

BOSTON EDISON

Pilgrim Nuclear Power Station Rocky Hill Road Plymouth, Massachusetts 02360

> September 17, 1988 BECo 88-135

Ralph G. Bird Senior Vice President — Nuclear

U. S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

> License DPR-35 Docket 50-293

ANNUAL MAIN BREAKWATER MONITORING REPORT

References:

1. BECo from Mr. A. V. Morisi to Mr. T. A. Ippolito, dated Na. 30, 1981 (BECo 81-67)

2. BECo letter from Mr. W. D. Harrington to Mr. D. B. Vassallo,

dated July 7, 1983 (BECo 83-176)

3. NRC letter from Mr. J. A. Zwolinski to Mr. W. D. Harrington, dated March 25, 1986

Dear Sir:

Attached is the report of our annual survey of the main breakwater at the Pilgrim Nuclear Power Station. This report fulfills the commitment made in Reference 1, as modified by References 2 and 3, to submit annually to the NRC the documented findings of all surveys of the main breakwater performed during the previous year. The survey was performed by a surveyor registered in the State of Massachusetts and included the seaward and leeward sides of the main breakwater as well as a topographical survey. The survey photographs are provided in Attachment 1 for your information. The results of the topographical survey are provided in Drawing C1181 (Attachment 2).

We have determined that no major stone movement or major damage has occurred to the main breakwater based on comparing the 1988 survey results with 1981 and 1987 survey results. Walkdowns and year-to-year photograph comparisons have revealed some rock dislodging along both sides of the main breakwater, but these rock movements are considered minor and insignificant to the structural integrity of the main breakwater. We therefore conclude that the main breakwater remains adequately constructed to perform its designed safety function.

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PHOTOS & DAWINGS

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Page Two

Attachments:

Survey Photographs of the Main Breakwater, July 1988
 (Attachment 1 provided with the original letter only.)
 Drawing C1181, Sheet 2 of 2, Revision EO, Main Breakwater Camera Locations and Survey Information (July 25, 1988)

PMK/amm/2433

cc:

Mr. D. McDonald, Project Manager Office of Nuclear Reactor Regulation U. S. Nuclear Regulatory Commission Mail Station P1-137 Washington, D. C. 20555

U. S. Nuclear Regulatory Commission Region I 475 Allendale Road King of Prussia, PA 19406

Senior NRC Resident Inspector Pilgrim Nuclear Power Station ATTACHMENT 2 TO BECO LETTER NO. 88-135

