



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

November 25, 1980

Docket No. 50-289

Mr. R. C. Arnold  
Senior Vice President  
Metropolitan Edison Company  
100 Interpace Parkway  
Parsippany, New Jersey 07054

Dear Mr. Arnold:

- References:
1. Letter, dated October 31, 1980, To All Licensees of Operating Plants and Applicants for Operating Licenses and Holders of Construction Permits, from D. G. Eisenhower, Subject: Post-TMI Requirements, NUREG-0737.
  2. NUREG-0694, "TMI-Related Requirements for New Operating Licenses", Issued June 1980.

In Reference 1, we forwarded to you a number of "Post-TMI Requirements" for Three Mile Island Unit No. 1 (TMI-1). Reference 1, which should not be interpreted to modify any of the requirements or schedules of the Commission's Orders of August 9, 1979 or March 6, 1980, also sought a response. The purpose of this letter is to seek modification of that response because of the circumstances relating to the current shutdown status of TMI-1.

In response to the Atomic Safety and Licensing Board Memorandum on Board Questions of September 12, 1980, the staff identified, in response to Board Question 1, certain additional items described in NUREG-0694 (Reference 2), not previously identified, as items the staff believes should be prerequisites for restart of TMI-1. These are set forth in Part A of the enclosure to this letter. In addition, in response to Board Question 2, the staff identified certain requirements described in NUREG-0694 which are dated requirements of Reference 1, but which the staff believes should be completed prior to restart of TMI-1. These are set forth in Part B of the enclosure to this letter. The requirements listed in Parts A and B of the enclosure are consistent with the position taken by the staff in the TMI-1 restart proceeding.

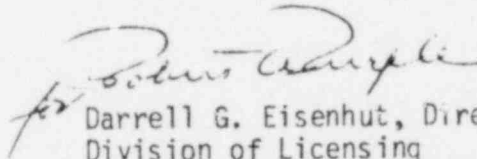
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Mr. R. C. Arnold

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We request that your response to Reference 1 include the additional items set forth in Parts A and B of the enclosure which the staff believes should be made prerequisites to restart.

Sincerely,

A handwritten signature in dark ink, appearing to read "Darrell G. Eisenhut", is written over the typed name.

Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosure:  
Additional Requirements  
for Restart of TMI-1

cc w/enclosure:  
See next 3 pages

Metropolitan Edison Company

- 1 -

cc w/enclosure(s):

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

Walter W. Cohen, Consumer Advocate  
Department of Justice  
Strawberry Square, 14th Floor  
Harrisburg, Pennsylvania 17127

Robert L. Knupp, Esq.  
Assistant Solicitor  
Knupp and Andrews  
P. O. Box P  
407 N. Front Street  
Harrisburg, Pennsylvania 17108

John E. Minnich, Chairman  
Dauphin Co. Board of Commissioners  
Dauphin County Courthouse  
Front and Market Streets  
Harrisburg, Pennsylvania 17101

- \* Atomic Safety and Licensing Appeal Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555
- \* Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555
- \* Picketing and Service Section  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Robert Q. Pollard  
609 Montpelier Street  
Baltimore, Maryland 21218

Chauncey Kepford  
Judith H. Johnsrud  
Environmental Coalition on Nuclear Power  
433 Orlando Avenue  
State College, Pennsylvania 16801

Ms. Frieda Berryhill, Chairman  
Coalition for Nuclear Power Plant  
Postponement  
2610 Grendon Drive  
Wilmington, Delaware 19808

Mrs. Rhoda D. Carr  
1402 Marene Drive  
Harrisburg, Pennsylvania 17109

Dr. Walter H. Jordan  
881 W. Outer Drive  
Oak Ridge, Tennessee 37830

Dr. Linda W. Little  
5000 Hermitage Drive  
Raleigh, North Carolina 27612

Holly S. Keck  
Anti-Nuclear Group Representing  
York  
245 W. Philadelphia Street  
York, Pennsylvania 17404

John Levin, Esq.  
Pennsylvania Public Utilities Comm.  
Box 3265  
Harrisburg, Pennsylvania 17120

Jordan D. Cunningham, Esq.  
Fox, Farr and Cunningham  
2320 North 2nd Street  
Harrisburg, Pennsylvania 17110

Theodore A. Adler, Esq.  
WIDOFF REAGER SELKOWITZ & ADLER  
P. O. Box 1547  
Harrisburg, Pennsylvania 17105

Ms. Marjorie M. Aamodt  
R.D. #5  
Coatesville, Pennsylvania 19320

Ms. Karen Sheldon  
Sheldon, Harmon & Weiss  
1725 I Street, N.W. - Suite 506  
Washington, D. C. 20006

Earl B. Hoffman  
Dauphin County Commissioner  
Dauphin County Courthouse  
Front and Market Streets  
Harrisburg, Pennsylvania 17101

Ms. Ellen R. Weiss, Esq.  
Sheldon, Harmon & Weiss  
1725 I Street, N.W.  
Suite 506  
Washington, D. C. 20006

Mr. Steven C. Sholly  
304 South Market Street  
Mechanicsburg, Pennsylvania 17055

Mr. Thomas Gerusky  
Bureau of Radiation Protection  
Department of Environmental Resources  
P. O. Box 2063  
Harrisburg, Pennsylvania 17120

Mr. G. P. Miller  
Mr. R. F. Wilson  
Mr. J. J. Barton  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

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

Mr. E. G. Wallace  
Licensing Manager  
GPU Service Corporation  
100 Interpace Parkway  
Parsippany, New Jersey 07054

