

JAN 06 1986

Docket No. 50-293

Mr. William D. Harrington
Senior Vice President, Nuclear
Boston Edison Company
800 Boylston Street
Boston, Massachusetts 02199

Dear Mr. Harrington:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION, INSERVICE INSPECTION PROGRAM
FOR PILGRIM NUCLEAR POWER STATION

Re: Pilgrim Nuclear Power Station

By letter dated August 13, 1985, the NRC granted certain relief requests for the second 10-year inservice inspection interval at Pilgrim Station. However, as indicated in the enclosures with that letter and subsequent conversations with your staff, additional information will be needed to complete this review. Enclosed is our request for that information. Please respond to this request on a schedule to be negotiated with your project manager.

We also understand that relief request No. PRR-8 was inadvertently omitted from your letter dated December 3, 1982, and it will be submitted shortly.

Sincerely,

Original signed by

John A. Zwolinski, Director
BWR Project Directorate #1
Division of BWR Licensing

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

January 6, 1986

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Senior Vice President, Nuclear
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Sincerely,

A handwritten signature in dark ink, appearing to read "John A. Zwolinski".

John A. Zwolinski, Director
BWR Project Directorate #1
Division of BWR Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. William D. Harrington
Boston Edison Company

Pilgrim Nuclear Power Station

cc:

Mr. Charles J. Mathis, Station Mgr.
Boston Edison Company
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Plymouth, Massachusetts 02360

Resident Inspector's Office
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Plymouth, Massachusetts 02360

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Chairman, Board of Selectman
11 Lincoln Street
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Radiation Control Program
Massachusetts Department of
Public Health
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Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
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King of Prussia, Pennsylvania 19406

Mr. A. Victor Morisi
Boston Edison Company
25 Braintree Hill Park
Rockdale Street
Braintree, Massachusetts 02184

REQUEST FOR ADDITIONAL INFORMATION
Relative to the Second 10-year Inspection Program
Pilgrim Nuclear Power Station

1. Boston Edison's letter of June 28, 1984 (BeCo 84-095)⁽¹⁾ included a new request, PRR-9, for second-interval relief from inservice inspection requirements for 21 reactor vessel nozzles (Code Item B3.90). An SWRI examination report of reactor vessel nozzles N2B and N2K⁽²⁾ noted limitations not only to the nozzle-to-vessel welds (Item B3.90), but also to the nozzle inside radiused sections (Items B3.100) and the nozzle-to-safe end welds (Item B5.10). In order to fully resolve Relief Request PRR-9, we previously requested⁽³⁾ information on all nozzle areas requiring relief. You committed to providing such information in your letter of November 16, 1984.⁽⁴⁾ However, the information actually submitted⁽⁵⁾ dealt only with the Item B3.90 limitations. To dispose of the relief request, the more detailed information committed to in Reference 4 is needed with respect to the following:

- (a) Confirm that 21 nozzles are involved. Reference 5 shows 22 nozzles (N1A and N1B, N2A to N2K, N3A to N3D, N4A to N4D, and N6A and N6B).
- (b) Include all nozzle areas (Items B3.90, B3.100, and B5.10) requiring relief.
- (c) State what percentage of the required volume of each nozzle can be examined with meaningful results.

For Code Item B3.90, the information given in Reference 5 for Nozzles N2B and N2K should be supplied for all affected nozzles. For Code Items B5.10 and B3.100, as a minimum the information given in Reference 2 should be given for all affected nozzles.

2. Under the terms of subparagraph 10 CFR 50.55a(g)(5)(iv), where an examination or test is determined to be impractical by the licensee, but has not been previously included in the ISI program, the basis for such determinations shall be demonstrated to the satisfaction of the NRC not later than 12 months after the expiration of the interval. Please review your first-interval submittals with this requirement in mind and submit relief requests as necessary. Specifically, address any first-interval Code requirements Boston Edison was unable to meet for the 21 RPV nozzles discussed in the first question.

References

1. BECo letter 84-095, June 28, 1984.
2. As transmitted by BECo letter 82-185, July 2, 1982.
3. D. B. Vassallo (NRC) to Harrington (BECo), October 1, 1984.
4. BECo letter 84-196, November 16, 1984.
5. Richter (SWRI) to Famulari (BECo), December 4, 1984.
6. Magnaflux Quality Services Report, also transmitted by BECo letter 82-185