Main Breakwater Camera Locations and Survey Information

Drawing C1181 Sheet 2 of 2 Revision EO







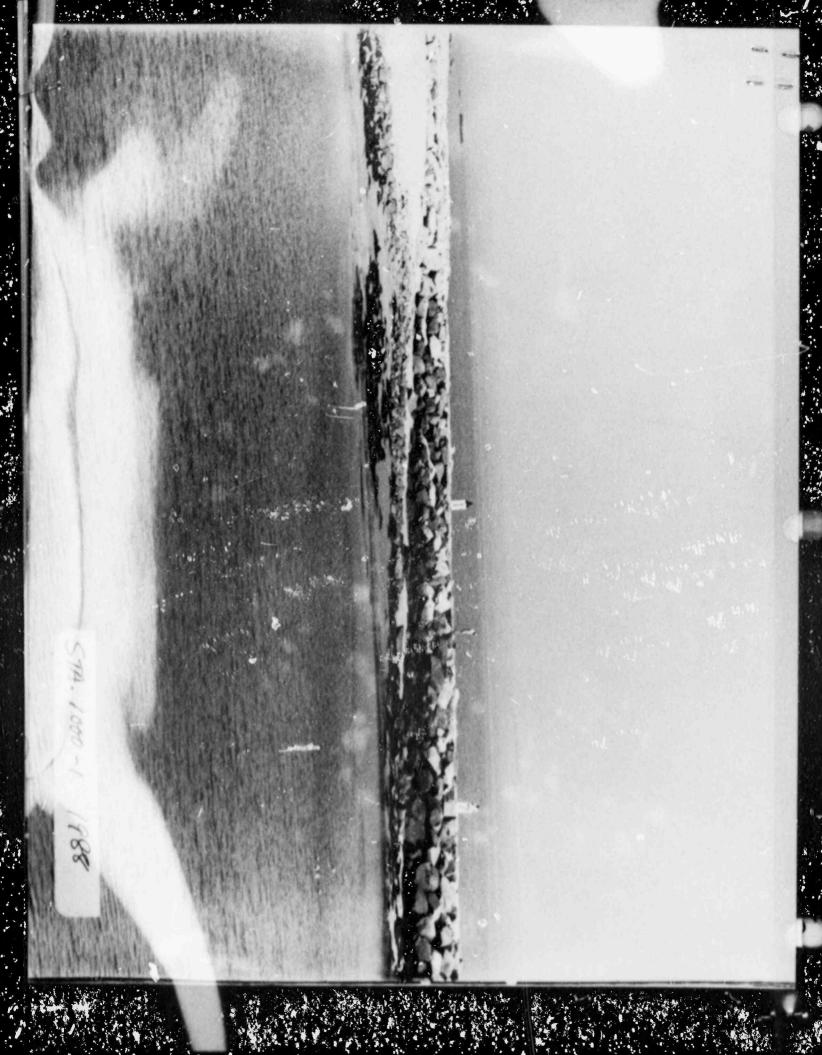
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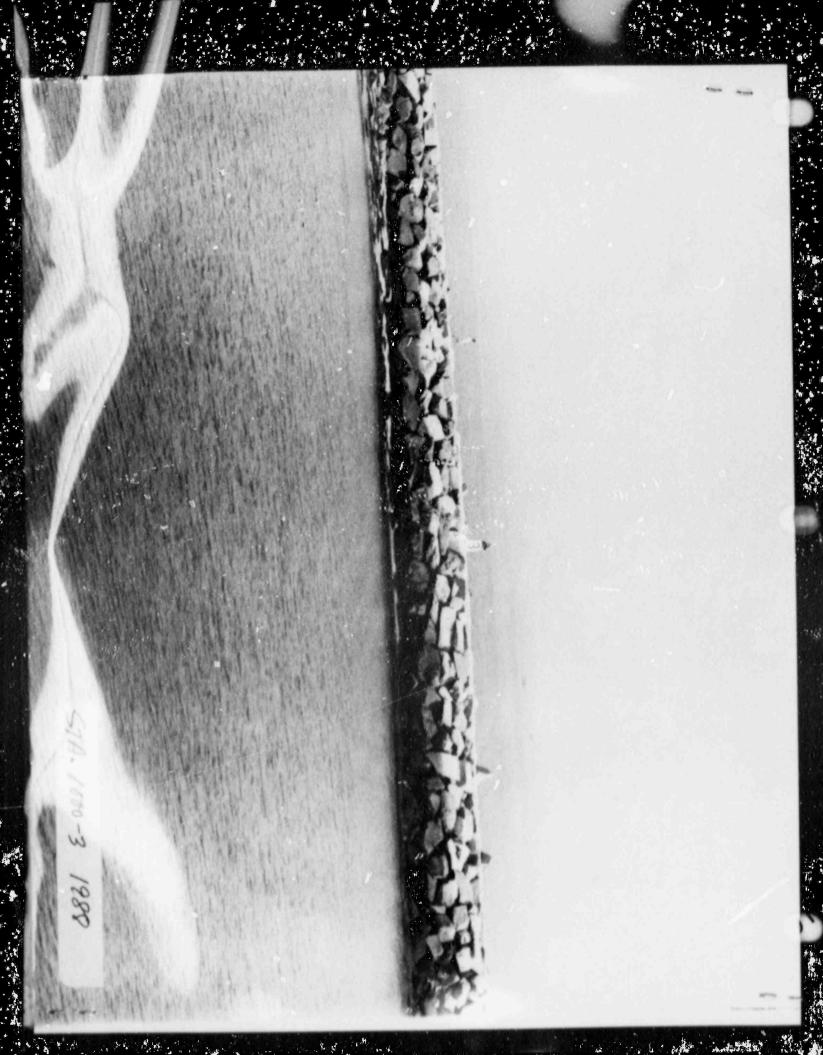


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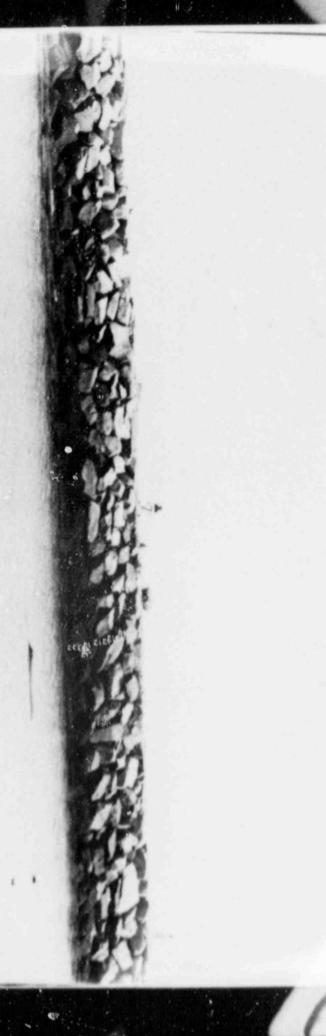


