

# UNITED STATES NUCLEAR REGULATORY COMMISSION

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In the Matter of:

OPEN MEETING WITH BOSTON EDISON  
COMPANY: PILGRIM NUCLEAR POWER  
STATION

)  
) Docket No. 50-293  
)

Pages: 1 through 93

Place: Rockville, Maryland

Date: October 5, 1988

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*Official Reporter*  
1220 L Street, N.W., Suite 600  
Washington, D.C. 20005  
(202) 638-6000

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U.S. NUCLEAR REGULATORY COMMISSION

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OPEN MEETING WITH BOSTON EDISON	)	Docket No. 50-293
COMPANY: PILGRIM NUCLEAR POWER	)	
STATION	)	

Wednesday,  
October 5, 1988

Nuclear Regulatory Commission  
11555 Rockville Pike  
Room 2FM2  
Rockville, Maryland

The above-entitled matter came on for hearing,  
pursuant to notice, at 1:00 p.m.

APPEARANCES:

Moderator:

DANIEL G. MCDONALD  
Senior Project Manager  
Project Directorate I-3  
Division of Reactor Projects I/II

Participants:

TOM MURLEY  
Office of Nuclear Reactor Regulation

R.G. BIRD  
Boston Edison

WILLIAM T. RUSSELL  
Nuclear Regulatory Commission  
Region I

Heritage Reporting Corporation  
(202) 628-4888

**APPEARANCES (CONT.)**

**RONALD VARLEY**  
Boston Edison

**SAMUEL J. COLLINS**  
NRC Region I

**EDWARD HOWARD**  
Boston Edison

**R.A. LEDGETT**  
Boston Edison

**WILLIAM D. TRAVERS**  
Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation

**RONALD R. BELLAMY**  
Nuclear Regulatory Commission

1 from the company, since you're the one that has to implement  
2 the programs to make those thing be lasting corrections.

3 MR. BIRD: Anyone in the Boston Edison group that  
4 would like to add anything?

5 If there are no other questions, I'll turn the  
6 floor over to Ron Varley.

7 (A copy of Mr. Bird's  
8 presentation slides was marked  
9 for identification as  
10 Attachment 2.)

11 MR. MURLEY: Okay. Is that next on our agenda?

12 MR. MCDONALD: Yes.

13 MR. VARLEY: Good afternoon. My name is Ron  
14 Varley, and I am the manager of Boston Edison's emergency  
15 preparedness department.

16 As I understand it, we have been asked by the  
17 staff to describe our current state of knowledge in two  
18 areas. First, the overall status of the off-site emergency  
19 preparedness program around Pilgrim station. And second,  
20 the status of the issues identified by the federal emergency  
21 management agency in its August 1987 self-initiated review.

22 Before proceeding in providing the information  
23 requested by the staff, I'd like to make one important  
24 point. We believe that the significant progress that has  
25 been achieved to date in improving the off-site program is



1 due, in some measure, to our recognition that the program  
2 belongs to the Commonwealth and the towns, and that our  
3 legitimate role is to provide assistance to them.

4 Accordingly, I want to stress that the views presented today  
5 are those of Boston Edison, and that I am not speaking on  
6 behalf of either the Commonwealth or the towns.

7 As I will discuss in some detail, great deal of  
8 progress has been made in upgrading the status of off-site  
9 emergency preparedness around Pilgrim Station. The quality  
10 of those improvements under way has been explicitly  
11 recognized by FEMA.

12 I'd like to begin by citing the basic improvements  
13 to the off-site emergency response program achieved to date.  
14 These include, among other things, enhanced draft plans, new  
15 implementing procedures, implementation of a new training  
16 program, a revised and updated evacuation time estimate, and  
17 numerous forms of technical and financial assistance that's  
18 being provided by Boston Edison. A fuller account of these  
19 improvements is contained in our written response to the  
20 NRC's information request.

21 Boston Edison has been engaged in a comprehensive  
22 program of assistance to the Commonwealth and local  
23 governments. Since the summer of 1987, a team of between 20  
24 and 30 Boston Edison employees and professional emergency  
25 planning consultants has been working on a day-to-day basis

1 now contain lists which identify the public schools, private  
2 schools, and licensed day-care centers in the EPE. These  
3 listing are also contained in the relevant draft  
4 implementing procedures so that they're readily available to  
5 emergency response officials.

6 Specific draft implementing procedures now provide  
7 detailed direction and guidance to the responsible emergency  
8 response personnel in carrying out their action. Draft  
9 facility-specific procedures have been developed for each  
10 school and licensed day-care center. Moreover, while we  
11 have estimated that 313 buses and 26 vans may be needed to  
12 transport the maximum school and day-care center population,  
13 transportation providers representing over 1100 buses and  
14 147 vans have documented their willingness to assist.

