

BOSTON EDISON

Executive Offices
200 Boylston Street
Boston, Massachusetts 02199

Ralph G. Bird
Senior Vice President — Nuclear

December 29, 1987
BECO Ltr. #87- 208

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Publication of 1987 Emergency
Public Information Brochure

Docket 50-293
License No. DPR-35

Dear Sir:

As you know, the Commonwealth of Massachusetts, the local governments within the Pilgrim Nuclear Power Plant ten-mile plume exposure pathway emergency planning zone (EPZ), and the two emergency reception center communities are presently engaged in implementing numerous improvements in their offsite emergency preparedness programs with the assistance of Boston Edison. These improvements include, among other things, revision of the emergency plans of the local governments, revision of the Massachusetts Civil Defense Agency (MCDA) Area II plan as well as the Commonwealth's statewide plan, and the development of revised, implementing procedures. A substantial commitment of resources and time has been made to accomplish these improvements and the work is expected to continue into early 1988.

In view of these extensive, ongoing efforts, Boston Edison and the Commonwealth have concluded that publication of the next emergency public information brochure during calendar year 1987 would not be appropriate and should await additional progress in emergency program revisions. Boston Edison's ability to assist the Commonwealth in provide meaningful and up-to-date information to the public will be greatly enhanced if the brochure is published once the ongoing improvements have been factored in.

Boston Edison, along with the Commonwealth and local officials, has been working diligently to revise the offsite emergency program so that such revisions can be reflected in an updated brochure as soon as possible. Considerable work has been done to prepare a draft brochure which reflects the developing plans and procedures. However, certain information that should be included in the brochure is not yet fully developed. Examples of such information include identification of specific bus routes and pick-up points for transportation-dependent persons, and development of the precise content of EBS messages. It will not be possible logistically to fully develop and incorporate such information into the brochure and print and distribute the brochure prior to the end of the year.

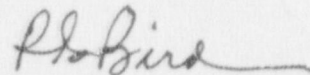
A045
1/1

U.S. Nuclear Regulatory Commission
December 29, 1987
Page two

Boston Edison anticipates, however, that a new brochure can be issued during the first quarter of 1988 and that the schedule for future brochures will not be affected (i.e., the next brochure will be issued in late 1988). Both brochures would accurately reflect the program enhancements now underway. The public would, therefore, receive unambiguous and up-to-date emergency information. The deferral of brochure publication has been discussed with the Commonwealth of Massachusetts and local emergency response officials, and they support this decision.

Accordingly, as indicated above, the next emergency public information brochure for Pilgrim should be published in the first quarter of 1988 with a follow-up publication before the end of the year. In the interim, the Commonwealth is distributing certain basic public information to residents of the Pilgrim EPZ (copy attached).

If you should require any additional information, please contact either myself or Mr. Albert Samano at (617) 747-0439.


R.G. Bird

cc: Dr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
The Phillips Building
Washington, D.C. 20555

Mr. R.H. Wessman, Project Manager
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20814

Mr. Richard Krimm, Assistant Associate Director
FEMA
500 C Street - Federal Plaza
Washington, D.C. 20472

Mr. Edward Thomas
FEMA - Region 1
J.W. McCormack Post Office and Court House
Boston, MA 02109

U.S. Nuclear Regulatory Commission
December 29, 1987
Page three

cc: Mr. Peter Agnes, Jr.
Commonwealth of Massachusetts
Assistant Secretary of Public Safety
1 Ashburton Place - Room 2133
Boston, MA 02108

Mr. J. Hausner
MCDA
400 Worcester Road
P.O. Box 1496
Framingham, MA 01701

U.S. Nuclear Regulatory Commission
Region 1 - 631 Park Avenue
King of Prussia, PA 19406

Senior NRC Resident Inspector
Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, MA 02260

Mr. Henry Vickers, Regional Director
FEMA - Region 1
J.W. McCormack Post Office and Court House
Boston, MA 02109

RAV/jgg



MICHAEL S. DUKAKIS
GOVERNOR

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE DEPARTMENT

CIVIL DEFENSE AGENCY AND OFFICE OF EMERGENCY PREPAREDNESS
400 WORCESTER ROAD
P.O. BOX 1498
FRAMINGHAM, MASS. 01701-0317



ROBERT J. BOULAY
DIRECTOR

December 28, 1987

Dear Pilgrim Emergency Planning Zone Resident:

Enclosed is an Interim Public Information Brochure concerning response to an accident at Pilgrim Nuclear Power Station in Plymouth. I hope that you and members of your household will read the brochure and keep it handy.