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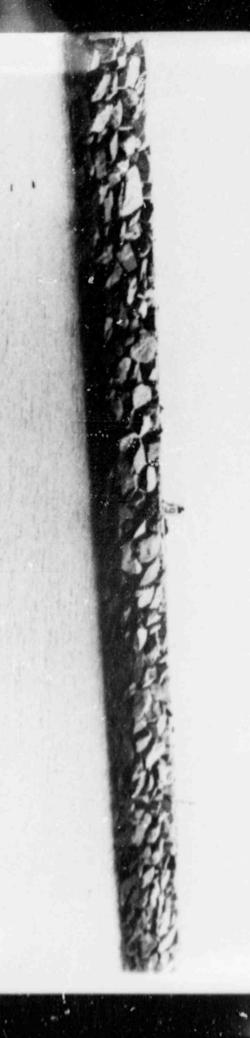




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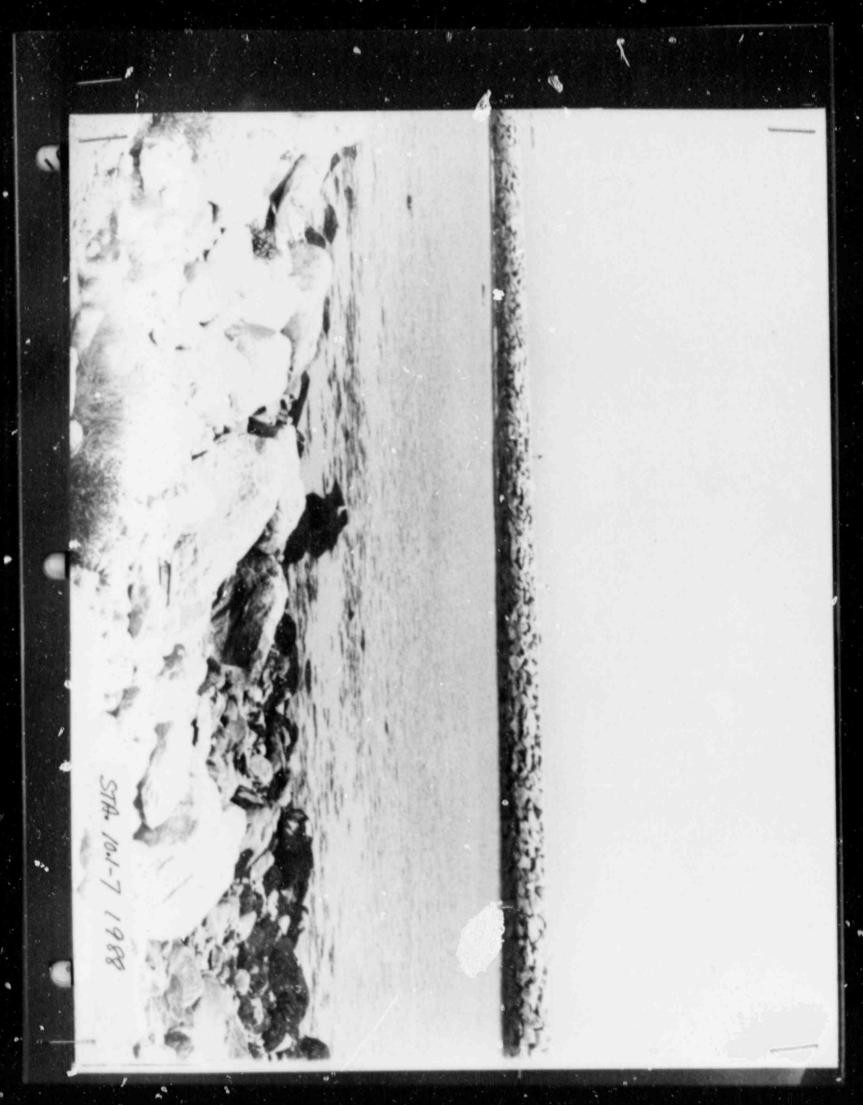
