

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

Region I

Report No. 50-471/79-01

Docket No. 50-471

License No. --- Priority --- Category A

Licensee: Boston Edison Company

800 Boylston Street

Boston, Massachusetts 02199

Facility Name: Pilgrim Nuclear Generating Station, Unit 2

Inspection at: Plymouth, Kingston and Boston, Massachusetts

Inspection conducted: February 7-9, 1979

Inspectors: J. Mattia
J. Mattia, Reactor Inspector

3/13/79
date signed

date signed

date signed

Approved by: R. W. McLaughlin
R. W. McLaughlin, Chief, Projects Section,
RC&ES Branch

March 19, 1979
date signed

Inspection Summary:

Inspection on February 7-9, 1979 (Report No. 50-471/79-01)
Areas Inspected: Routine, unannounced inspection of quality assurance activities associated with receiving, handling and storage of safety-related components. The inspector also reviewed licensee action on previous inspection findings. The inspection involved 14 inspector-hours on site by one NRC inspector.
Results: No items of noncompliance were identified.

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DETAILS

1. Persons Contacted

Boston Edison Company

W. Anderson, Project Engineer
D. Bryant, Project Engineer
R. Butler, Nuclear Projects Manager
*M. Sides, QA Manager
*M. Yessaillan, QA Procurement Group Leader

Bechtel Corporation

R. MacDonald, Responsible Field Engineer
R. Matthews, Materials Control Supervisor

* denotes those present at the exit interview

2. Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item (471/78-01-01): The inspector verified that the licensee conducted a review of the C. E. Avery's (fabricator of reactor internals) QA Manual to determine that it conformed to PSAR commitments. The licensee reviewed the QA Manual during an audit (BECO Audit #78-19) of C. E. Avery. The QA Manual conformed to ASME Section III (NCA 4000) and was approved. The licensee also revised his QA program to include their audit findings known as "Action Items". Their procedure, number 19.01 entitled, "Action Item Follow Program" was deleted and a new procedure, number 18.03 was issued on November 24, 1978 to include "Action Items" in their 18 criteria QA program.

This item is considered resolved.

(Closed) Unresolved Item (471/78-01-02): The licensee stated that the Responsible Field Engineer who is performing the meggering of the safety-related motors is not covered by the ANSI N45.2.6 Standard. However, the licensee observed (BECO Inspection Report No. 79-01), the Field Engineer performing an insulation resistance test and confirmed that the man was proficient. The inspector reviewed several insulation resistance test reports to verify that the correct test voltage was used.

This item is considered resolved.

3. Project Status

Design work by Bechtel is 55% complete as of January 15, 1979. Their engineering progress is as follows:

	<u>Total Required</u>	<u>Number Completed</u>
System Descriptions	98	63
Specifications	360	228
Drawing	5750	917
Procurements	222	49

Design work by Combustion Engineering, the NSSS, is approximately 85% complete. The status of major equipment by the NSSS is as follows:

Reactor Pressure Vessel and Pressurizer	complete
Primary Coolant Pumps	90% complete
Steam Generators	92% complete
Reactor Coolant Piping	Complete

4. Storage of Safety-Related Equipment

The licensee currently has two warehouses where safety-related and non-safety-related equipment is being stored. The inspector examined records and work activities of safety-related equipment in accordance with vendor instructions, Bechtel procedures and regulatory requirements. The following safety-related equipment has been received and is stored at the warehouses:

- safety injection motors (tag nos. 2-I-314A and 315A)
- charging pumps and motors (tag nos. 2-P-302A, B and C)
- equipment drain pump (tag nos. 2-P-305A)
- boric acid pump (tag nos 2P-303A and B)
- holdup tank pumps (tag nos. 2P-309A and B)
- reactor coolant pump supports (tag no. 2S-218)
- pulsation damper (tag no. 2S-301)

The inspector examined the storage of all the above equipment and randomly selected several of the maintenance activity cards for this equipment, to verify that the required storage maintenance had been performed at the required frequencies. The inspector concluded that the equipment supplier's storage requirements were being met.

The inspector also verified that the new storage facility complied with the level B requirements as specified in ANSI N45.2.2. The specific attributes of ANSI N45.2.2 were inspected:

- precautions have been taken against vandalism
- items are placed on pallets or shoring to permit air circulation
- uniform heating and temperature controls have been provided
- floors are paved and well drained
- controlled access to storage areas has been provided
- cleanliness and good housekeeping practices are enforced
- fire protection has been provided and maintained
- rodent control has been provided

No items of noncompliance were identified.

5. Exit Interview

The inspector met with licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on February 9, 1979. The inspector summarized the purpose and scope of the inspection and the findings.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUNE 6 1979

Docket No. 50-321

MEMORANDUM FOR: T. A. Ippolito, Chief, ORB #3, DOR
FROM: D. M. Verrelli, Project Manager, ORB #3, DOR
SUBJECT: FORTHCOMING MEETING WITH GEORGIA POWER COMPANY

Time & Date:

~~9:00 A.M.~~ 1:00 P.M.
June 13, 1979

Location:

~~P-130A~~ P-500

Purpose:

Discuss with Georgia Power Company, reload application for Hatch Unit No. 1. Specific items of discussion include EOC Recirculation Pump Trip and RPS Power Supply design and Technical Specifications.

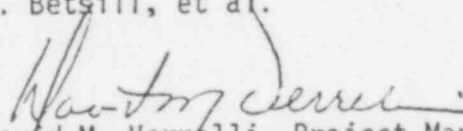
Participants:

NRC

J. T. Beard, D. Tondi, D. Verrelli,
T. Ippolito, NRC Consultants, M. Mendonca

GPC

J. Betsill, et al.


David M. Verrelli, Project Manager
Operating Reactors Branch #3
Division of Operating Reactors

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