15 The second issue raised by FEMA in its self-  
16 initiated review was the lack of a reception center for  
17 people evacuating to the north. At the time that the SIR  
18 was issued, the existing off-site program utilized the  
19 Taunton State Hospital and Bridgewater State College as  
20 reception centers for persons evacuating from the EPE. The  
21 Hanover Mall had been designated as a third reception center  
22 but was no longer available for that purpose at the time of  
23 the completion of FEMA's review.

24 In December of last year, we completed and  
25 transmitted to the NRC a report which assessed the

1 capability of Taunton and Bridgewater facilities to monitor  
2 the population for contamination in the Pilgrim EPZ in  
3 accordance with all federal guidance. The primary purpose  
4 of that analysis was to determine whether the objective of  
5 the federal guidance could be achieved using two rather than  
6 three reception centers. The analysis summarized in the  
7 report concluded that Taunton and Bridgewater facilities,  
8 with appropriate improvements and equipment procurement,  
9 would have the capability for monitoring the requisite  
10 number of people evacuating from the EPZ.

11 While there have since been minor changes in some  
12 of the logistics, the conclusion of the analysis remains  
13 valid. Facility improvements and equipment procurement will  
14 be undertaken as soon as arrangements with the Commonwealth  
15 are concluded.

16 The third issue raised by FEMA was the lack of  
17 identifiable shelters for beach population. In response to  
18 this issue, a comprehensive shelter implementation program  
19 that far exceeds applicable regulatory requirements has been  
20 developed at Pilgrim. The program will insure that persons  
21 on the beaches and at other major outdoor recreational areas  
22 as well have access to adequate shelter in the event of an  
23 emergency.

24 In order to insure that adequate sheltering  
25 capacity existed, local officials, assisted by Boston





**BOSTON EDISON**

Emergency Preparedness Department  
59 Industrial Park Road  
Plymouth, Massachusetts 02360

January 25, 1989  
EP89-85

Mrs. Alba Thompson, Chairwoman  
Board of Selectmen  
Town Hall  
11 Lincoln Street  
Plymouth, MA 02360

Dear Mrs. Thompson:

As you may know, the NRC Staff has directed us to provide it with periodic status reports on the offsite emergency response program in connection with its oversight of the ongoing Pilgrim Power Ascension Program. Enclosed is a draft of the first such report which the NRC indicated to me today may have to be submitted as early as this Tuesday (January 31, 1989).

This past September we were also asked by the Staff to provide information with respect to the status of the offsite program. As I did then, I would like to reiterate Boston Edison's continued recognition that the offsite program "belongs" to the Commonwealth and the towns, and that our legitimate role is to provide assistance in improving your offsite program. While we are required to provide the enclosed information, we have made it clear to the Staff that we are not speaking on behalf of the Commonwealth or the towns. If you have any questions, please do not hesitate to call.

Sincerely,

Ronald A. Varley  
Manager, Emergency Preparedness

cc: J. Douglas Hadfield, C.D. Director

/cs  
ID 2155



Status of Pilgrim  
Emergency Planning Issues  
As Of January 27, 1989

Boston Edison Company

This report is being submitted on behalf of Boston Edison Company in response to a request from the NRC Staff. It does not necessarily represent the views or opinions of the Commonwealth of Massachusetts or any of the local governments around Pilgrim Station.

STATUS OF EMERGENCY

PLANNING ISSUES

Bridgewater

Issue: Reception Center Renovations/Equipment Placement

Progress:

Reception Center Renovations:

Currently the Bridgewater State College Gymnasium serves as the Reception Center location. Discussions with Bridgewater State College about Reception Center enhancements to the building have been ongoing, but proceeding with the enhancements is not scheduled to commence until the Board of Trustees meets on February 23, 1989 to discuss and concur on the enhancements. Implementation of improvements will be coordinated with Bridgewater State College, Massachusetts Civil Defense Agency, and the Division of Capital Planning Office.

Equipment:

- Monitoring & Decontamination - M/D Equipment delivered to town
- Registration - in town
- Dosimetry - in town

STATUS OF EMERGENCY

PLANNING ISSUES

Taunton

Issue: Reception Center Renovation/Equipment Placement

Progress:

Reception Center Renovations:

Taunton State Hospital is designated as the reception center. Currently, the Cain Building is serving as the interim facility to be used for registrations, monitoring, and decontamination. Layouts for the building have been provided to Hospital Administrators, MCDA, and Taunton Civil Defense. The building is scheduled to be cleaned and organized on January 28 and 29. Arrangements are being made to move portable shower facilities to the Cain site. They are expected to be in place by February 3. Proposed final measures to establish a long term facility involve construction of a new building on hospital grounds. Discussions are underway with Hospital administrators to define building parameters.

Equipment: Portal monitors delivered to Taunton EOC as of 1/10.

Monitoring & Decontamination - delivered to Cain Building January 26 and 27.

Registration - delivered to Cain Building January 26 and 27.

Dosimetry - in town, delivered during this period.