mrem/hr and/or airborne concentration  $\geq$  MPC (1) at the plant security fence) it must be considered a Site Emergency and the procedures outlined in 2.50.2 must be followed.

R Under Local Emergency Conditions, evacuation of the plant is not anticipated, although selective evacuation or isolation of certain plant areas may be necessary.

### 2.0 OBJECTIVE

To outline the actions required of plant personnel in the event that a Local Emergency is declared.

### 3.0 SYMPTOMS

R A local emergency exists upon the discovery of any condition(s) which could affect the safety of personnel or equipment and is contained within one building or controlled area extending to the plant security fence. The discovery may be by personnel in the area of the emergency condition, and/or by control room operators from instrumentation readouts and/or alarms.

### 4.0 IMMEDIATE ACTION

4.1 Persons discovering the emergency condition shall immediately notify the control room by the most expeditious means available.

4.2 Control room personnel sound a ten second blast of the emergency alarm and make the following announcement on the plant page system:

"Local Emergency, Local Emergency, Local Emergency"

"There is a What in/at Where "

"All office personnel and visitors assemble at the Information Center and await further instructions".

"This is not a drill"

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- 4.3 Repeat the above announcement.
- 4.4 Control room personnel place the plant in a safe condition as the emergency warrants.
- 4.5 Persons in the immediate area of the emergency condition take appropriate action to limit the extent of the incident with available means, to the extent possible; then retreat to a safe location and await assistance.
- 4.6 All non-shift operators, including the Operation Supervisor, report to the control room to render assistance.
- 4.7 All Chemistry and Health Physics personnel on site will pick up portable survey instruments and establish radiation dose rates on site and report to the Plant Emergency Director.

## 5.0 SUBSEQUENT ACTION

### 5.1 Plant Emergency Director

- 5.1.1 Designate personnel to proceed to the scene of the emergency with the necessary equipment to meet the emergency. These persons will evaluate the extent and magnitude of the emergency, determine if radiation hazards are involved and report findings to the control room.
- 5.1.2 Direct the actions necessary to bring the emergency under control.
- 5.1.3 Request assistance of additional plant personnel as required.
- 5.1.4 Notify the following members of plant management if the incident occurs during off-hours, weekends or holidays:
  - 1. Plant Superintendent
  - 2. Plant Health Physicist
  - 3. Chemistry Health Physics Supervisor
  - 4. Assistant Plant Superintendent
  - 5. Operations Supervisor
  - 6. Technical Assistant to Plant Superintendent
  - 7. Other Department Heads as applicable

### 5.2 Emergency Coordinator

- 5.2.1 Proceed to the Main Control Room and evaluate local emergency for the possibility of becoming a Site Emergency.
- 5.2.2 Notify Manager of Operations at Westboro of the local emergency conditions.
- 5.2.3 The Emergency Coordinator will brief personnel in the assembly area of the conditions of the emergency.
- 5.2.4 If there are injured personnel, assign the Senior Medical representative to administer first aid and prepare the patient for transfer to the Bath Hospital if hospitalization is required. (See Emergency Procedure 2.50.8).

R 5.2.5 Provide the Bath Hospital (telephone 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.

R 5.2.6 Transfer the patient(s) and Ambulance Emergency Kit (located in the Gate House) to the company station wagon. Assign a Health Physics representative to accompany them to the hospital to maintain radiological controls, if the patient is contaminated.

### 5.3 Other Plant Personnel

R 5.3.1 Report to their respective department area. The Department Supervisor will account for their personnel and report to the Emergency Director.

## 6.0 FINAL CONDITIONS

6.1 When emergency conditions no longer exist, the plant Emergency Director will announce on the plant page system that the emergency is ended and the plant is returning to normal operating conditions.

R 6.2 If the emergency kits were opened, direct that an emergency equipment readiness check be conducted.

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*A.C.H.*

## 2.50. SITE EMERGENCY PLAN EMERGENCY PROCEDURE

### 1.0 DISCUSSION

R 1.1 A Site Emergency is defined as an emergency with radiation levels extending beyond the plant security fence (i.e. dose rates  $\geq 2$  mrem/hr), but resulting in radiation levels of less than 10 mrem/hr at the site boundary; or

Airborne concentration extending beyond the plant security fence (i.e. airborne concentrations  $\geq$  MPC<sup>(1)</sup>) but resulting in concentrations of less than 10 x MPC at the site boundary.

R 1.2 If the conditions at the site boundary exceed 10 mrem/hr or 10 x MPC or is anticipated that either level may be exceeded, it must be considered a General Emergency and the procedures outlined in 2.50.3 must be followed.

R 1.3 The decision to declare a site emergency rests with the senior member of the assigned operating shift present in the control room at the time of the emergency conditions.

### 2.0 OBJECTIVE

To outline the actions required of plant personnel in the event that a Site Emergency is declared.

### 3.0 SYMPTOMS

3.1 A site emergency may be identified by one of the following:

R 3.1.1 Any abnormally high radiation level or airborne concentration on site (i.e. dose rates  $> 2$  mrem/hr and/or airborne concentration  $> MPC$  at the plant security fence, but  $< 10$  mrem/hr or  $< 10 \times MPC$  at the site boundary that is due to an emergency condition that can not be readily corrected.

R 3.1.2 Indications on plant instrumentation readouts and/or alarms located in the control room which may result in a site emergency.

3.1.3 A local emergency which exceeds, or threatens to exceed, the limits of the plant security fence.

### 4.0 IMMEDIATE ACTION

4.1 Persons discovering the emergency condition shall immediately notify the control room by the most expeditious means available.

4.2 Control room personnel sound a ten second blast of the emergency alarm and make the following announcement on the plant page system:

(1) 10CFR20, Appendix B, Table II, Column 1, Maximum Permissible Concentration.

"Site Emergency, Site Emergency, Site Emergency".

R "There is a \_\_\_\_\_ in/at \_\_\_\_\_".  
What Where

"All office personnel, visitors, contractors and non-essential personnel assemble at the Information Center and await further instruction".