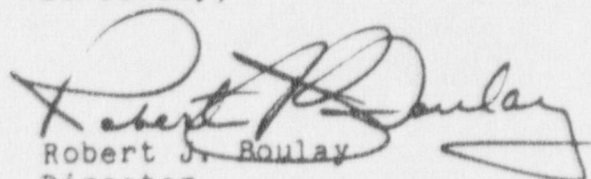
In December, 1986, the Massachusetts Secretary of Public Safety issued a report which concluded that plans for response to an accident at Pilgrim were inadequate. Since that time, state and local officials have been working to revise the emergency response plans. The revised plans are not finished and several important safety matters need more attention.

Among the emergency planning issues which have not been resolved is identification of a reception facility for the northern portion of the emergency planning zone. At our insistance, the Boston Edison Company has undertaken a study of the adequacy of two reception centers. Once the study has been made available to this agency and we have had the opportunity to evaluate its results, we will make a determination if a third reception center is needed. At present two reception centers are available, at Bridgewater State College and Taunton State Hospital.

As soon as revisions to the emergency plans are complete, we will be sending you a revised Public Information Brochure. However, I want to emphasize that at this moment we still consider emergency plans for the Pilgrim EPZ to be inadequate and we will not be able to judge their adequacy until they are complete.

If you have any questions regarding this Interim Public Information Brochure, I ask that you contact Buzz Hausner of my staff at (617) 875-1381.

Sincerely,


Robert J. Boulay
Director

EMERGENCY INFORMATION

If you are a resident of Plymouth, Marshfield, Duxbury, Kingston or Carver, this booklet will help you and your family prepare, in advance, for an emergency at the Pilgrim Nuclear Power Station. Much of this information also applies to other emergencies, such as hurricanes, tornadoes, chemical spills or large fires.

In an emergency, you will be alerted in several ways:

- Town Civil Defense sirens - three to five minutes of steady siren tone,
- Tone-alert radios installed in some buildings,
- Police or other vehicles with loudspeakers.

When you hear any of these warning signals, go inside and turn on your radio to one of the following local Emergency Broadcast System (EBS) radio stations:

- WROR-FM Radio 98.5.
- WPLM Radio 1390 AM and 99.1 FM
- WATD-FM Radio 95.9

Your EBS radio stations are the best source of official information and instructions.

If Officials say to TAKE SHELTER:

- Go indoors and close all windows and doors.
- Turn off fans, air conditioners, or any other sources of outside air.
- Listen to your EBS radio station for further information and instructions.
- Stay inside until officials say otherwise. If you must go outside, put a folded handkerchief or a towel over your mouth and nose as a precaution against breathing contaminated air.
- If you are traveling in the area, go to your home, your hotel or a public building and go inside.

If Officials say to EVACUATE:

- Stay calm. You will have plenty of time to leave the area.
- If you are at home, plan to take:
 - two changes of clothes for each person
 - prescription medicines or medical equipment (if needed)
 - baby formula, diapers, etc. (if needed)
 - toilet articles
 - identification and important personal papers
 - money, credit cards and checkbook
 - special diet foods (if needed)
- Put your pets indoors with several days supply of food and water. Do not bring pets to a Reception Center, except seeing-eye or hearing-ear dogs. If you have livestock, shelter them and provide stored feed and water for several days.
- Close and lock windows and doors. Turn off lights and unnecessary appliances.
- If you need a ride, try to carpool with neighbors. If you need additional assistance, call your local Civil Defense office for help. The phone numbers are:

- Plymouth -- 746-4186
- Duxbury -- 934-7159
- Carver -- 866-5219
- Marshfield -- 834-6655
- Kingston -- 585-3135

- Keep windows and air vents in your car closed until you are out of the area. Officials may advise you to cover your mouth and nose with a handkerchief or towel when you have to go outside to reduce breathing contaminated air.