Mr. R. W. Conrad  
Vice President, Generation  
Pennsylvania Electric Company  
1007 Broad Street  
Johnstown, Pennsylvania 15907

Miss Mary V. Southard, Chairperson  
Citizens for a Safe Environment  
P. O. Box 405  
Harrisburg, Pennsylvania 17108

Government Publications Section  
State Library of Pennsylvania  
Box 1601 (Education Building)  
Harrisburg, Pennsylvania 17126

Mr. David D. Maxwell, Chairman  
Board of Supervisors  
Londonderry Township  
RFD#1 - Geyers Church Road  
Middletown, Pennsylvania 17057

U. S. Environmental Protection Agency  
Region III Office  
ATTN: EIS COORDINATOR  
Curtis Building (Sixth Floor)  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

Mr. J. G. Herbein  
Director, Nuclear Assurance  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, PA 17057

Ms. Jane Lee  
R.D. 3, Box 3521  
Etters, Pennsylvania 17319

Karin W. Carter, Esq.  
505 Executive House  
P. O. Box 2357  
Harrisburg, Pennsylvania 17120

Honorable Mark Cohen  
512 D-3 Main Capital Building  
Harrisburg, Pennsylvania 17120

Dauphin County Office Emergency  
Preparedness  
Court House, Room 7  
Front & Market Streets  
Harrisburg, Pennsylvania 17101

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

Director, Criteria and Standards  
Division  
Office of Radiation Programs (ANR-460)  
U. S. Environmental Protection Agency  
Washington, D. C. 20460

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 420, 7735 Old Georgetown Road  
Bethesda, Maryland 20014

\* Ivan W. Smith, Esq.  
Atomic Safety & Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Ms. Kathy McCaughin  
Three Mile Island Alert, Inc.  
23 South 21st street  
Harrisburg, Pennsylvania 17104

Mr. L. W. Harding  
Supervisor of Licensing  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

Mr. R. J. Toole  
Manager, TMI-1  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

Mr. W. E. Potts  
Radiological Controls Manager, TMI-1  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

Mr. I. R. Finfrock, Jr.  
Jersey Central Power & Light Company  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07950

J. B. Lieberman, Esq.  
Berlock, Israel & Liberman  
26 Broadway  
New York, NY 10004

Mr. J. J. Colitz  
Plant Engineering Manager, TMI-1  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

York College of Pennsylvania  
Country Club Road  
York, Pennsylvania 17405

Mr. G. K. Hovey  
Director, TMI-2  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

Mr. B. Elam  
Manager, Plant Engineering, Unit 2  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

Mr. Richard Roberts  
The Patriot  
812 Market Street  
Harrisburg, Pennsylvania 17105

Mr. R. W. Heward  
Manager, Radiological Control, Unit 2  
Metropolitan Edison Company  
P. O. Box 480  
Middletown, Pennsylvania 17057

Allen R. Carter, Chairman  
Joint Legislative Committee on Energy  
P. O. Box 142  
Suite 513  
Senate Gressette Building  
Columbia, South Carolina 29202

Daniel M. Pell, Esq.  
ANGRY  
32 South Beaver Street  
York, Pennsylvania 17401

William S. Jordan, III, Esq.  
Harmon & Weiss  
1725 I Street, NW, Suite 506  
Washington, DC 20006

General Counsel  
Federal Emergency Management Agency  
ATTN: Docket Clerk  
1725 I Street, NW  
Washington, DC 20472

Governor's Office of State Planning  
and Development  
ATTN: Coordinator, Pennsylvania  
State Clearinghouse  
P. O. Box 1323  
Harrisburg, Pennsylvania 17120

ADDITIONAL REQUIREMENTS FOR RESTART  
OF THREE MILE ISLAND - UNIT 1

Part A - Additional Requirements of NUREG-0694

1. Fuel Loading and Low Power Testing

- I. B. 1. 2 Evaluation of Organization and Management Improvements. The Requirements of the August 9, 1979 and March 6, 1980 Commission Orders encompass those of this section, except for the independent site review group.
- I. C. 7 NSSS Vendor Review of Procedures
- I. D. 1 Control Room Design
- I. G. 1 Training During Low Power Testing

2. Full-Power Requirements

- I. C. 7 NSSS Vendor Review of Procedures
- I. G. 1 Training During Low-Power Testing

Part B - Dated Requirements From NUREG-0737

- I. A. 1. 3 Shift Manning
- I. A. 2. 1 Immediate Upgrading of Reactor Operator and Senior Reactor Operator Training and Qualifications
- I. A. 2. 3 Administration of Training Programs
- I. A. 3. 1 Revise Scope and Criteria for Licensing Exams
- I. C. 5 Procedure for Feedback of Operating Experience
- I. C. 8 Pilot Monitoring of Selected Emergency Procedures for NTOLs
- II. B. 4 Training for Mitigating Core Damage
- II. K. 2. 10 Hard Wired Safety Grade Anticipatory Reactor Trip
- II. K. 2. 13 Thermal-Mechanical Report
- II. K. 2. 14 Demonstrate Lift Frequency of PORV is Acceptable
- II. K. 2. 15 Analysis of Effect of Slug Flow on Once-Through Steam Generator Tubes
- II. K. 2. 16 Impact of Reactor Coolant Pump Seal Damage with Loss-of-Offsite-Power and Small Break LOCA Events

- II. K. 3.3 Report PORV and Safety Valve Failures and Challenges
- II. K. 3. 11 Controlled Use of Control Components Type PORV
- II. D. 3. 4 Control Room Habitability  
(Review and Schedule)