"This is not a drill".

4.3 Repeat the above announcement.

4.4 Control Room personnel shall place the plant in a safe condition as the emergency warrants.

R 4.5 Notify the Maine State Police of the Site Emergency by using the State Police Radio in the Main Control Room. Make the following statement:

"This is First Name, Last Name, Plant Emergency Director, Maine Yankee Atomic Power Company. We are alerting you that a Site Emergency exists at the Maine Yankee Plant. At this time there is no indication that the Site Emergency will develop into a General Emergency. Please place the State of Maine Emergency Plan in an "increased readiness state" should the Site Emergency develop into a General Emergency".

4.6 Persons in the immediate area of the emergency condition take appropriate action to limit the extent of the incident with available means, to the extent possible; then retreat to a safe location and await assistance.

4.7 All non-shift operators, including the Operations Supervisor, report to the control room to render assistance.

R 4.8 All chemistry and health physics personnel on site will report to the Health Physics Checkpoint. Three individuals from chemistry and health group will conduct a site survey and report the results to the Plant Emergency Director. (Forms to complete this survey are located in the Health Physics Checkpoint). If plant evacuation is required, take all portable radiation monitoring equipment to the Emergency Coordination Center.

R 4.9 All other plant personnel report to their respective department area. The department supervisor will account for their respective personnel and report to the Plant Emergency Director.

## 5.0 SUBSEQUENT ACTION

### 5.1 Plant Emergency Director

5.1.1 Evaluate the emergency and, as quickly as possible, determine if the incident is causing a release of activity to the site and could result in a general emergency.

- R 5.1.2 Direct the actions necessary to bring the emergency under control.
- R 5.1.3 Designate personnel to proceed to the scene of the emergency with monitoring equipment. These person(s) evaluate the extent and magnitude of the emergency, determine if radiation hazards are involved and report findings to the main control room.
- R 5.1.4 Direct a security guard to make a visual check of the badge racks to determine what personnel other than the plant staff are on site and to inform the Emergency Coordinator. When notified by Emergency Coordinator of person(s) missing, the plant Emergency Director will take the following actions.
- 1) Call for missing person(s) over Plant Page System to contact control room.
  - 2) Question Auxiliary Operators as to possible location of missing person(s).
  - 3) If sufficient operators are available, commence search for missing person(s) ensuring that the team complies with Emergency Procedure 2.50.7.
  - 4) If operators are not available, notify the Emergency Coordinator and request on-site assistance to search for missing person(s).
- R 5.1.5 Notify the following members of plant management if the incident occurs during off-hours, weekends or holidays.
- 1) Plant Superintendent
  - 2) Health Physicist
  - 3) Chemistry and Health Physics Supervisor
  - 4) Assistant Plant Superintendent
  - 5) Operations Supervisor
  - 6) Technical Assistant to Plant Superintendent
  - 7) Other Department Heads as applicable
- R 5.1.6 Evaluate Site radiological conditions. If evacuation is required, sound a ten second blast of the emergency alarm and make the following announcement on the plant page system:
- "All personnel evacuate the plant to the Information Center or Eaton Farm depending on wind direction".

Repeat announcement.

## 5.2 Emergency Coordinator

5.2.1 Proceed to and take charge of the emergency coordination center.

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NOTE: During normal working hours the Emergency Coordinator will make the decision to use the Emergency Assignment Tag Board.

5.2.2 Determine if the assembly point is in a safe area through the use of portable survey instruments.

R

5.2.3 If the incident occurs during off-working hours, weekends or holidays notify all department heads and emergency assistance personnel to report to the Emergency Coordination Center and pick up tags from the Emergency Tag Board and perform functions listed on tags.

R

5.2.4 Contact main control room and request evaluation of plant conditions and current meteorology data from the Plant Emergency Director.

R

5.2.5 Account for all plant personnel and visitors. If personnel are missing, the following steps will be taken:

- 1) Notify Plant Emergency Director of missing personnel.
- 2) Question department supervisors and co-workers as to where missing person(s) were last working.
- 3) Report location of missing person(s) to Plant Emergency Director if known.

R

5.2.6 Contact security personnel to establish a barricade to restrict access to the site.

R

5.2.7 Direct the survey of all personnel for contamination and possible high radiation exposure. Also, ensure that all vehicles leaving the area have been monitored.

5.2.8 Dispatch monitoring teams to survey the area along the site boundary.

5.2.9 If there are injured personnel, assign the Senior Medical representative to administer first aid and prepare the patient for transfer to the Bath Hospital if hospitalization is required. (See Emergency Procedure 2.50.8).

5.2.10 Provide the Bath Hospital (telephone 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.

- R 5.2.11 Transfer the patient(s) and Ambulance Emergency Kit (located in the Gate House) to the company or private station wagon. If the patient is contaminated assign a Health Physics representative to accompany them to the hospital to maintain radiological control.
- 5.2.12 Provide Plant Emergency Director with on-site survey teams or assistance as required.
- R 5.2.13 Notify the Nuclear Regulatory Commission, Region I, Regulatory Operations by dialing 1-215-337-1150 and Manager of Operations, Westboro (1-617-366-9011, ext. 225) and give all pertinent data.
- 5.2.14 Supervise collection of emergency data in the Emergency Monitoring Log.
- R 5.2.15 Organize and brief personnel at the Information Center on emergency conditions.
- R 5.2.16 Conduct periodic review of the Emergency Monitoring Log for an overall view of emergency actions and to determine any items requiring "follow-up".

### 5.3 Emergency Assistance Personnel

- R 5.3.1 Emergency Assistance personnel on-site proceed to department area for accountability and render assistance.
- R 5.3.2 Emergency Assistance personnel coming to the plant from off-site, proceed to the Emergency Coordination Center.
- R 5.3.3 If evacuation is required, all Emergency Assistance personnel will report to the Emergency Coordinator at the Coordination Center.

## 6.0 RECOVERY AND RETURN TO NORMAL OPERATIONS

- R 6.1 Refer to Emergency Procedure 2.50.11.

