

BOSTON EDISON COMPANY  
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BOSTON, MASSACHUSETTS 02199

October 4, 1984  
BECO 84-167

WILLIAM D. HARRINGTON  
SENIOR VICE PRESIDENT  
NUCLEAR

Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

License No. DPR-35  
Docket No. 50-293

Resolution of Discrepancy Identified in 1984  
Core Spray Sparger Examination Final Report

Dear Sir:

The final report of our 1984 core spray sparger examination at Pilgrim was submitted for your review by letter dated June 18, 1984 (BECO 84-085). In a telephone conversation with your Mr. Bob Herman on July 16, 1984, we were informed that the NRC reviewer had identified a discrepancy in this final report. Specifically, the introduction to the final report states that visual resolution was determined by viewing a 0.001-inch diameter wire placed in the examination area. In contradiction, the Southwest Research Institute (SwRI) Procedure SwRI-NDT-900-7, Revision 6 (Appendix B to the final report) states in Section 6.1.2 that resolution is considered adequate if a 1/32-inch wide black line on an 18% neutral grey card placed on the examination surface or similar surface can be resolved.

Visual resolution during the 1984 core spray sparger examination was determined by viewing a 0.001-inch diameter wire placed in the examination area, as described in the introduction to the final report. A procedure deviation to SwRI-NDT-900-7, Revision 6 was used in the examination and is attached for your information. This procedure deviation was inadvertently omitted from Appendix B of the final report.

Please contact us if you require further information.

Very truly yours,

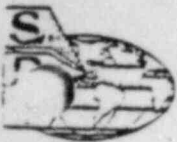
*J. E. Harrington*  
W.D. Harrington

DMV/ns

Attachment: Procedure Deviation 1, dated  
January 23, 1984, to SwRI  
Procedure SwRI-NDT-900-7,  
Revision 6

8410100434 841004  
PDR ADOCK 05000293  
Q PDR

A001  
1/1



# PROCEDURE DEVIATION

SITE:

Pilgrim Unit 1

PROCEDURE / REVISION NO.  
900-7/6

DEVIATION NO.

1

PAGE

1 OF 1

DATE REQUESTED:

January 23, 1984

SECTION:

3,6

PAGE

2,4 OF 7

1. EXAMINATION AREAS AFFECTED BY DEVIATION: List each specific area or component to be examined in accordance with this deviation (state examination period, component identification, line identification, weld identification, etc.)

Remote visual examinations of the reactor core spray spargers and the segment of piping between the inlet nozzle and vessel shroud conducted during the 1984 ISI of Pilgrim Unit 1 shall be affected by this deviation.

2. DEVIATION: It is requested that the paragraphs below in the above procedure / revision be deviated from as follows (use exact wording proposed, additional sheets may be used if necessary):

Add the following to 3.

- (3) Nuclear Regulatory Commission (NRC) IE Bulletin No. 80-13 dated May 12, 1980.

Change the second paragraph of 6.1.2 to read as follows:

Resolution shall be considered adequate when the combination of access, lighting, and angles of vision can resolve a .001 inch diameter wire placed adjacent to the examination area.

3. JUSTIFICATION: Reason change is necessary and what it is intended to accomplish (use additional sheets if necessary):

This change is necessary to incorporate the technical requirements of NRC IE Bulletin No. 80-13.