

ROPES & GRAY
225 FRANKLIN STREET
BOSTON 02110

CABLE ADDRESS ROPGRALOR
TELEX NUMBER 940519

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June 26, 1979



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

Re: Boston Edison Company (Pilgrim Nuclear
Generating Station, Unit 2)
Docket No. 50-471

Dear Sir:

Please find enclosed for filing in the above-captioned matter "Applicant Boston Edison Company's Objections and Motions for Protective Orders and Objections to Certain of Interrogatories Propounded by the Commonwealth of Massachusetts Concerning the "Need for Power" Issue" and an original Certificate of Service. Twenty additional copies are being forwarded to you under separate cover.

Very truly yours,

George H. Lewald
George H. Lewald

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Enclosure

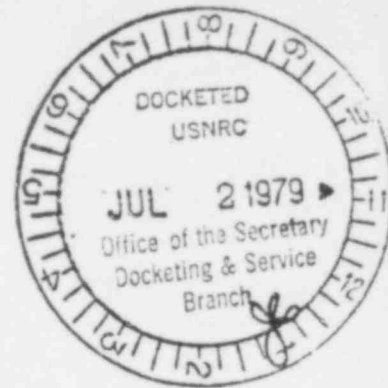
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RELATED CORRESPONDENCE

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD



In the Matter of

BOSTON EDISON COMPANY et al.

(Pilgrim Nuclear Generating Station,
Unit 2)

Docket No. 50-471

APPLICANT BOSTON EDISON COMPANY'S OBJECTIONS
AND MOTIONS FOR PROTECTIVE ORDERS AND
OBJECTIONS TO CERTAIN OF INTERROGATORIES
PROPOUNDED BY THE COMMONWEALTH OF MASSACHUSETTS
CONCERNING THE "NEED FOR POWER" ISSUE

Applicant Boston Edison Company pursuant to 10 CFR § 2.740
herein objects and/or requests protective orders of this Board
with respect to the following interrogatories propounded to it
by the Commonwealth of Massachusetts.

Interrogatory 33.

33. For each of the following nuclear power
plants in New England:

1. Pilgrim I;
2. Millstone II;
3. Vermont Yankee;
4. Maine Yankee; and
5. Connecticut Yankee.

Please provide the following information:

- a. the effective date of:
 1. limited work authorization
(if any),
 2. construction permit,
 3. operating license,

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- b. the cost history of the plant,
including for each estimate made:
 - 1. the date of the estimate,
 - 2. estimate in-service data,
 - 3. estimated plant cost, including
initial core,
 - 4. estimated AFUDC,
- c. the final actual cost of the plant.

Applicant Boston Edison Company to whom Interrogatory 33 is propounded objects to that part of said interrogatory which seeks information as to Millstone 2, Vermont Yankee and Maine Yankee for reason that Boston Edison Company has no ownership interest in said plants and does not have the information requested relating to said plants.

Interrogatory 34.

- 34. Please provide the following information for Seabrook 1 and 2 and Millstone 3:
 - a. effective date of
 - 1. limited work authorization;
 - 2. construction permit;
 - b. latest cost estimate update;
 - c. the current estimates of percentage of plant completed, of in-service date, and of total expenditures to date.

Applicant Boston Edison Company to whom Interrogatory 34 is propounded objects to said interrogatory for reason that Boston Edison has no ownership interest in Seabrook 1 and 2 and Millstone 3 and does not have the information requested by said interrogatory relating to the subject plants.

Interrogatory 35.

35. Please supply the following information for each existing nuclear plant in New England for each year of its life:

- a. total operating and maintenance expense (O+M);
- b. O+M per MW;
- c. O+M per net MWH generated; and
- d. additions to capital cost, as total dollar amount and as % of initial construction cost.

Applicant Boston Edison Company to whom Interrogatory 35 is propounded objects to Interrogatory 35(d) insofar as said interrogatory seeks information with respect to New England nuclear plants in which Boston Edison Company has no ownership interest and as to which it does not have the information requested.

Interrogatory 39.

39. Please provide, for Pilgrim II commercial operation of 12/85/, 12/88, 12/91, and 12/94, the capital-related costs which BECO (as opposed to its customers) would expect to incur in each year 1979 to 2020, in connection with Pilgrim II. Please list separately construction costs (as incurred), Operating and Maintenance expenses, property taxes, and nuclear fuel purchases.

