

January 30, 1985

Docket No. 50-293

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BSiegel

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

Dear Mr. Harrington:

SUBJECT: MARK I CONTAINMENT LONG TERM PROGRAM

Re: Pilgrim Nuclear Power Station

We have completed our post-implementation audit review of the Pilgrim Plant Unique Analysis Report (PUAR) for the Mark I containment long term program. Enclosed are the staff's Safety Evaluations for the pool dynamic and structural load aspects of this program. Technical assistance was provided by Brookhaven National Laboratory for the pool dynamic load audit review and by Franklin Research Center for the structural audit review. Copies of their technical evaluations are also enclosed.

The staff has determined that all but a few of the modifications made by the Boston Edison Company are in accordance with the generic acceptance criteria contained in Appendix A of NUREG-0661, Mark I Containment Long Term Program and its supplement. Where deviations from the acceptance criteria specified in NUREG-0661 have been taken, they have been found acceptable. Therefore, the staff has concluded that Boston Edison's PUAR analysis verified that the containment modifications made have restored the original design safety margin to the Mark I containment at the Pilgrim Station. This action completes our review of this issue.

The vacuum breakers on Mark I containments, which were the subject of Generic Letter 83-02, are not considered within the scope of the Mark I containment long term program. This issue will be reviewed independently at a later date.

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We request that you submit, within 90 days of receipt of this letter, any Technical Specification changes required as a result of the Mark I containment modifications you have made (i.e., torus to drywell differential pressure control changes, torus water level changes).

Sincerely,

Original signed by/


Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing


Enclosures:

1. Safety Evaluation - Pool Dynamics Load
2. Safety Evaluation - Structural Review
3. BNL Technical Evaluation
4. FRC Technical Evaluation

cc w/enclosures:
See next page

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ORB#2:DL
DBVassallo
1/30/85

Mr. William D. Harrington
Boston Edison Company
Pilgrim Nuclear Power Station

cc:

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