

June 7, 2001

Mr. Mark E. Warner
Vice President - TMI Unit 1
AmerGen Energy Company, LLC
P.O. Box 480
Middletown, PA 17057

SUBJECT: THREE MILE ISLAND NUCLEAR STATION, UNIT 1 (TMI-1) - REQUEST FOR
ADDITIONAL INFORMATION (TAC NO. MB0882)

Dear Mr. Warner:

In performing our review of your December 21, 2000, application for relief requests as supplemented February 20, 2001, from certain requirements of Section XI of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, the Nuclear Regulatory Commission (NRC) staff has determined that it will need the enclosed additional information to continue its review. These questions were discussed with your staff during a conference call on May 21, 2001. In order for the NRC staff to complete its review on schedule, please provide your response within 30 days receipt of this letter.

If you have any questions, please contact me at (301) 415-1402.

Sincerely,

/RA/

Timothy G. Colburn, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-289

Enclosure: Request for Additional Information

cc w/encl: See next page

June 7, 2001

Mr. Mark E. Warner
Vice President - TMI Unit 1
AmerGen Energy Company, LLC
P.O. Box 480
Middletown, PA 17057

SUBJECT: THREE MILE ISLAND NUCLEAR STATION, UNIT 1 (TMI-1) - REQUEST FOR
ADDITIONAL INFORMATION (TAC NO. MB0882)

Dear Mr. Warner:

In performing our review of your December 21, 2000, application for relief requests as supplemented February 20, 2001, from certain requirements of Section XI of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, the Nuclear Regulatory Commission (NRC) staff has determined that it will need the enclosed additional information to continue its review. These questions were discussed with your staff during a conference call on May 21, 2001. In order for the NRC staff to complete its review on schedule, please provide your response within 30 days receipt of this letter.

If you have any questions, please contact me at (301) 415-1402.

Sincerely,

/RA/

Timothy G. Colburn, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-289

Enclosure: Request for Additional Information

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	MO'Brien	TChan	OGC
ACRS	TColburn	ESullivan	RCorreia
PDI-1 R/F	EAdensam	AKeim	B. Platchek, RI
LBerry	CCarpenter		

Accession No. ML011450333

OFFICE	PDI-1\PM	PDI-2\LA	PDI-1\SC(A)		
NAME	TColburn	MO'Brien	RCorreia		
DATE	5/30/01	6/5/01	6/6/01		

OFFICIAL RECORD COPY

REQUEST FOR ADDITIONAL INFORMATION
THIRD 10-YEAR INTERVAL INSERVICE INSPECTION
REQUESTS FOR RELIEF FOR
THREE MILE ISLAND NUCLEAR STATION, UNIT 1
DOCKET NO. 50-289

1.0 SCOPE

By letter dated December 21, 2000, the AmerGen Energy Company , LLC, the licensee, jointly with PECO Nuclear, submitted multiple requests for relief from the requirements of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (Code) for the second 10-year inservice inspection (ISI) interval at Three Mile Island Nuclear Station, Unit 1 (TMI-1). Based on the review of the relief requests, the following additional information is requested to complete the evaluation of these relief requests.

2.0 INFORMATION REQUIRED

General Information

- 1) What is the end date of the current ISI interval at TMI-1? Are the requested reliefs being requested for both the second and third 10-year intervals?

Alternative Number VIII-3

Welds Examined from the Inside Surface

- 2) In the licensee's submittal, the following welds are identified:

Core Flood System Pipe-to-Safe-end welds
(Examination Category B-J?, Item Number B9.11?)

CF-0001

CF-0020

Reactor Coolant System Nozzle-to-Pipe welds
(What examination Category?, Item Number?)

RC-0001

RC-0033

RC-0052

RC-0054

RC-0087

RC-0106

Provide a list for the welds involved in this relief request. Include weld ID (inside diameter), configuration base materials (steel, stainless steel, or dissimilar materials), weld materials, and weld anomalies. Weld anomalies are anything that would mask the indications being inspected and could be on either the ID or OD (outside diameter) of the weld. Also, identify the ISI requirement in Table IWB-2500-1, Examination Category and item number, for these welds. List applicable current interval relief requests, if any, for the specified welds. Please provide the date when approved. Please also provide representative drawings.

- 3) For the specified welds, have they been UT (ultrasonic testing) examined from the ID in previous inspection intervals? How successful were these examinations?
- 4) A case must be made that the UT technique that will be used is the same (similar) technique that was used for previous examinations or was shown to provide the same results. Identify when the previous examinations occurred (refueling outage #). Reference the paragraphs in the ASME Code or state the differences from the ASME Code in a discussion of the technique that was and/or will be used (i.e., scanning angles, scan directions, calibration, coverage, and demonstrations, if any).
- 5) Describe the full volume examination listed as the alternative examination for this relief request. Use diagrams. Explain how you plan to utilize Supplements 4 and 6 of Appendix VIII of Section XI of the ASME Code as stated in the alternative examination.

Three Mile Island Nuclear Station, Unit No. 1

cc:

George H. Gellrich
Plant Manager
AmerGen Energy Company, LLC
P. O. Box 480
Middletown, PA 17057

James A. Hutton
Director - Licensing
PECO Energy Company
Nuclear Group Headquarters
Correspondence Control Desk
P.O. Box 195
Wayne, PA 19087-0195

Edwin C. Fuhrer
Manager - Regulatory Engineering
AmerGen Energy Company, LLC
P.O. Box 480
Middletown, PA 17057

Edward J. Cullen, Jr., Esquire
PECO Energy Company
2301 Market Street (S23-1)
Philadelphia, PA 19103

Jeffrey A. Benjamin
Licensing - Vice President
Exelon Corporation
1400 Opus Place, Suite 900
Downer's Grove, IL 60521

Chairman
Board of County Commissioners
of Dauphin County
Dauphin County Courthouse
Harrisburg, PA 17120

Chairman
Board of Supervisors
of Londonderry Township
R.D. #1, Geyers Church Road
Middletown, PA 17057

Senior Resident Inspector (TMI-1)
U.S. Nuclear Regulatory Commission
P.O. Box 219
Middletown, PA 17057

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

Michael A. Schoppman
Framatome ANP
Suite 705
1911 North Ft. Myer Drive
Rosslyn, VA 22209

David J. Allard, Director
Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
P.O. Box 2063
Harrisburg, PA 17120

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803

John F. Rogge, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Eric Epstein
TMI Alert
4100 Hillsdale Road
Harrisburg, PA 17112