

SEP 25 1984

Docket No.: 50-352

Mr. Edward G. Bauer, Jr.
Vice President and General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Dear Mr. Bauer:

SUBJECT: COMPLIANCE OF THE LIMERICK GENERATING STATION, UNIT 1, WITH
APPENDIX G OF 10 CFR 50

Appendix G of 10 CFR 50 permits the Director of the Office of Nuclear Reactor Regulation to approve alternative fracture toughness test methods other than that required by 10 CFR § 50.55a(c)(3). However, as provided by paragraph III.A. of Appendix G, for reactor vessels constructed in accordance with an ASME Code earlier than the Summer 1972 Addenda of the 1971 Edition, prior to granting such approval the fracture toughness data and data analysis must be supplemented in an approved manner to demonstrate equivalence with the fracture toughness requirements of Appendix G. The reactor vessel for the Limerick Generating Station, Unit 1 was constructed to an ASME Code which is earlier than the Summer 1972 Addenda of the 1971 Edition.

Accordingly, for the reasons discussed in the Limerick Safety Evaluation Report (NUREG-0991, August 1983), I have determined that the alternative fracture toughness data and data analyses presented for Limerick Unit 1 are sufficient to demonstrate equivalence with the fracture toughness requirements of Appendix G of 10 CFR 50, and are, therefore, approved.

Sincerely,

Original Signed By
E. G. Case

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

cc: See next page

DISTRIBUTION:	Docket No. 50-352	NRC PDR	LPDR	PRC System
ASchwencer	EHylton	BSiegel	RMartin	BVogler, OELD
DMJordan	JNGrace	ACRS (16)		

*DL:LB#2	*DL:LB#2	*DL:LB#2	*DL:LB#2	*AD/L:DL	*OELD	*DIR:DL
BSiegel:pob	RMartin	EHylton	ASchwencer	TNovak	BVogler	DEisenhut
9/ /84	9/ /84	9/ /84	9/ /84	9/ /84	9/ /84	9/ /84
DD:WRR	DIR:NRR					
ECase	HDenton					
9/ /84	9/ /84					

*See previous concurrence

8410110322 840925
PDR ADDCK 05000352
E PDR

LIMERICK

Mr. Edward G. Bauer, Jr
Vice President & General Counsel
Philadelphia Electric Company
Philadelphia, Pennsylvania 19101

Troy B. Conner, Jr., Esquire
Conner and Wetterhahn
1747 Pennsylvania Ave, N.W.
Washington, D. C. 20006

Zori G. Ferkin
Assistant Counsel
Governor's Energy Council
1625 N. Front Street
Harrisburg, Pennsylvania 17105

Federic M. Wentz
County Solicitor
County of Montgomery
Courthouse
Norristown, Pennsylvania 19404

Eugene J. Bradley
Philadelphia Electric Company
Associate General Counsel
2301 Market Street
Philadelphia, Pennsylvania 19101

Mr. Vincent Boyer
Senior Vice President
Nuclear Operations
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Mr. Suresh Chaudhary
Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 47
Sanatoga, PA 19464

James Wiggins, SR. R.I.
U. S. Nuclear Regulatory Commission
P. O. Box 47
Sanatoga, Pennsylvania 19464

Mr. Marvin I. Lewis
6504 Bradford Terrace
Philadelphia, Pennsylvania 19149

Frank R. Romano, Chairman
Air & Water Pollution Patrol
61 Forest Avenue
Ambler, Pennsylvania 19002

Charles W. Elliott, Esquire
Brose & Poswistilo, 1101 Bldg.
11th & Northampton Streets
Easton, Pennsylvania 18402

Ms. M. Mulligan
Limerick Ecology Action
762 Queen St.
Pottstown, Pennsylvania 19464

Mr. Karl Abraham
Public Affairs Officer
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19806

Joseph H. White, III
8 North Warner Avenue
Bryn Mawr, PA 19010

Thomas Gerusky, Director
Bureau of Radiation Protection
Dept. of Environmental Resources
5th Floor, Fulton Bank Bldg.
Third and Locust Streets
Harrisburg, Pennsylvania 17120

Sugarman, Denworth & Hellegers
16th Floor Center Plaza
101 North Broad Street
Philadelphia, Pennsylvania 19106

Robert L. Anthony
Friends of the Earth of the
Delaware Valley
Harrisburg, Pennsylvania 17120

Martha W. Bush
Deputy City Solicitor
Municipal Services Bldg.
15th and JFK Blvd.
Philadelphia, Pennsylvania 19107

David Wersan, Esq.
Assistant Consumer Advocate
Office of Consumer Advocate
1425 Strawberry Square
Harrisburg, Pennsylvania 17120

Steven P. Hershey, Esq.
Community Legal Services, Inc.
Law Center North Central - Bevery Bldg.
3701 North Board Street
Philadelphia, Pennsylvania 19140

Mr. J. T. Robb, NS-1
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Timothy R. S. Campbell, Director
Department of Emergency Services
14 East Biddle Street
West Chester, Pennsylvania 19380

Director, Pennsylvania Emergency
Management Agency
Basement, Transportation &
Safety Building
Harrisburg, Pennsylvania 17120

Angus Love, Esq.
107 East Main Street
Norristown, Pennsylvania 19401

Lawrence Brenner, Esq
Administrative Judge
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. Peter A. Morris
Administrative Judge
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. Richard F. Cole
Administrative Judge
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Spence W. Perry, Esq.
Associate General Counsel
Federal Emergency Management Agency
Room 840
500 C St., S.W.
Washington, D. C. 20472