## 7.0 FINAL CONDITIONS

- 7.1 When satisfied that all radiological conditions are under proper control and "normal", the Emergency Coordinator shall;
- 7.1.1 Summarize all actions and resultant conditions in the Emergency Log.
- 7.1.2 Transmit all completed pertinent survey and sample analysis forms to the Chemistry and Health Physics Department for review and filing.
- R 7.1.3 Direct that an Emergency Equipment Readiness check be conducted.

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*W.C.71*

## 2.50.3 GENERAL EMERGENCY PLAN EMERGENCY PROCEDURE

### 1.0 DISCUSSION

- R 1.1 A General Emergency is defined as an emergency condition with radiation levels  $\geq 10$  mrem/hr or airborne concentrations  $\geq 10 \times \text{MPC}^{(1)}$  at the site boundary.
- R 1.2 In the event that either a local or site emergency develops into a general emergency, the decision to declare a general emergency shall be made by the Emergency Coordinator or the Plant Emergency Director. In the event that the incident is such that a general emergency should be declared immediately, the decision to make this declaration rests with the senior member of the assigned operating shift present in the control room at the time that the incident is reported.

### 2.0 OBJECTIVE

To outline the actions required of plant personnel in the event that a General Emergency is declared.

### 3.0 SYMPTOMS

- 3.1 Radiation levels  $\geq 10$  mrem/hr at the site boundary and/or air borne concentrations  $\geq 10 \times \text{MPC}$  at the site boundary.
- 3.2 Indications on plant instrumentation readouts and/or alarms located in the Control Room which may result in a general emergency.
- 3.3 A site emergency which extends, or threatens to extend, beyond the site boundary.

### 4.0 IMMEDIATE ACTION

- 4.1 Persons discovering the emergency condition shall immediately notify the control room by the most expeditious means available.
- 4.2 Control room personnel shall sound a ten second blast of the emergency alarm system and announce the following:

"General Emergency, General Emergency, General Emergency".

"There is a                      in/at                     ".  
What Where

"All personnel and visitors assemble at the Information Center and await further instruction".

"This is not a drill".

(1) 10 CFR 20, Appendix B, Table II, Column I, Maximum Permissible Concentrations.

- R 4.3 Repeat the above announcement.
- 4.4 Control room personnel will place the plant in a safe condition as the emergency warrants.
- 4.5 Persons in the immediate area of the emergency condition will take appropriate action to limit the extent of the incident with available means, to the extent possible; then retreat to a safe location and await assistance.
- 4.6 All non-shift operators, including the Operations Supervisor, report to the control room to render assistance.
- R 4.7 All Chemistry and Health Physics personnel on site will pick up portable survey instruments and deliver them to the Emergency Coordination Center. Three individuals from the Chemistry and Health Physics group will conduct a site survey and report the results to the Plant Emergency Director. (Forms to complete this survey are located in the Health Physics Check Point.)
- R 4.8 Notify the Maine State Police Headquarters at Augusta by using the state police radio in the control room and making the following announcement:

"This is First Name, Last Name, Plant Emergency Director, Maine Yankee Atomic Power Company. We have a General Emergency at the plant site requiring initiation of the State of Maine Radiation Emergency Plan". Give any pertinent details.

NOTE: (1) Using Telephone (Use only if State Police Radio does not work).

If the State Police radio is not working, the Bell System can be used to contact the State Police at the Augusta Barricks. Telephone: 289-2155.

If the State Police number at the Augusta Barricks is busy, call the Operator and tell her than an emergency exists and request that the line be cleared.

When the State Police answer give the following statement to them. "This is First Name, Last Name, Plant Emergency Director, Maine Yankee Atomic Power Company. We have a General Emergency at the plant site requiring initiation of the State of Maine Radiation Emergency Plan". Give any pertinent facts.

NOTE: (2) Using the Microwave Phone to Central Maine Power Dispatcher (Use only if State Police Radio does not work and telephone is dead).

Using the microwave phone in the control room, call the Central Maine Power Dispatcher.

Identify yourself and request that the following message be given to the Maine State Police. "The Maine Yankee Atomic Power Company has a General Emergency requiring initiation of the State of Maine Radiation Emergency Plan". Have dispatcher repeat back to you exactly what he is going to do. Notify the dispatcher that when the State Police have been contacted and the message relayed to call you back immediately on the microwave phone.

## 5.0 SUBSEQUENT ACTION

### 5.1 Plant Emergency Director

- R 5.1.1 If the radiation level at the site boundary is found to be equal to or greater than 500 MR/HR, the Plant Emergency Director will immediately notify the Maine State Police that immediate evacuation is advised.
- 5.1.2 Determine conditions causing the general emergency.
- 5.1.3 Initiate actions necessary to limit consequences of the incident.
- 5.1.4 Direct a security guard to make a visual check of the badge racks to determine what personnel other than the operating staff are on site and to inform the Emergency Coordinator. When notified by Emergency Coordinator of person(s) missing, the Plant Emergency Director will take the following actions.
- 1) Call for missing person(s) over Plant Page System to contact control room.
  - 2) Question Auxiliary Operators as to possible location of missing person(s).
  - 3) If sufficient operators are available, commence search for missing person(s) ensuring that the team complies with Emergency Procedure 2.50.7.
  - 4) If operators are not available, notify the Emergency Coordinator and request on-site assistance to search for missing person(s).
- 5.1.5 Notify the following members of plant management if the incident occurs during off-working hours, weekends or holidays.
- 1) Plant Superintendent
  - 2) Health Physicist
  - 3) Chemistry and Health Physics Supervisor
  - 4) Assistant Plant Superintendent
  - 5) Operations Supervisor
  - 6) Technical Assistant to Plant Superintendent
  - 7) Other Department Heads as applicable

## 5.2 Emergency Coordinator

Note: The Emergency Coordinator information book has a checklist for the Emergency Coordinator. The checklist is a guideline only and will be used at the discretion of the Emergency Coordinator.

