

BOSTON EDISON COMPANY
GENERAL OFFICES 800 BOYLSTON STREET
BOSTON, MASSACHUSETTS 02199

ROBERT M. BUTLER
MANAGER
NUCLEAR PROJECTS DEPARTMENT

August 2, 1979

Director of Nuclear Reactor Regulation
Attention: Mr. O. D. Parr, Chief
Branch No. 3
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Pilgrim Station Unit 2
Emergency Planning
Response to NRC Inquiry

Dear Sir:

On July 20, 1979 NRC Staff made the following request:

"Provide information on the means to be employed and the times necessary to inform citizens of the need for protective action within 10 miles of the site."

On July 27, 1979, the Massachusetts Civil Defense Agency was contacted by us.

Officials of the Civil Defense Agency were able to provide the following information and estimates.

1. For a 5-mile radius around Pilgrim the Civil Defense Agency believes it can notify nearly everyone (99%) within one hour of a decision to broadcast such notice. This 5-mile area involves only the Town of Plymouth. The Town of Plymouth plan provides for notification by way of sound trucks, direct contact by police, and radio and TV announcements (previously prepared).
2. At a distance of 10 miles, the Civil Defense Agency believes a one hour period will be adequate to notify nearly everyone. The Town of Plymouth is expected to provide notice over its area by the same methods used under the present 5-mile plan. However, the 10-mile radius would include portions of several other towns, and emergency planning in these towns has not progressed so far as it has in Plymouth. Once these towns between 5 and 10 miles establish their plans, as coordinated by the Massachusetts Civil Defense Agency, they would rely on notification procedures similar to those planned in Plymouth (i.e., sound trucks, police, radio and TV announcements).

587 345

7908090445

BOSTON EDISON COMPANY

Mr. Olan D. Parr

2.

August 2, 1979

NRC Staff has also requested information on evacuation times. The Massachusetts Civil Defense Agency made the following comments.

1. For the 5-mile radius, Civil Defense has estimated that evacuation can currently be carried out within 4-6 hours from the decision time. This assumes peak population numbers in the range of 24,000-40,000 people.
2. For the 5-10 mile distance, Civil Defense also feels that 4-6 hours will be adequate for evacuation once 10-mile plans are completed.

Very truly yours,

Kelvin M. Bickel

WRG/cac

cc: Service List

587 346

SERVICE LIST

Andrew C. Goodhope, Esq.
Chairman, Atomic Safety and
Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. A. Dixon Callihan
Union Carbide Corporation
P. O. Box Y
Oak Ridge, Tennessee 37830

Dr. Richard F. Cole
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Laurie Burt, Esq.
Michael B. Meyer, Esq.
Francis S. Wright, Esq.
Assistant Attorney General
Commonwealth of Massachusetts
Environmental Protection Division
One Ashburton Place
Boston, MA. 02108

Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Atomic Safety & Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Marcia E. Mulkey, Esq.
Barry H. Smith, Esq.
Office of the Executive Legal
Director
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Henry Herrman, Esq.
50 Congress St.
Boston, MA. 02109

Mr. & Mrs. Alan R. Cleeton
22 Macintosh Street
Franklin, MA. 02038

William S. Abbott, Esq.
50 Congress Street, S. 925
Boston, MA. 02109

Edward L. Selgrade, Esq.
Patrick J. Kenny, Esq.
Mass. Office of Energy Resources
73 Tremont Street
Boston, MA. 02108

Office of the Secretary
Docketing and Service Section
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Chief Librarian
Plymouth Public Library
North Street
Plymouth, MA. 02360

587 347