

AUG 4 1978

Distribution:

<del>NRC PDR</del>	V. Moore
Local PDR	R. Vollmer
✓ Docket File	M. Ernst
LWR #4 File	R. Denise
R. Boyd	ELD
R. DeYoung	IE(3)
D. Vassallo	
F. Williams	bcc:
S. Varga	J. Buchanan, NSIC
H. Silver	T. Abernathy, TIC
M. Service	ACRS (16)
R. Mattson	
D. Ross	
J. Knight	
R. Tedesco	
D. Muller	

Docket No: 50-320

Metropolitan Edison Company  
 ATTN: Mr. J. G. Herbein  
 Vice President  
 P. O. Box 542  
 Reading, Pennsylvania 19603

Gentlemen:

SUBJECT: THREE MILE ISLAND UNIT-2 CONTAINMENT PURGE VALVES

In order to more completely document the operability of the containment purge valves at TMI-2 in the event they are open at the time of a postulated loss-of-coolant accident, we require that certain additional information be provided as identified in the enclosure.

Please inform us of your anticipated schedule for providing this information within two weeks of your receipt of this letter.

Sincerely,

Original signed by:  
 S. A. Varga

Steven A. Varga, Chief  
 Light Water Reactors Branch No. 4  
 Division of Project Management

Enclosure:  
 As stated

cc: See next page

7904190 256

OFFICE	DPM: LWR #4	DPM: LWR #4			
SURNAME	HSilver: tlb	SVarga			
DATE	7/28/78	7/27/78			53-148

Metropolitan Edison Company

CCS:

George F. Trowbridge, Esq.  
Shaw, Pittman, Potts & Trowbridge  
1800 M Street, N. W.  
Washington, D. C. 20036

Mr. I. R. Finfrock  
Jersey Central Power and Light Company  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07960

Mr. R. Conrad  
Pennsylvania Electric Company  
1007 Broad Street  
Johnstown, Pennsylvania 15907

Chauncey R. Kepford, Esq.  
Chairman  
York Committee for a  
Safe Environment  
433 Orlando Drive  
State College, Pennsylvania 16801

Mr. Richard W. Heward  
Project Manager  
GPU Service Corporation  
260 Cherry Hill Road  
Parsippany, New Jersey 07054

Mr. T. Gary Broughton  
Safety and Licensing Manager  
GPU Service Corporation  
260 Cherry Hill Road  
Parsippany, New Jersey 07054

U.S. Environmental Protection Agency  
Region III Office  
Attn: EIS Coordinator  
Curtis Building  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

Director, Office of Radiological Health  
Department of Environmental Resources  
P. O. Box 2063  
Harrisburg, Pennsylvania 17105

Alan S. Rosenthal, Esq. Chairman  
Atomic Safety and Licensing

U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dr. W. Reed Johnson, Member  
Atomic Safety and Licensing  
Appeal Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Jerome E. Sharfman, Esquire, Member  
Atomic Safety and Licensing  
Appeal Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

MECHANICAL ENGINEERING BRANCH

DIVISION OF SYSTEMS SAFETY

THREE MILE ISLAND UNIT 2

1. Indicate what supportive tests have been performed to verify the torque calculated for the containment vent and purge system isolation valves which is reported in Amendment 59 (Sec. 9.4) of the FSAR.
2. Also in Amendment 59 (Sec. 9.4) of the FSAR it is reported that valve component stress levels do not exceed the allowable stresses as specified in the "Draft ASME Code for Pumps and Valves". Since this draft code is primarily concerned with pressure boundary integrity, indicate the criteria used for determining the adequacy of the non-pressure boundary components which are essential for proper valve closure and sealing.
3. Alternatively, demonstrate that the valves will properly seat and remain leak tight should no counter torque be available due to failure of the operator or its connecting linkage.