5.2.1 Proceed to and take charge of emergency coordination center.

R NOTE: During normal working hours the Emergency Coordinator will make the decision to use the Emergency Assignment Tag Board. Other than normal working hours, personnel will pick up tags from the Emergency Assignment Tag Board and perform functions listed on tag.

R 5.2.2 Determine if the assembly point is in a safe area through the use of portable survey instruments. If assembly area is unsafe, have all personnel move to the Eaton Farm.

5.2.3 Contact control room and request evaluation of plant conditions and meteorological data from the Plant Emergency Director.

5.2.4 Determine the off-site areas that may be affected by using meteorological data, overlays and area maps.

R 5.2.5 Account for all plant personnel and visitors. If person(s) are missing, the following steps will be taken:

- 1) Notify Plant Emergency Director of missing person(s).
- 2) Question department supervisors and co-workers as to where missing person(s) were last working.
- 3) Report location of missing person(s) to Plant Emergency Director, if known.

R 5.2.6 Dispatch emergency off-site monitoring personnel to downwind areas. Specify monitoring area for each group and have them report data to the Emergency Coordination Center by phone or radio.

5.2.7 Evaluate monitoring data from survey groups as it becomes available.

5.2.8 Coordinate emergency operations between Maine Yankee assistance groups and governmental agencies.

5.2.9 If there are any injured personnel, assign the Senior Medical Representative to administer first aid and prepare the patient for transfer to the Bath Memorial Hospital if hospitalization is required. (See Emergency Procedure 2.50.8.)

5.2.10 Provide the Bath Memorial Hospital (Telephone 443-5524) with the following information before a patient arrives at the hospital:

- 1) Number of accident victims (and whether they are radioactively contaminated).

- 3) Anticipated time of arrival at the hospital.
- 4) Who and what (radiation equipment will accompany patients).

- R 5.2.11 Transfer the patient(s) and Ambulance Emergency Kit (located in the Gate House) to the Company or Private Station Wagon. If the patient is contaminated assign a Health Physics representative to accompany them to the hospital to maintain radiological controls.
- R 5.2.12 Ensure that security personnel have established a barricade to restrict access to the site.
- R 5.2.13 Direct the survey of all personnel for contamination and possible high radiation exposure. Ensure that all vehicles are monitored before leaving the area.
- 5.2.14 Support the in-plant recovery operation by providing for additional assistance, equipment and/or relief personnel as required.
- R 5.2.15 Notify Manager of Operations, Westboro (1-617-366-9011, Ext. 225) and give all pertinent data.
- 5.2.16 Notify the ERDA Radiological Assistance Program (RAP).

NOTE: Phone number is 516-345-2200. The following statement will be used:

- R "This is First Name, Last Name, Emergency Coordinator, Maine Yankee Atomic Power Company. We have a General Emergency at the plant site requiring NRC assistance". Give any pertinent facts.
- R 5.2.17 Notify the Nuclear Regulatory Commission Region 1 Regulatory Operations by dialing 1-215-337-1150. Give any pertinent facts.
- R 5.2.18 Make periodic reports to Maine State Police and Manager of Operations, Westboro as to plant conditions, radiological conditions and all other pertinent data.
- R 5.2.19 Conduct review of the Emergency Monitoring Log for an overall view of emergency actions and to determine any items requiring "follow-up".
- R 5.2.20 Organize and brief personnel at the Coordination Center on emergency conditions.
- R 5.2.21 Notify NEL-PIA by dialing 1-203-677-7305 (24 hour response).

NOTE: Person notifying above agency will hear a tape recording that will provide names and telephone numbers of persons on call. After obtaining names and telephone numbers of call personnel, proceed to contact one of the individuals and give all pertinent data.

5.3 Emergency Assistance Personnel

- R 5.3.1 Personnel upon arrival at the emergency coordination center will report to the Emergency Coordinator for assignment. If other than normal working hours, personnel will pick up tags from the Emergency Assignment Tag Board and perform functions listed.

5.4 Other Personnel

- R 5.4.1 Personnel coming to the plant from off-site, report to the emergency coordination center.

6.0 RECOVERY AND RETURN TO NORMAL OPERATIONS

- R 6.1 Refer to Emergency Procedure 2.50.11.

7.0 FINAL CONDITIONS

When satisfied that all radiological conditions are under proper controls and "normal", the Emergency Coordinator shall:

- 7.1 Summarize all actions and resultant conditions in the Emergency Log.
- 7.2 Transmit all complete pertinent survey and sample analysis forms to the Chemistry and Health Physics Department for review and filing.
- 7.3 Direct that an Emergency Equipment Readiness Check be conducted.

MAINE YANKEE ATOMIC POWER CO.