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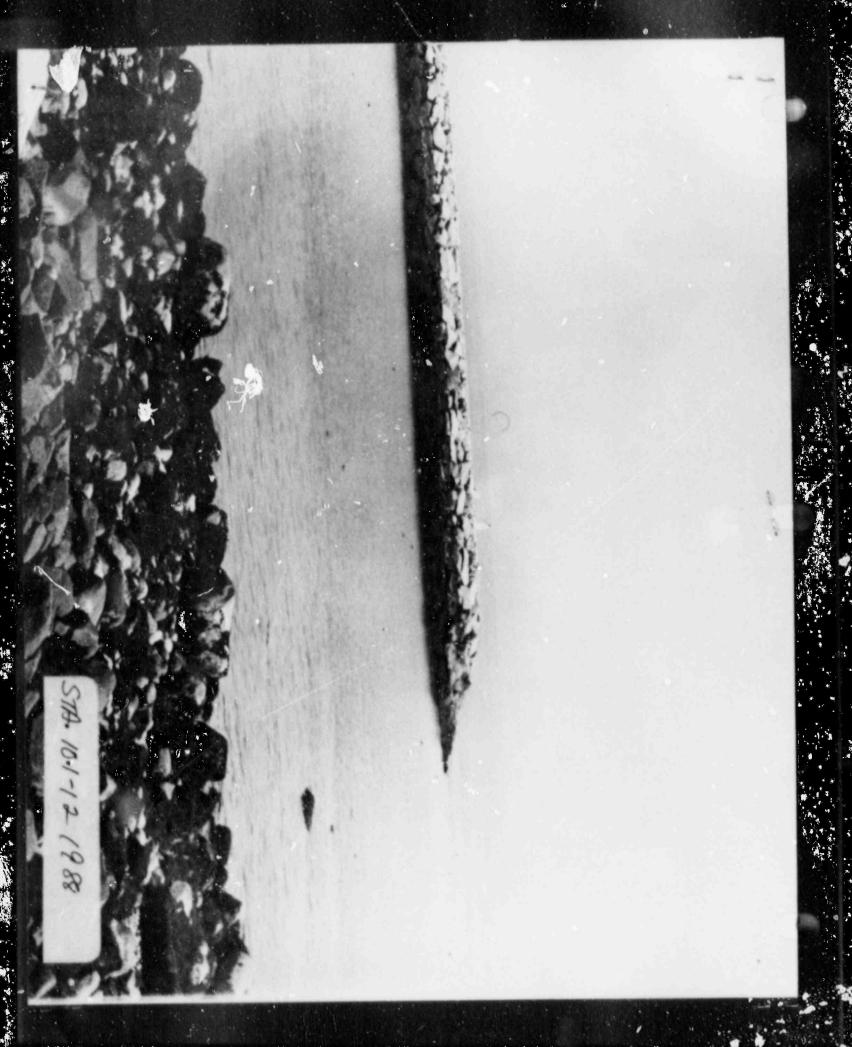
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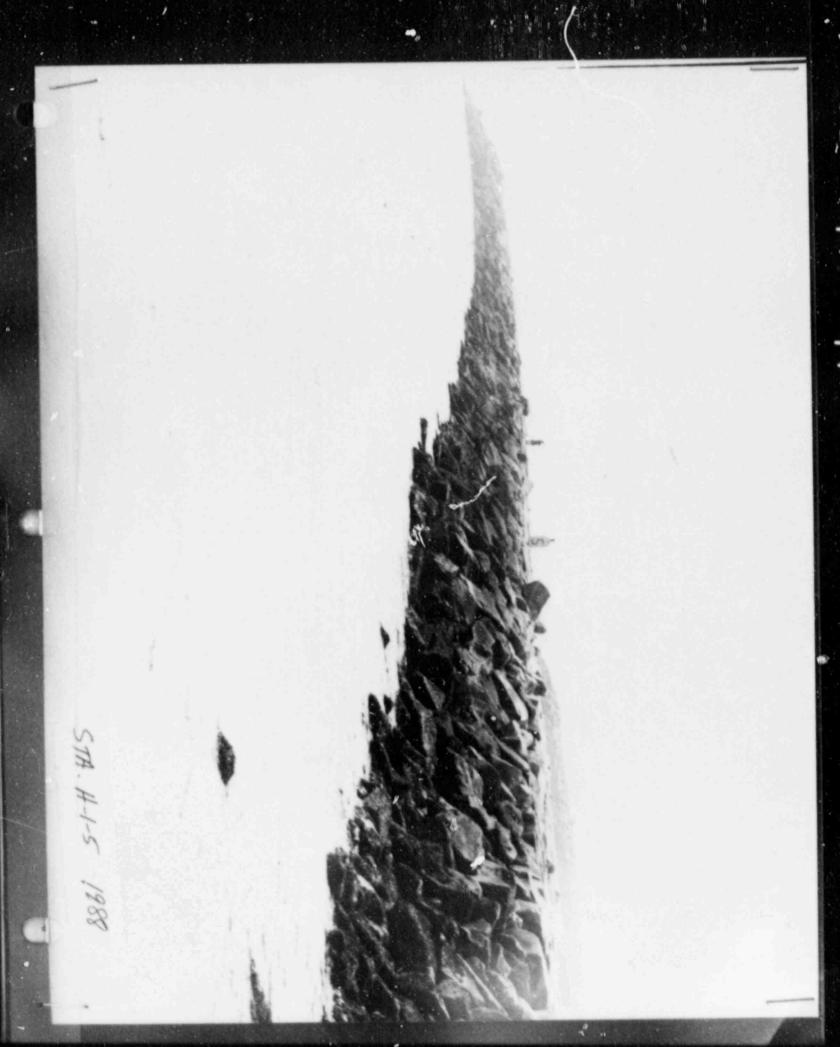








