

December 20, 1990

Docket No. 50-293

Mr. George W. Davis
Senior Vice President - Nuclear
Boston Edison Company
Pilgrim Nuclear Power Station
RFD #1 Rocky Hill Road
Plymouth, Massachusetts 02360

Dear Mr. Davis:

SUBJECT: PILGRIM UNIT 1 - EVALUATION OF LPCI SWING BUS TRANSFER SCHEME
REGARDING SINGLE FAILURE VULNERABILITY (TAC NO. 76104)

By letter dated March 2, 1990, you provided supplemental information on low pressure coolant injection (LPCI) swing bus transfer scheme regarding its single failure vulnerability at Pilgrim Nuclear Power Station (PNPS). Pilgrim was identified as one of the BWRs which use the LPCI swing bus transfer scheme to meet the ECCS criteria of 10 CFR 50.46. The additional information you supplied was necessary for the staff evaluation to assure us that the single failure concerns at FERMI-2 and other BWR plants with LPCI swing bus transfer schemes are not applicable to Pilgrim.

The staff concluded after a review of the details of Pilgrim's LPCI related bus transfer scheme, that the single feature concerns of other BWRs are not applicable to Pilgrim. Enclosed is a copy of our evaluation. This letter completes our effort on this subject and closes TAC No. 76104.

Sincerely,

Original signed by
Ronald Eaton, Senior Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc w/enclosures:
See next page

LA:PDI-3
MRushbrook
12/14/90

PM:PDI-3
REaton:mes
12/14/90

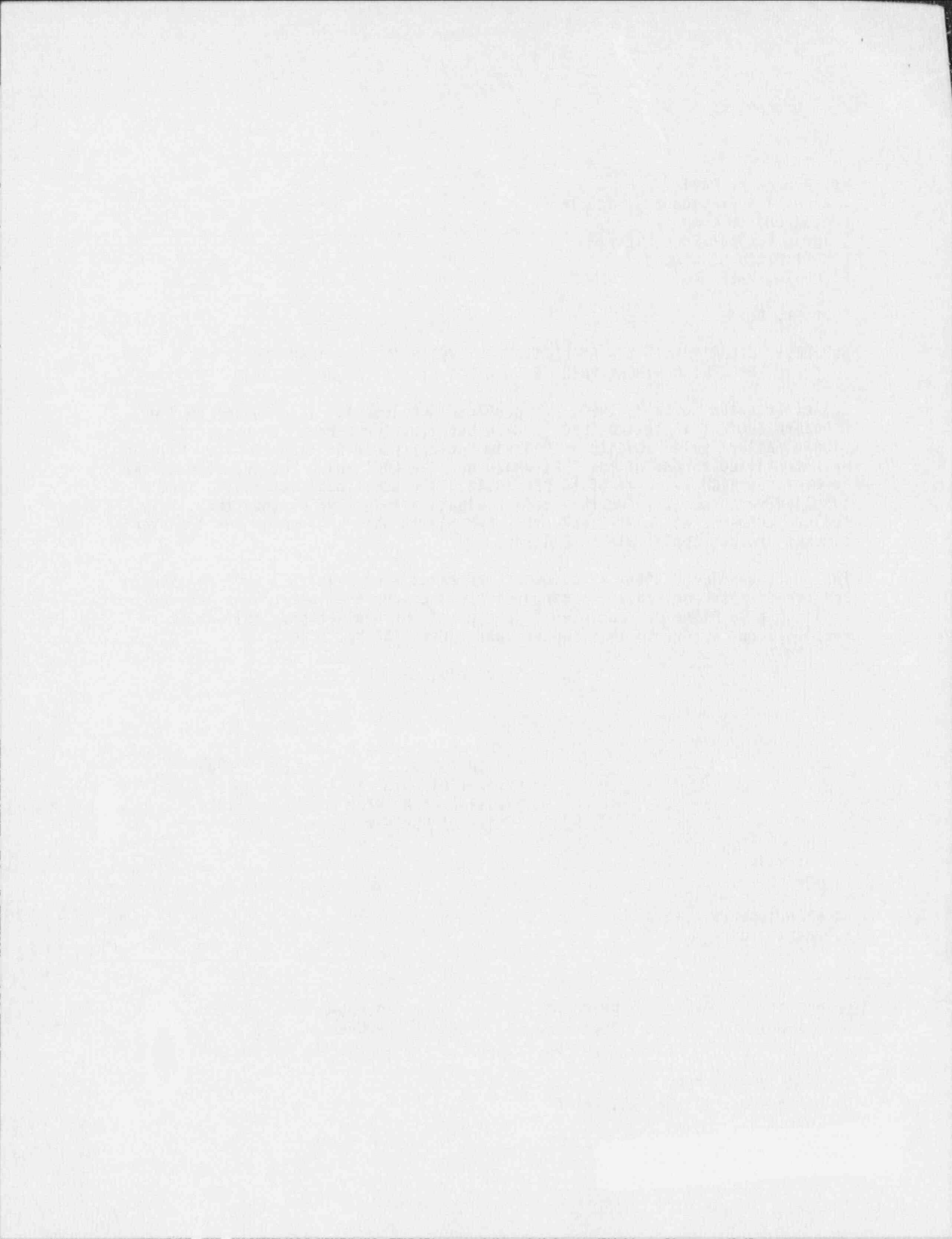
D:PDI-3
RHessman
12/20/90

OFFICIAL RECORD COPY
Document Name: PI TAC NO. 76104

9101070052 901220
PDR ADOCK 05000293
PDR

QFO
1/11

040027



Mr. George W. Davis

Pilgrim Nuclear Power Station

cc:

Mr. R. A. Anderson
Vice President of Operations
and Station
Pilgrim Nuclear Power Station
RFD #1 Rocky Hill Road
Plymouth, Massachusetts 02360

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

Resident Inspector
U. S. Nuclear Regulatory Commission
Pilgrim Nuclear Power Station
Post Office Box 867
Plymouth, Massachusetts 02360

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

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

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

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

Office of the Attorney General
One Ashburton Place
20th Floor
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
475 Allendale Road
King of Prussia, Pennsylvania 19406

Mr. John Dietrich
Licensing Division Manager
Boston Edison Company
25 Braintree Hill Park
Braintree, Massachusetts 02184

