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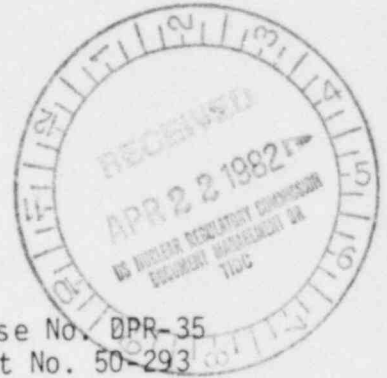
**BOSTON EDISON COMPANY**  
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A. V. MORISI  
MANAGER  
NUCLEAR OPERATIONS SUPPORT DEPARTMENT

January 4, 1982

BECO. Ltr. #82-1

Mr. Ronald C. Haynes, Director  
Office of Inspection and Enforcement  
Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA. 19406



License No. DPR-35  
Docket No. 50-293

Dear Sir:

Boston Edison, in coordination with the Commonwealth of Massachusetts and local governments in the communities near the Pilgrim Nuclear Power Station, is planning a full scale joint exercise of on-site and off-site emergency response capabilities which is currently scheduled for March 3, 1982. Exercise objectives for the planned response by Boston Edison and off-site agencies have been developed in coordination with the Massachusetts Department of Public Health and the Massachusetts Civil Defense Agency. Enclosed are copies of these objectives (Attachments 1-3).

Mr. Paul J. Cahill, Director, Massachusetts Civil Defense, will forward a copy of the Exercise objectives to Mr. David Sparks, Director of FEMA, Region I. Our understanding is that FEMA and NRC representatives will be meeting during the next two weeks to plan Federal exercise observation and participation. Boston Edison and officials of the Commonwealth will be pleased to participate or assist in any way we can.

Very truly yours,

*John M. Felle*  
Scc AVN

Attachments

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## ATTACHMENT 1

### EXERCISE OBJECTIVES FOR PLANNED RESPONSE ACTIONS BY THE BECo EMERGENCY RESPONSE ORGANIZATION

The primary objectives of the 1982 Joint Emergency Plan Exercise will be to test and exercise the adequacy of BECo personnel, procedures, equipment and training in the following areas:

1. Identification of plant conditions which correspond to the four (4) major Emergency Classifications based on Emergency Action Levels.
2. Response to abnormal in-plant conditions according to plant procedures.
3. Prompt activation of the Emergency Response Facilities (TSC, EOF, OSC).
4. Reliable communications between key plant personnel, state police, Civil Defense personnel, and Department of Public Health personnel according to procedure, and between the Emergency Response Facilities (Control Room, TSC, EOF and OSC).
5. Assessment of the impact on the public of a simulated release of radioactive material.
6. Recommendations to the Department of Public Health of appropriate protective actions for the public.
7. Response to a serious personnel injury onsite.
8. Ability to assess plant conditions from the TSC and to communicate with other Emergency Response Facilities.
9. Activation of the Press Center and simulated interface with the news media.
10. Activation of the Recovery Center.
11. Accountability of onsite personnel by the Security Force.
12. Reentry to hostile and or contaminated plant areas.
13. Participation of Onsite NRC Inspectors in the Exercise performing their emergency duties.
14. Notification of the U.S. Coast Guard.
15. Notification of INPO by Recovery Organization.
16. Activation of the AEOF, and ability to establish communications with the EOF.

### Actions Not to be Tested

The following actions will not be tested during the course of the 1982 Joint Emergency Plan Exercise:

1. Activation and mobilization of the U.S. Coast Guard.
2. Notification of non-BECo groups other than those mentioned in the preceding section.
3. Shift change at BECo Emergency Response Facilities.
4. Decontamination of personnel/vehicles.
5. Collection of environmental media for analysis.
6. Demonstration of TLD backup capability.
7. Blockading Rocky Hill Road by the Plymouth Police Department.
8. Dispatching Recovery Organization personnel to Pilgrim Station.
9. Aerial plume tracking.