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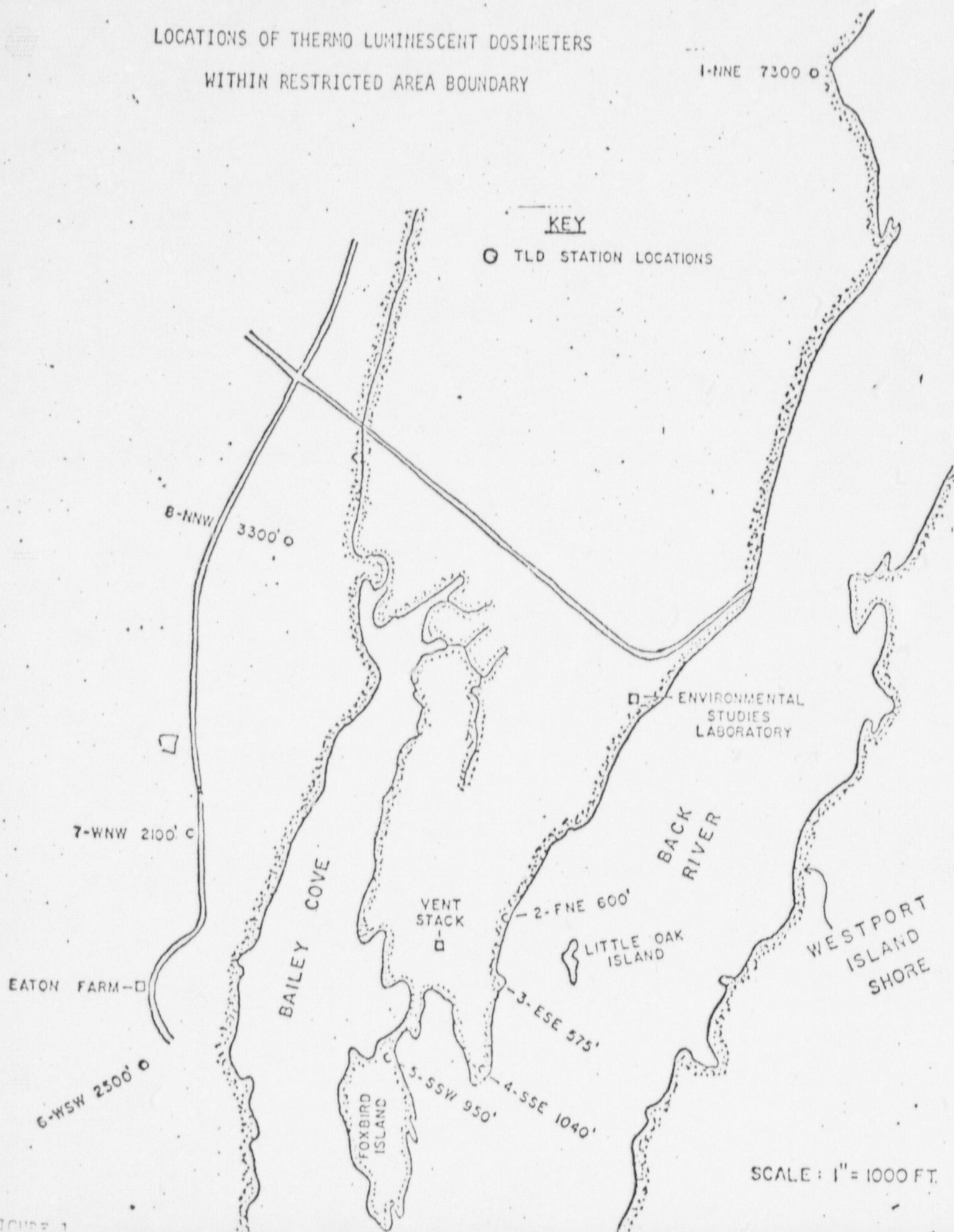
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2.50.13 ENVIRONMENTAL SAMPLE COLLECTION

R In the event of a site or general emergency at Maine Yankee Atomic Power Plant, environmental samples will be collected as soon as personnel availability and emergency conditions permit.

There are nine environmental air sampling locations. These are shown on Figure 2. Each of these stations has a continuous air sample consisting of a 47 mm diameter particulate filter and charcoal trap. Thermoluminescent dosimeters are also located at each station. An additional number (8) of thermoluminescent dosimeters have been placed on the restricted area boundary. These are located on Figure 1.

LOCATIONS OF THERMO LUMINESCENT DOSIMETERS  
WITHIN RESTRICTED AREA BOUNDARY



ENVIRONMENTAL and  
AIR SAMPLER LOCATIONS  
MAINE YANKEE ATOMIC POWER  
WISCASSET, ME.

