

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

REGION I

Report No. 50-293/80-24

Docket No. 50-293

License No. DPR-35 Priority -- Category C

Licensee: Boston Edison Company M/C Nuclear
ATTN: Mr. G. Carl Andognini, Manager
Nuclear Operations Department
800 Boylston Street
Boston, Massachusetts 02199

Facility Name: Pilgrim, Unit 1

Inspection At: Plymouth, Massachusetts

Inspection Conducted: April 9-10, 1980

Inspectors: A. E. Finkel
A. E. Finkel, Reactor Inspector

June 6, 1980
date

date

date

Approved by: S. D. Ebner
S. D. Ebner, Chief, Engineering Support
Section #2, RC&ES Branch

6/13/80
date

Inspection Summary: Inspection on April 9-10, 1980 (Report No. 50-293/80-24)

Area Inspected: Routine announced inspection of the installed Main Steam ADS System Relief Valve Solenoid Valves including cable, raceways, junction boxes and penetrations as described in the IEB 79-01B licensee submittal dated April 1, 1980. The inspection involved 12 hours on site by one regional based NRC inspector.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

Boston Edison Company

J. Fulton, Senior Licensing Manager
*P. Holtman, Senior Engineer
*P. McGuire, Station Manager

*Denotes those present at the exit interview.

2. IEB 79-01B - Installation Verification

The inspector on April 9-10, 1980 with the assistance of Mr. K. Roberts, NRC resident inspector, performed a IEB 79-01B verification inspection at the Pilgrim I site. The inspection was performed in accordance with the inspection instructions entitled "Inspection Requirements for Verifying Reactor Licensee Responses to IE Bulletin No. 79-01B.

-- Main Steam A/C System

The inspection consisted of verifying that the relief valve solenoid valves for valve no's SV203-3A, 203-3B, 203-3C and 203-3D were the identical items as listed in the licensee's 90 day submittal in response to IEB 79-01B.

In verifying the cables, raceways, junction boxes, and penetrations, the following licensee's documentation was reviewed.

- Safety related cable schemes SXNS-10-XD, and SXNS1-AC,
- Raceway Numbers X172 and X370
- Automatic Blowdown System Drawing 730E900 Sheet and Sheet 2
- Wiring Block Diagram - Auto Blowdown System E-128
- Reactor Drywell Drawing E-338 for plan above elevation 40'9" to elevation 51'0"
- Safety System Equipment Lists 90 Day Report Printout #1
- Target Rock 6X10 Relief Valve Model 7567F Drawing 7567F-010

During the drawing review the licensee informed the inspector that the ADS solenoid valves identified in the 90 day report as ASCO model HT830G-B64F were to be replaced with Target Rock model 1/2SMS-A-01 serial numbers 1049, 1040, 1048 and 1054. The inspector verified that the ASCO solenoid valves were not replaced with the new target rock model during the containment inspection. The licensee stated that the target rock solenoids would

be replaced after the hydro testing was completed. The inspector verified that the replacement Target Rock solenoid valves were in stock. A review of the work package for the installation of the Target Rock model was not ready during this inspection period and the licensee was informed that this installation package would be reviewed during a later inspection.

The NRC resident addressed this modification in inspection report 50-293/80-18 at which time it was not completed. This has been identified by the resident inspector and will be verified during a future inspection.

3. Exit Interview

At the conclusion of the inspection on April 10, 1980, a meeting was held at the Pilgrim Unit 1 site with representatives of the licensee. Attendees at this meeting included personnel whose names are indicated by notation(*) in paragraph 1. The inspector summarized the results of the inspection as described in this report.