

March 24, 1988

Docket No.: 50-293

Mr. Ralph E. Bird
Senior Vice President - Nuclear
Boston Edison Company
800 Boylston Street
Boston, Massachusetts 02199

SUBJECT: INSTALLATION OF INTEGRAL CONDUIT SMOKE SEALS AT APPENDIX
BARRIERS (TAC# 67523) PILGRIM NUCLEAR POWER STATION

Dear Mr. Bird:

By letter dated February 3, 1988 (RECo 88-017), you provided the NRC staff with criteria for installing smoke seals inside electrical conduits that pass through fire barriers from one fire area to another. The criteria was provided in response to the staff concerns discussed during a meeting between RECo and the staff on November 24, 1987.

We have completed our review of your February 3, 1987 submittal and agree that the criteria RECo has developed conforms to the staff guidance and requirements. The criteria is adequate to provide reasonable assurance that smoke generated by a fire in one fire area will not travel by way of electrical conduit to another fire area in sufficient quantities to damage redundant safety shutdown equipment and/or components. Therefore, we consider this item and Tac number 67523 closed.

We have enclosed a copy of our Safety Evaluation for your information.

Sincerely,

151
Daniel McDonald, Senior Project Manager
Project Directorate I-3
Division of Reactor Projects I/II

Enclosure
cc w/enclosure
See next page

DISTRIBUTION:

Docket File, NRC & Local PDRs, ~~Wessman~~ RWessman, BBoger, MRushbrook,
~~OGC~~ OGC, EJordan, JPartlow, Tech Branch, ACRS (10)

OFC	: PDI-3	: PDI-3	: PDI-3	: PDI-3	:	:	:
NAME	: MRushbrook	: BRequa	: DMcDonald:ck	: RWessman	:	:	:
DATE	: 3/24/88	: 3/27/88	: 3/24/88	: 3/24/88	:	:	:

OFFICIAL RECORD COPY

BB10130409 880507
PDR FOIA
JOHNSON88-198 PDR

Mr. Ralph G. Bird
Boston Edison Company

Pilgrim Nuclear Power Station

cc:

Mr. K. P. Roberts, Nuclear Operations
Pilgrim Nuclear Power Station
Boston Edison Company
RFD #1, Rocky Hill Road
Plymouth, Massachusetts 02360

Boston Edison Company
ATTN: Mr. Ralph G. Bird
Senior Vice President - Nuclear
800 Boylston Street
Boston, Massachusetts 02199

Resident Inspector's Office
U. S. Nuclear Regulatory Commission
Post Office Box 867
Plymouth, Massachusetts 02360

Mr. Richard N. Swanson, Manager
Nuclear Engineering Department
Boston Edison Company
25 Braintree Hill Park
Braintree, Massachusetts 02184

Chairman, Board of Selectmen
11 Lincoln Street
Plymouth, Massachusetts 02360

Ms. Elaine D. Robinson
Nuclear Information Manager
Pilgrim Nuclear Power Station
RFD #1, Rocky Hill Road
Plymouth, Massachusetts 02360

Office of the Commissioner
Massachusetts Department of
Environmental Quality Engineering
One Winter Street
Boston, Massachusetts 02108

Office of the Attorney General
1 Ashburton Place
20th Floor
Boston, Massachusetts 02108

Charles V. Berry
Secretary of Public Safety
Executive Office of Public Safety
One Ashburton Place
Boston, Massachusetts 02108

Mr. Robert M. Hallisey, Director
Radiation Control Program
Massachusetts Department of
Public Health
150 Tremont Street, 2nd Floor
Boston, Massachusetts 02111

Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Mr. James D. Keyes
Regulatory Affairs and Programs Group
Leader
Boston Edison Company
25 Braintree Hill Park
Braintree, Massachusetts 02184