DRESDEN  
MILLS

127

27

SWAN ISLAND

RIVER

AP9  
VS3

FWS3



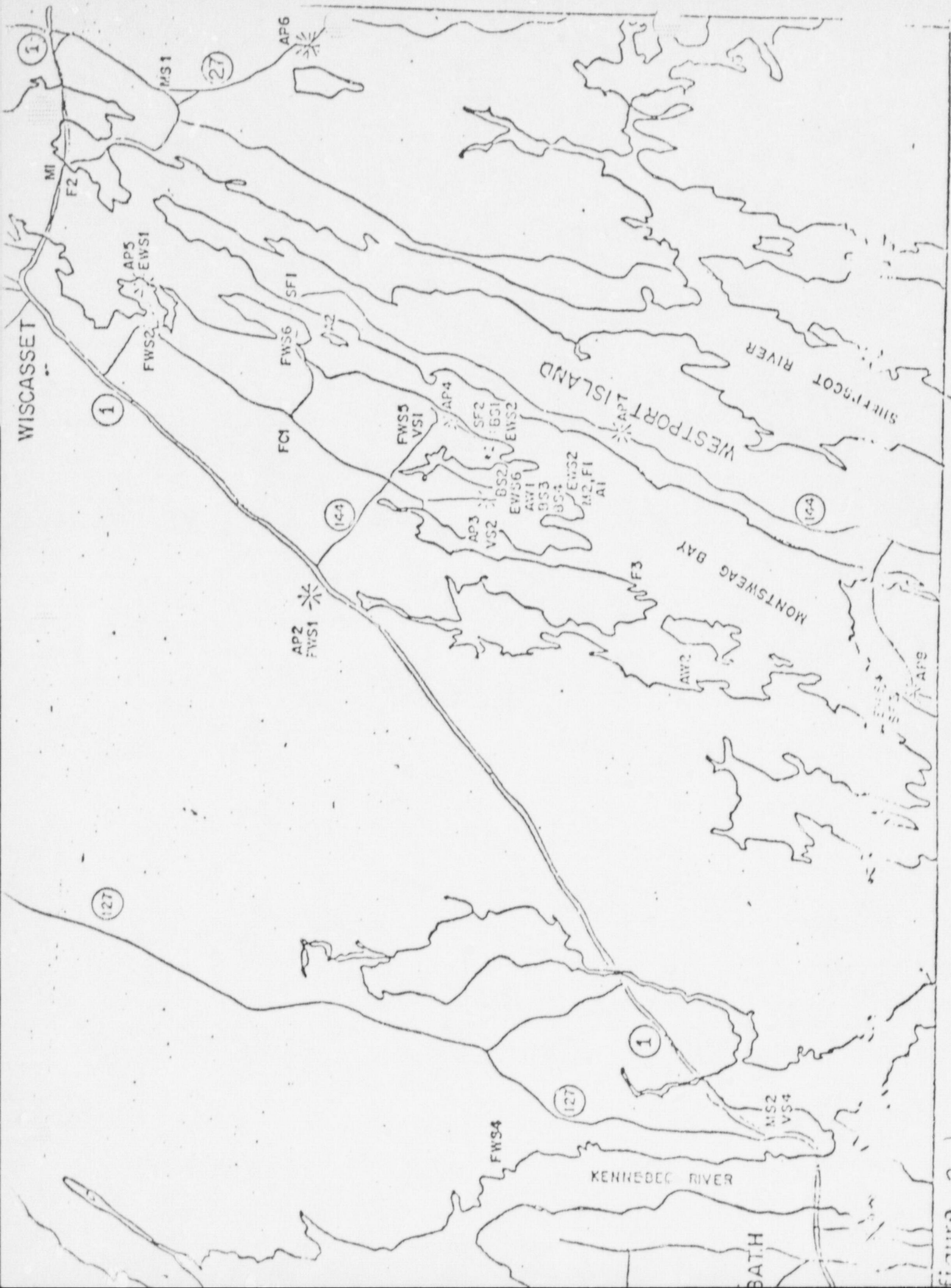


figure 21

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## 2.50.16 RADIATION EMERGENCY CALL LIST

- 1.0 The following personnel will be called in the listed order in the event of a local site or general emergency.

NAME	HOME PHONE
Don Moody, Plant Superintendent	725-7895
Gary Cochrane, Plant Health Physicist	729-8185
Dave Sturniolo, Chem. & H.P. Supervisor	729-0707
Ed Wood, Asst. Plant Superintendent	725-8509
Charlie Frizzle, Asst. to Plt. Supt.	729-0970
Wilbur Paine, Operations Supervisor	729-9770

- 2.0 Additional personnel will be called as required:

Larry Walsh, Day Shift Supervisor	729-0024
Tom Davin, Shift Supervisor	443-4562
Robert Arsenault, Shift Supervisor	882-7269
Robert Bickford, Shift Supervisor	882-5095
Don Stevenson, Shift Supervisor	529-5504
Paul Gates, Supv. Control Rm. Oper.	
Larry Grimard, Supv. Control Rm. Oper.	586-5085
Gene Madej, Supv. Control Rm. Oper.	729-3970
Joe Smith, Supv. Control Rm. Oper.	882-7341
John Stevens, Chem. & H.P. Tech. Asst.	353-4900
George Pillsbury, Chem. & H.P. Eng. Asst.	622-3573
Larry Bartal, Chem. & H.P. Eng. Asst.	729-3575
Walter Lach, Chem. & H.P. Eng. Asst.	
Neal Pillsbury, I & C Supervisor	443-9608
Richard Wyckoff, Assistant Engineer	882-7926
Russ Prouty, Maintenance Supervisor	882-7650
Ray Cyr, Asst. Maintenance Supervisor	882-7242
Ronnie Painter, Maintenance Foreman	353-6319
Jim Brinkler, R & CE Supervisor	677-2543
Harold Whitney, Assistant Engineer	563-5495
David Boynton, Technical Assistant	729-9152
Robert Milligan, Administrative Supervisor	882-7095
Peter Anderson, Alt. Supv. Operator	442-8672
Wayne Fournier, Training Coordinator	725-5643
Earle Blanchard, Chief of Security	622-6777
Rockwell Radasch, Assistant Engineer	882-7928

NEW ENGLAND INTERSTATE RADIATION INCIDENT PLAN

ARTICLE I - AUTHORITY

This plan is authorized by the New England Compact on Radiological Health Protection, as approved by the Legislatures and Governors of the several party States.

ARTICLE II - PURPOSE

The purpose of this plan is to name the manner in which the New England Compact on Radiological Health will be administered.

ARTICLE III - DELEGATION OF AUTHORITY

The Compact Administrator for each party State shall notify the other party States of the identity of any subordinate or subordinates to whom his authority as Compact Administrator has been delegated.  
(See Appendix I.)

ARTICLE IV - COMMUNICATIONS

Each Compact Administrator shall prescribe the manner in which communication with his State is to be handled. He shall provide the home and office telephone numbers of himself and/or such staff members as he may designate. In addition, he shall provide a second channel of communication such as the State Police, which will be operative 24 hours a day--7 days a week and shall arrange within his State for emergency communications to reach a responsible member of his staff. Each Compact Administrator shall notify the party State Compact Administrator of the communication procedure.  
(See Appendix I.)

ARTICLE V - LISTINGS OF EQUIPMENT AND LABORATORY CAPABILITIES

Each Compact Administrator shall transmit to all other party States a listing of available field survey equipment including range, other emergency equipment, and a listing of available laboratory capabilities by type of analysis (i.e. gross alpha, gross beta, gamma spectroscopy, 3H, 14C, etc.). Such listings shall be updated once a year or more often if conditions warrant. (See Appendix II.)

ARTICLE VI - RADIATION INCIDENTS

(a) Upon determination by a Compact Administrator that a radiation incident has taken place within his State of a magnitude sufficient to require additional manpower or equipment, the Compact Administrator shall contact such other party State or States as he shall judge to be best able to assist him under the circumstances and shall request such aid as he deems necessary. The State or States receiving such a request shall respond with men and/or equipment to the best of their ability while maintaining sufficient capability for the protection of the public health within their own State.

(b) Any State responding to a request for aid under this plan shall operate, while in a party State, in accordance with the radiation incident plan of that State.

(c) Each Compact Administrator shall transmit his radiation incident plan to all other party States. Prior to adoption of a new or revised State radiation incident plan, each party State shall review and comment on such plan. All State laws, rules, and regulations relating to radiation and the intrastate radiation incident plan shall be kept current and transmitted by each Compact Administrator to the party State Compact Administrators.

(d) Reimbursement by the State receiving aid or assistance under this Article for any loss or damage to, or expense incurred in the operation of any equipment; for the cost of all materials, transportation and maintenance of officers, employees, and equipment; and for any compensation or benefits for injuries or death incurred by officers or employees of an aiding State shall be in accordance with Article X.