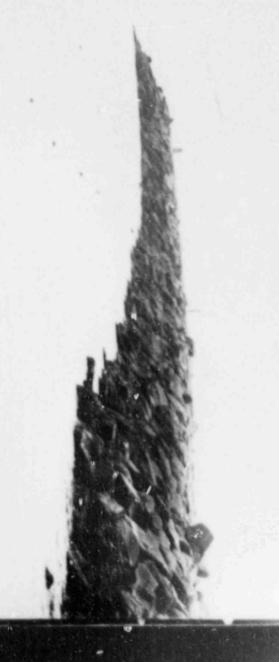
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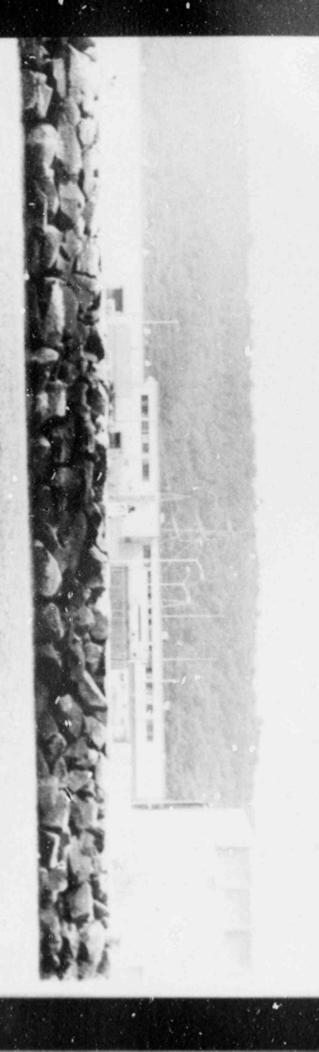
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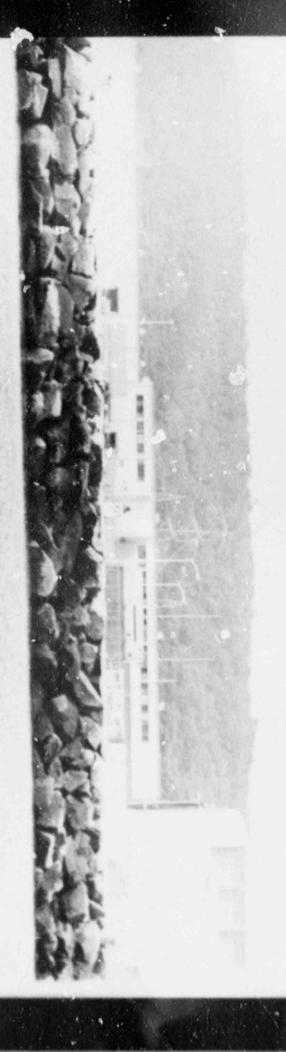
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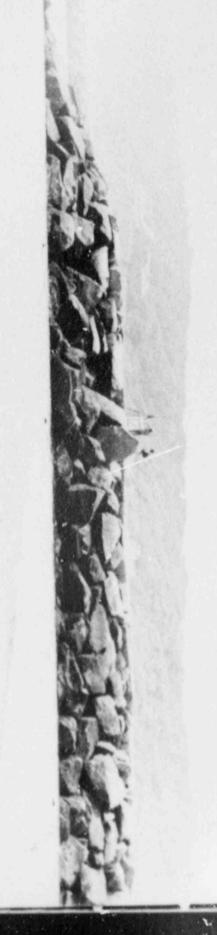
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