

\*\*\* SAFEGUARDS INFORMATION \*\*\*

Docket No. 50-293

July 19, 1994

Mr. Leon J. Olivier  
Senior Vice President - Nuclear  
Boston Edison Company  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, Massachusetts 02360

Dear Mr. Olivier:

SUBJECT: CHARACTERISTICS OF THE DESIGN BASIS VEHICLE - PILGRIM NUCLEAR POWER STATION

On June 30, 1994, the Commission approved a final rule amending 10 CFR Part 73 associated with protection against malevolent use of vehicles at nuclear power plants. The amendment modifies the design basis threat for radiological sabotage to include use of a land vehicle. The rule change also requires vehicle control measures, including vehicle barrier systems, to protect against the malevolent use of a land vehicle. The vehicle barrier system design requires that the system stop the forward motion of the design basis vehicle (DBV). The enclosure to this letter describes the characteristics of the DBV. Please note that the DBV is Safeguards Information and should be handled accordingly.

Sincerely,

Original signed by  
Walter R. Butler, Director  
Project Directorate I-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated  
cc w/o enclosure:  
See next page

DISTRIBUTION w/o enclosure:

Docket File  
NRC & Local PDR  
PDI-3 Reading  
WButler  
REaton  
SLittle

9407270020 940719  
PDR ADOCK 05000293  
F PDR

NRC FILE CENTER COPY

SG - Violation of protection requirements  
SAFEGUARDS INFORMATION subject to CIVIL  
and CRIMINAL Penalties

Enclosure contains SAFEGUARDS INFORMATION  
Upon removal of enclosure this document  
is decontrolled.

OFFICE	PDI-3:IA	PDI-3:PM	PDI-3:D		
NAME	SLittle	REaton	WButler		
DATE	7/19/94	7/19/94	7/19/94		

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\I-3\DD\VVEHICLE.LTR

\*\*\* SAFEGUARDS INFORMATION \*\*\*

DF01/0



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 19, 1994

Docket No. 50-293

Mr. Leon J. Olivier  
Senior Vice President - Nuclear  
Boston Edison Company  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, Massachusetts 02360

Dear Mr. Olivier:

SUBJECT: CHARACTERISTICS OF THE DESIGN BASIS VEHICLE - PILGRIM NUCLEAR POWER STATION

On June 30, 1994, the Commission approved a final rule amending 10 CFR Part 73 associated with protection against malevolent use of vehicles at nuclear power plants. The rule change modifies the design basis threat for radiological sabotage to include use of a land vehicle. The rule change also requires vehicle control measures, including vehicle barrier systems, to protect against the malevolent use of a land vehicle. The vehicle barrier system design requires that the system stop the forward motion of the design basis vehicle (DBV). The enclosure to this letter describes the characteristics of the DBV. Please note that the DBV is Safeguards Information and should be handled accordingly.

Sincerely,

Walter R. Butler, Director  
Project Directorate I-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/o enclosure:  
See next page

SG - Violation of protection requirements  
SAFEGUARDS INFORMATION subject to CIVIL  
and CRIMINAL Penalties

Enclosure contains SAFEGUARDS INFORMATION  
Upon removal of enclosure this document  
is decontrolled.

Mr. Leon J. Olivier

Pilgrim Nuclear Power Station

cc:

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

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

Office of the Commissioner  
Massachusetts Department of  
Environmental Protection  
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  
305 South Street  
Boston, Massachusetts 02130

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

Mr. James Keyes, Acting  
Licensing Division Manager  
Boston Edison Company  
600 Rocky Hill Road  
Plymouth, Massachusetts 02360-5599

Mr. Robert V. Fairbanks  
Manager, Reg. Affairs Dept.  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, Massachusetts 02360

Mr. David F. Tarantino  
Nuclear Information Manager  
Pilgrim Nuclear Power Station  
RFD #1, Rocky Hill Road  
Plymouth, Massachusetts 02360

Mr. Thomas Rapone  
Secretary of Public Safety  
Executive Office of Public Safety  
One Ashburton Place  
Boston, Massachusetts 02108

Mr. David Rodham, Director  
Massachusetts Emergency Management  
Agency  
400 Worcester Road  
P.O. Box 1496  
Framingham, Massachusetts 01701-0317  
Attn: James Muckerheide

Chairmen, Citizens Urging  
Responsible Energy  
P. O. Box 2621  
Duxbury, Massachusetts 02331

Citizens at Risk  
P. O. Box 3803  
Plymouth, Massachusetts 02361

W. S. Stowe, Esquire  
Boston Edison Company  
800 Boylston St., 36th Floor  
Boston, Massachusetts 02199

Chairman  
Nuclear Matters Committee  
Town Hall  
11 Lincoln Street  
Plymouth, Massachusetts 02360