ARTICLE VII - NOTIFICATION

The notification of other party States under this plan shall be made directly by the Compact Administrators; and such notification shall also be made to the Secretary, New England Radiological Health Committee.

ARTICLE VIII - LOAN OF FACILITIES AND EQUIPMENT

Facilities and equipment may be loaned as specified in Article V of the New England Compact. Requests for loans shall be transmitted through, and have the approval of, the respective Compact Administrators. All such facilities or items of equipment shall be returned in as good condition as when received. The cost of any repairs necessary shall be the responsibility of the borrowing department, agency, or officer. Costs of transportation of equipment to and from the borrowing State shall be borne by that State.

ARTICLE IX - LOAN OF PERSONNEL

Professional or technical personnel having special skills or training related to radiation protection may be made available to a party State by appropriate departments, agencies, or officers of other party States upon request. Such requests shall be transmitted through, and have the approval of, the respective Compact Administrators. The requesting State shall reimburse the lending State in accordance with Article X.

ARTICLE X - CHARGES FOR EQUIPMENT AND PERSONNEL

(a) The State receiving aid or assistance shall reimburse the State rendering aid or assistance for any loss or damage incurred in the operation of any equipment.

(b) The State receiving aid or assistance shall pay for the cost of transporting and maintaining all officers and employees of the State rendering aid in accordance with the rendering State's Rules and Regulations, or those of the State receiving aid--whichever is greater.

(c) The party State borrowing personnel shall reimburse the State loaning the personnel at the same annual rate as the personnel are receiving in their own State. The borrowing State shall pay for the cost of maintaining such personnel in accordance with Article X, Section (b).

(d) Nothing contained herein in Article X shall prevent any assisting party State from assuming the costs incurred under Sections (a), (b), and (c) of Article X.

January, 1976

APPENDIX I

CONNECTICUT

Compact Administrator	Commissioner of Environmental Protection Business Tel: (203) 566-2110
Designated Emergency Contacts	Arthur T. Heubner Business Tel: (203) 566-5668, 5134 Home Tel: (203) 521-5050  Joseph R. Smolen Business Tel: (203) 566-5668, 5134 Home Tel: (203) 526-9294
24-Hour-A-Day Contact	Connecticut State Police (203) 566-4240 Ask for Executive Officer
<u>Business Hours: 8:30 - 4:30</u>	

MAINE

Compact Administrator	Commissioner, Department of Human Services David E. Smith Business Tel: (207) 289-2376
Designated Emergency Contacts	Donald C. Hoxie Business Tel: (207) 289-3826 Home Tel: (207) 622-7445  John Cameron Business Tel: (207) 289-3826 Home Tel: (207) 622-9536
24-Hour-A-Day Contact	Maine State Police (207) 289-2155
<u>Business Hours: 8:00 - 5:00</u>	

January, 1976

MASSACHUSETTS

Compact Administrator

Commissioner, Department of Public Health  
Business Tel: (617) 727-2700

Designated Emergency Contacts

Gerald S. Parker  
Business Tel: (617) 727-6214, 6246  
Home Tel: (617) 734-1196

George Swible  
Business Tel: (617) 727-6214, 6246  
Home Tel: (617) 387-7768

Edward Molloy  
Business Tel: (617) 727-6214, 6246  
Home Tel: (617) 361-4559

24-Hour-A-Day Contact

Massachusetts State Police  
(617) 566-4500

Business Hours: 8:45 - 5:00

NEW HAMPSHIRE

Compact Administrator

Director, Radiation Control Agency  
John R. Stanton  
Business Tel: (603) 271-2281, 2282  
Home Tel: (603) 623-4743

Designated Emergency Contact

Diane Hefft  
Business Tel: (603) 271-2281, 2282  
Home Tel: (603) 524-3358

24-Hour-A-Day Contact

New Hampshire State Police  
(603) 271-3636

Business Hours: 8:30 - 5:00 (Labor Day to last Monday in June)  
8:00 - 4:30 (Last Monday in June to Labor Day)

January, 1976

RHODE ISLAND

Compact Administrator

Director, Department of Health  
Joseph E. Cannon, M. D.  
Business Tel: (401) 277-2231

To Request Aid From  
Rhode Island

Rhode Island State Police  
(401) 647-3311

Authorized to Request Aid for  
Rhode Island

James P. Deery, M. D.  
Business Tel: (401) 277-2438, 2439  
Home Tel: (401) 331-4936

James E. Hickey  
Business Tel: (401) 277-2438, 2439  
Home Tel: (401) 884-4732

Herbert F. Kilguss  
Business Tel: (401) 277-2438, 2439  
Home Tel: (401) 751-4895

Santo Amato  
Business Tel: (401) 421-7156  
Home Tel: (401) 351-5264

Business Hours: 8:30 - 4:30

VERMONT

Compact Administrator

Commissioner, Department of Health  
Anthony Robbins, M. D.  
Business Tel: (802) 862-5701

Dr. John Froines  
Business Tel: (802) 476-3171, 3172  
Home Tel: (802) 454-8550

David Scott  
Business Tel: (802) 476-3171, 3172  
Home Tel: (802) 767-3744

Raymond N. McCandless  
Business Tel: (802) 476-3171, 3172  
Home Tel: (802) 223-5075

Business Hours: 8:00 - 4:30

January, 1976

ADDITIONAL EMERGENCY CONTACTS

U. S. FOOD AND DRUG ADMINISTRATION  
BOSTON, MASSACHUSETTS 02109

Robert M. Hallisey (Regional Office)  
Business Tel: (617) 223-3178, 5859  
Home Tel : (617) 729-5723

U. S. ENVIRONMENTAL PROTECTION AGENCY  
BOSTON, MASSACHUSETTS 02203

Byron E. Keene (Regional Office)  
Business Tel: (617) 223-5708, 5777  
Home Tel : (617) 729-3356

Paul H. Bedrosian (Regional Office)  
Business Tel: (617) 223-5708, 5777  
Home Tel: (617) 475-2668