## ATTACHMENT 2

### Exercise Objectives for Planned Accident Assessment Actions by Off-site Agencies

#### BACKGROUND

The Massachusetts Department of Public Health (MDPH) is responsible by law for the protection of the public against the hazards of ionizing radiation. MDPH exercises prime responsibility for assessing the consequences of radiological accidents at nuclear power stations, and for recommending protective action for the public. MDPH has assumed responsibility for radiological protection preparedness for emergency personnel, and for coordinating the actions of other state agencies (Agriculture, Dairying and Animal Husbandry, Environmental Quality Engineering) in collecting and counting samples in support of ingestion exposure EPZ plans.

#### GENERAL OBJECTIVES

MDPH will extensively test and exercise plans and procedures associated with alerting and mobilizing the off-site accident assessment capabilities, their transport, EOF interface, field assessment capabilities, and interface with off-site response agencies through Civil Defense. MDPH will test capabilities to support local radiological protection plans and programs, and liaison with agencies active in actions associated with ingestion exposure.

#### ACTIONS TO BE EXERCISED

1. Receipt of notification from State Police.
2. Mobilization and deployment of MDPH personnel to MCDA and EOF.
3. Establishment of effective interface with MCDA, Pilgrim NPS.
4. Deployment of NIAT and Departmental field assessment capabilities.
5. Field operating procedures and communications.
6. EOF assessment actions and development of protective action recommendations.
7. MDPH EOF - media center interface.
8. Notification and liaison with agencies involved in ingestion exposure actions.
9. Activation and maintenance of dose records.
10. Activation of recovery organization and standdown procedures.

#### ACTIONS NOT PLANNED TO BE EXERCISED

1. Field sampling of milk, water, produce or animal feeds.
2. Augmentation of laboratory resources for food chain counting.
3. Testing of laboratory counting procedures.
4. Liaison with and support of Federal assessment resources.

### ATTACHMENT 3

#### Exercise Objectives for Planned Response Actions by Off-site Agencies

##### BACKGROUND

The Massachusetts Civil Defense Agency (MCDA) is responsible by law for maintaining the preparedness posture of the State and its communities, and, following a declaration of emergency by the Governor, for coordinating the utilization of all available resources to combat disaster effects. MCDA has developed and operated an ambitious radiological emergency preparedness program in areas around nuclear power stations, and, during a radiological emergency, would coordinate all response actions in support of protective actions recommended by MDPH. MCDA also is responsible for coordinating communications, notification, and activation and mobilization of response personnel in anticipation of MDPH recommended protective actions, at both the State and local level.

##### GENERAL OBJECTIVES

The Pilgrim Station plume exposure EPZ includes all of the towns of Plymouth, Kingston and Duxbury, and parts of the town of Marshfield and Carver. Response in Plymouth itself is of most immediate importance. A five mile radius circle falls fully within the Town of Plymouth. Plans call for reception at sites approximately 20 miles north, northwest and west of Pilgrim.

The state plans to fully exercise planned actions in the Towns of Plymouth and Kingston, immediately to its north, and fully test reception functions in Bridgewater. The reception center is to the Northwest of Pilgrim. Notification, communications, mobilization of resources, EOC operations, and emergency public information functions will be tested in Duxbury, Carver, and Marshfield, and in the reception communities of Hanover and Taunton. Exercise of response functions in support of recommended protective actions will be limited by exercise scenario meteorology.

MCDA will also test notification, mobilization, liaison and coordination with those state agencies with responsibilities associated with the food chain.

##### ACTIONS TO BE EXERCISED

1. Receipt of notification from the plant by State Police.
2. Dispersal of notification to local government and state agencies.
3. Mobilization of EOC staffs, and EOC operations.
4. All communications channels.
5. Public alert and notification
6. EOF/State interface
7. Direction and control at State and local level.
8. Emergency Public Information
9. Actions in support of recommended protective actions.

10. Radiological protection functions for emergency personnel.
11. Liaison with assessment agencies.
12. Actions in support of reception centers, including registration, monitoring and care of evacuees.
13. Handling of medical emergencies.

ACTIONS NOT PLANNED TO BE EXERCISED

1. Protracted Operations.
2. Actual evacuation of public or special populations.
3. Field monitoring to full extent of ingestion exposure EPZ.
4. Actual gathering, transport and counting of food chain sampling.
5. Activation of registration and monitoring capabilities in Hanover and Taunton.

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