Reception Center Information

There are currently two reception centers designated to receive residents which have exited out of the area surrounding the Pilgrim Nuclear Power Station. The Reception Centers are Bridgewater State College and Taunton State Hospital. We are conducting an analysis which will provide information on the necessity of a third reception center. After we have received and evaluated this study, we will determine if a third reception center is required.

Evacuation Routes

Plymouth - Utilize the best possible routes to Route 3, 3A or US Route 44.

Take Routes 3 or 3A south to Route 6; west to Route 25; continue west on I-495
-or- Take US Route 44 west.

Kingston - Utilize the best possible routes to Routes 3, 3A, 106, 27 or 80.

Take Route 3 or 3A north -or- Take Route 106 west -or- Take Route 27 west -or-
Take Route 80 east to Main Street to Route 106 west.

Carver - Utilize the best possible routes to Route 58.

Take Tremont Road to Route 58 south to I-495 west -or- Take Route 58 North to
US Route 44 west.

Duxbury - Utilize the best possible routes to 3, 3A, 14 or 53.

Take Route 3 or 3A north to Route 139 west -or- Take Route 14 west -or- Take
Route 53 north to Route 14 west.

Marshfield - Utilize the best possible routes to Routes 139, 3 or 3A.

Take Route 139 west -or- Take Routes 3 or 3A north.

Getting Prepared

You can take some actions now to make things easier in any kind of emergency. Here are the most important ways to prepare:

- Collect important papers and store them in a safe place where you can get to them quickly.
- Keep emergency items in one place. This may include a flashlight, extra batteries, extra set of car keys, first aid kit, portable radio, necessary medication, and other items you may want quickly.

Special Assistance

Let local officials know in advance if you, or someone you know in the area, will need any special assistance in an emergency. Call your Town Hall or Civil Defense Office now. Special arrangements will be made to help those with special needs such as blindness, hearing difficulty, use of a wheelchair, or difficulty in walking.

Nuclear Plant Emergencies

There are four levels of emergency at nuclear plants depending on how serious they are. Here is a list beginning with the least serious:

Unusual Event

A minor problem has occurred at the plant. State and local officials would be notified. However, people in the area would not have to take any special actions.

Alert

Not a serious problem, but it could affect plant safety. State and local officials would be ready to act if it gets worse. People in the area would not have to take any special actions.

Site Area Emergency

A more serious problem has occurred. A small release of radioactive materials from the plant is possible. State and local officials would keep residents and visitors in the area fully informed about any necessary actions through the warning signals and the Emergency Broadcast System radio stations.

General Emergency

The most serious type of emergency. It could involve serious damage at the plant and the release of radioactive materials. State officials may advise people in the area to take shelter or evacuate to a safer location. Special instructions and other important information would be issued over the Emergency Broadcast System radio stations.

Facts About Radiation

Radiation is a natural part of our everyday life. Everyone receives small amounts of radiation each day from the sun, air, our food, and the soil and rocks around us. Even our bodies are radioactive. People also receive radiation from other sources like medical X-rays and color television sets. Even though radiation cannot be seen, tasted, felt, heard, or smelled, it can be accurately measured with special instruments. Radiation is measured in units called millirems. The average person in this country receives about 200 millirems of radiation per year from natural and manmade sources.

For more information, call or write:

Massachusetts Civil Defense Agency/
Office of Emergency Preparedness
400 Worcester Road
P.O. Box 1496
Framingham, MA 01701
(617) 875-1381

Massachusetts Department of Public Health
Radiation Control Program
150 Tremont Street
Boston, MA 02111
(617) 727-6214