Applicant Boston Edison objects to so much of Interrogatory 39 as calls upon Boston Edison to provide for hypothetical commercial operation dates of 12/91 and 12/94, certain capital-related costs, operating and maintenance costs, and fuel purchases which Boston Edison might expect to incur in

each year 1979 to 2020. Boston Edison does not now have in its possession the information which is requested. In order to provide the information, Boston Edison at great expense and time would have to undertake separate studies and evaluations of no utility to it. Boston Edison will provide the information requested by the interrogatory for commercial dates of 12/85 and 12/88 but requests that a protective order issue to protect it from the undue burden and expense of conducting studies and evaluation with respect to other commercial dates viz: December 1991 and 1994.

Interrogatory 40.

40. Please provide recalculations of the "Fuel" tables of Ex. NP-37, NP-39, and NP-41, assuming Pilgrim II actually achieves the same capacity factor in each year of operation that Pilgrim I achieved in the corresponding calendar year of operation.

Applicant Boston Edison Company objects to Interrogatory 40 for reason that it has not now in its possession calculations of the "Fuel" tables of Exhibits NP-37, NP-39 and NP-41 which assume Pilgrim 2 achieves capacity factors corresponding to those achieved by Pilgrim 1 in each calendar year of operation. In order to put itself in a position to provide the information requested, Boston Edison would have to undertake a recalculation of three exhibits for each of

seven years Pilgrim 1 has been in operation, all at great expense and burden to it, and for no apparent purpose other than to provide the intervenors with a hypothetical postulated argument. It is requested that a protective order issue protecting Boston Edison from the preparation of and the burden of carrying out the recalculations sought by said interrogatory.

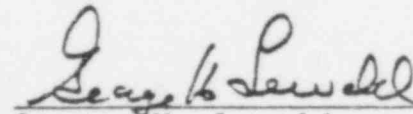
Interrogatory 41.

41. Please provide the following documentation for "the Company's production cost program" and its application:
- a. a listing of the program;
 - b. a copy of the user's manual for the language in which it is written;
 - c. a copy of any existing user's manual or instructions for the program;
 - d. a flow chart of the program; and
 - e. complete inputs and outputs for all runs of the program used in developing the Exhibits NP-33 through NP-43.


Applicant Boston Edison Company objects to Interrogatory 41 which calls for the Company to provide the Commonwealth with certain documentation relating to "the Company's production cost program" and its application. The so-called "Company's production cost program" as the Attorney General is well aware from Massachusetts DPU proceeding, DPU Docket No. 19494, in which he is an intervenor, is a computer program under copyright by General Electric

Company, which Boston Edison Company is not at liberty to reproduce under the terms of its agreement with the General Electric Company. As in DPU 19494, Boston Edison Company will make the information requested available for inspection by the Attorney General or his designee on the Company's premises for the purposes of this proceeding pursuant to a protective agreement that the person or persons will not copy or disclose the program to third parties. The input assumptions and outputs for all runs of the computer program used in developing the Exhibits in the instant proceeding will be provided in accordance with the interrogatory's request. Accordingly, it is requested that for the purposes of expediting discovery that a protective order issue from this Board in the nature above-described so that the Attorney General may have his discovery while at the same time protecting the proprietary rights of General Electric Company which the Applicant Boston Edison is under obligation to safeguard.

By its Attorneys,



George H. Lewald
Ropes & Gray
225 Franklin Street
Boston, Mass. 02110



Dale G. Stoodley
Boston Edison Company
800 Boylston Street
Boston, Mass. 02199

Dated: June 26, 1979

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD



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CERTIFICATE OF SERVICE

I hereby certify that the within "Applicant Boston Edison Company's Objections and Motions for Protective Orders and Objections to Certain of Interrogatories Propounded by the Commonwealth of Massachusetts Concerning the 'Need for Power' Issue" has been served on the following by deposit of copies thereof in the United States Mail, first class mail, postage prepaid, this 26th day of June 1979:

Andrew C. Goodhope, Esq.
Chairman
Atomic Safety and Licensing Board
3320 Estelle Terrace
Wheaton, Md. 20906

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

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

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

Henry Herrmann, Esq.
Room 1045
50 Congress Street
Boston, Mass. 02109

Mr. and Mrs. Alan R. Cleeton
22 Mackintosh Street
Franklin, Mass. 02038

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

Michael B. Meyer, Esq.
Francis S. Wright, Esq.
Stephen M. Leonard, Esq.
Assistant Attorneys General
Environmental Protection Div.
Public Protection Bureau
One Ashburton Place, 19th Fl.
Boston, Mass. 02108

Atomic Safety and Licensing
Appeal Board
U. S. Nuclear Regulatory Comm.
Washington, D. C. 20555

Atomic Safety and Licensing
Board Panel
U. S. Nuclear Regulatory Comm.
Washington, D. C. 20555

Laurie Burt, Esq.
Assistant Attorney General
Environmental Protection Division
One Ashburton Place, 19th Fl.
Boston, Mass. 02108

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

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

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

George B. Lewald