WINCHESTER ENGINEERING AND ANALYTICAL CENTER (WEAC)  
EMERGENCY TEAM

(As per updated listings sent to Health Departments semiannually)

# A. INDEX II

## LABORATORY EQUIPMENT

## FIELD EQUIPMENT

STATE	GROSS ALPHA	GROSS BETA	GAMMA SCAN	ALPHA	BETA-GAMMA	G. M.	NEUTRON
Conn.	1 PC	2 LBBC	1 Single Channel 1 Multi-Channel	4 Eberline PAC-15 0-2M cpm. (gamma 0-2r/hr)	1 Victoreen 440 3 Baird Atomic 420 0-100 mr/hr 3 Victoreen Radgun 4 GB-10 0-10,000 r/hr	5 G.M. Survey Instruments	
Maine	4 PC 1 LBPC	4 PC 1 LBBC	1-400 Channel Analyzer	1 Eberline	2 Cutie Pie Ion Chambers	6 G.M. Survey Instruments	
Mass.	6 PC	2 LBBC 6 PC	1-400 Channel Analyzer  1 Single Channel Analyzer	5 Scintillation 0-2,000,000 cpm.	2 Ion Chambers 0-10,000 r/hr  10 Ion Chambers 0-2,500 mr/hr  2 Ion Chambers 0-300 mr/hr	17 G.M. Counters 0-20 mr/hr	1 Texas Instrumer (Note: 2 Juno 0-25 r/hr also alpha capabilit
N. H.	1 PC	1 PC	1 1024 Channel Analyzer	1 Gas Flow 0-100,000 cpm.  4 Scintillation 0-2,000,000 cpm.	5 Ion Chambers  1 Scintillation	8 G.M. Counters	2 Neutron Counte
R. I.	1 PC	1 LBBC	1 400 Channel Analyzer	1 Scintillation 0-2,000,000 cpm.	1 N.C. #2568 0-2,500 mr/hr  3 CDV-715	2 N.C. #2650 0-100 mr/hr  1 CDV-700	
Vt.	1 PC		1 Multi-Channel Analyzer	1 Scintillation		1 G.M.	1 Neutron

## OTHER EQUIPMENT

- Conn. - 1 Tri-Carb Liquid Scintillation Counter, 1 Johnson Radon Counting System, Pocket Dosimeters, Protective Clothing  
1 PIC.
- Maine - 3 Hi-Vol Air Samplers.
- Mass. - Pocket Dosimeters, Protective Clothing, Respirators, Hoods, Gloves, Decontamination Solutions, Marking Rope, etc.
- N. H. - 6 Hi-Vol Air Samplers, 3 Manual Air Samplers, 2 Electrostatic Air Samplers, 2 Pair Shoe Covers, 1 Set Protective  
Clothing, Gloves, Respirator, Hood, 2 PIC, 1 Victoreen TLD.
- R. I. - 8 Hi-Vol Air Samplers, 1 Impactor Head Air Sampler, 1 Electrostatic Air Sampler, Protective Clothing and  
Decontamination Equipment available through C. D.
- Vt. - Plastic Bags, Waste Storage Drums, Shoe Covers, 1 PIC, 1 TLD (EG&G).

January, 1976

50-29

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:

NRC

FROM:

YANKEE ATOMIC ELEC CO  
WESTBORO, MASS

DATE OF DOCUMENT

UNDATED

DATE RECEIVED

6-21-76

☐ LETTER☐ ORIGINAL☐ COPY☐ NOTORIZED☒ UNCLASSIFIED

...OP

INPUT FORM

NUMBER OF COPIES RECEIVED

None Signed

## DESCRIPTION

NO LTR OF TRANSMITTAL RECEIVED.....

## ENCLOSURE

CHANGE NO. 1 TO THE YANKEE NUCLEAR POWER  
STATION EMERGENCY PLAN PROCEDURE  
WITH CORRECTIVE PAGES TO BE INSERTED.....

DO NOT REMOVE

PLANT NAME: *Yankee Rowe*

ACKNOWLEDGED

28

Encl

## SAFETY

## FOR ACTION/INFORMATION

## ENVIRO

6-21-76 RB

<input checked="" type="checkbox"/>	ASSIGNED AD:		ASSIGNED AD:
<input checked="" type="checkbox"/>	BRANCH CHIEF:	<i>PURPLE</i>	BRANCH CHIEF:
<input checked="" type="checkbox"/>	PROJECT MANAGER:		PROJECT MANAGER:
<input checked="" type="checkbox"/>	LIC. ASST.:	<i>SHEPPARD</i>	LIC. ASST.:

## INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/>	REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/>	NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/>	I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
<input checked="" type="checkbox"/>	OELD		LAINAS	
	GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
	MIPC	MACCARRY	KIRKWOOD	ERNST
	CASE	KNIGHT		BALLARD
	HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
	HARLESS	PAWLICKI	STELLO	
	PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	SITE TECH.
	BOYD	ROSS	<input checked="" type="checkbox"/> EISENHUT	GAMMILL
	P. COLLINS	NOVAK	<input checked="" type="checkbox"/> SHAO	STAPP
<input checked="" type="checkbox"/>	HOUSTON	ROSZTOCZY	<input checked="" type="checkbox"/> BAER	HULMAN
	PETERSON	CHECK	<input checked="" type="checkbox"/> BUTLER	SITE ANALYSIS
	MELTZ		<input checked="" type="checkbox"/> GRIMES	VOLLNER
	HELTEMES	AT & I		BUNCH
	SKOVHOLT	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
		RUTBERG		KREGER

## EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/>	LPDR: <i>Greenfield, Mass</i>	NAT LAB:	BROOKHAVEN NAT LAB	
<input checked="" type="checkbox"/>	TIC:	REG. VIE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/>	NSIC:	LA PDR		
<input checked="" type="checkbox"/>	ASLB:	CONSULTANTS		
<input checked="" type="checkbox"/>	ACRS CYS HOLDING/SENT			

6221