

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

G. CARL ANDOGNINI
SUPERINTENDENT
NUCLEAR OPERATIONS DEPARTMENT

August 22, 1980

BECO. Ltr. #80-198

Mr. Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Operating Reactors
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Final Report on Inservice Inspections
Conducted During Refueling Outage

- Ref. a.) BECo letter (J. E. Howard) to NRC (T. A. Ippolito)
"Supplement to Reload 4 Submittal and Request for
Technical Specification Change" dated April 3, 1980
- b.) Inspection Report No. 50-293/80-3, dated February 12, 1980

Dear Sir:

The 1980 Inservice Inspection of the Pilgrim Nuclear Power Station Unit #1 was completed on May 19, 1980, and in accordance with the requirements of ASME Section XI, Boston Edison Company is submitting the final report of all inservice inspection activities conducted during the refueling outage. Examinations were conducted by Southwest Research Institute and Peabody Testing Services. The examinations conducted by Southwest Research Institute included mechanized manual examinations of the reactor pressure vessel and nozzle welds and a remote visual examination of the accessible portions of the reactor internals (a separate report is included for each examination). Peabody Testing Services conducted manual and direct visual examinations of Class 1 and 2 pipe welds and components.

The results of the mechanized, manual and direct visual examinations did not reveal any unacceptable results; however, in conducting the remote visual examination of the core spray sparger, several surface indications were reported. The results of this inspection were submitted to your office prior to start-up via Reference a.). During our next refueling outage the core spray sparger will be re-examined to determine if any of the flaws have promulgated.

A001
S/3

8008280379 Q

Mr. Thomas A. Ippolito, Chief
August 22, 1980
Page 2

The third re-examination of the N2B nozzle was conducted during this outage and the results of the inspection indicated that the flaw is well within the original parameters set-forth by the ACRS in 1974. The re-examination was conducted in accordance with the procedure, technique and equipment utilized during the 1976, and 1977 inspection. The results of the 1980 inspection were reviewed during an I&E inspection (Reference b.) in which the inspector concurred that the indication is well within the original tolerances defined by the ACRS. Based on this evaluation the N2B nozzle will be returned to its normal inspection frequency which would require that the nozzle be re-inspected during the first period of the second interval (1983 Refueling Outage). The re-inspection of the N2B nozzle will be conducted in accordance with the requirements and technique as defined in the approved edition of Section XI in force at that time.

Very truly yours,

Carl Andognini
EG

attachments: 3 Copies Final Report

cc: Director, Office of Inspection & Enforcement
Region I (1 copy)