



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 7, 1995

Mr. George A. Hunger, Jr.
Director-Licensing, MC 62A-1
PECO Energy Company
Nuclear Group Headquarters
Correspondence Control Desk
P.O. Box No. 195
Wayne, PA 19087-0195

SUBJECT: REVIEW OF EQUIVALENT MARGINS ANALYSIS, PEACH BOTTOM ATOMIC POWER STATION (PBAPS), UNITS 2 AND 3, AND LIMERICK GENERATING STATION (LGS), UNITS 1 AND 2 (TAC NOS. M89534, M89535, M89536, AND M89537)

Dear Mr. Hunger:

In a letter dated April 21 1994, the NRC requested additional information regarding Generic Letter 92-01, Revision 1, "Reactor Vessel Structural Integrity," for PBAPS, Units 2 and 3 and LGS, Units 1 and 2. In order to closeout this issue, you were requested to provide confirmation of the plant-specific applicability of the General Electric (GE) topical report NEDO-32205-A, Revision 1, "10 CFR 50 Appendix G, Equivalent Margin Analysis for Lower Upper Shelf Energy in BWR/2 Through BWR/6 Vessels," (as specified in Appendix B of that report) and submit a request for approval of the topical report as the basis for demonstrating compliance with 10 CFR Part 50, Appendix G, Paragraph IV.A.1. Additionally, we requested that you review the enclosures in the April 21, 1994 letter and verify that the information you have provided for your facilities has been accurately entered in our data base.

By letter dated May 17, 1994, you submitted for NRC staff review and approval your assessment of the applicability to the PBAPS, Units 2 and 3, and LGS, Units 1 and 2, reactor vessels of the GE Topical Report, NEDO-32205, Revision 1.

The staff has reviewed and evaluated your assessment. The staff has concluded that the analyses in GE Topical Report NEDO-32205 are applicable to the Peach Bottom and Limerick reactor vessels and the reactor vessels will provide margins of safety against fracture equivalent to those required by Appendix G of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code at the expiration of its license, as required by Appendix G, 10 CFR Part 50 for reactor vessels with upper-shelf energy less than 50 ft-lb (see enclosures 1 and 2).

120062

9509130067 950907
PDR ADOCK 05000277
P PDR

NRC FILE CENTER COPY

DFA

G. Hunger

-2-

September 7, 1995

If you have questions, please call Joe Shea at (301) 415-1428 or Frank Rinaldi at (301) 415-1447.

Sincerely,

original signed by

John F. Stolz, Project Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-277, 50-278
50-352, & 50-353

Enclosures: 1. PBAPS Units 2 & 3 Safety Evaluation
2. LGS Units 1 & 2 Safety Evaluation

cc w/encl: See next page

DISTRIBUTION:
Docket File
PUBLIC
PDI-2 Reading
SVarga
JZwolinski
JStolz
MO'Brien
OGC
JZimmerman
JShea
FRinaldi
DMcDonald
ACRS (4)
CAnderson, RGN-I

OFFICE	PDI-2/LA	PDI-2/PM	PDI-2/PM	PDI-2/PM	PDI-2/D
NAME	MO'Brien	JZimmerman:mw	FRinaldi	JShea	JStolz
DATE	9/7/95	9/7/95	7/17/95	9/7/95	9/7/95

OFFICIAL RECORD COPY
DOCUMENT NAME: PBM89534.LET

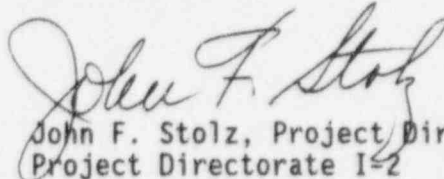
G. Hunger

-2-

September 7, 1995

If you have questions, please call Joe Shea at (301) 415-1428 or Frank Rinaldi at (301) 415-1447.

Sincerely,



John F. Stolz, Project Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-277, 50-278
50-352, & 50-353

Enclosures: 1. PBAPS Units 2 & 3 Safety Evaluation
2. LGS Units 1 & 2 Safety Evaluation

cc w/encl: See next page

Mr. George A. Hunger, Jr.
PECO Energy Company

Peach Bottom Atomic Power Station,
Units 2 and 3
Limerick Generating Station,
Units 1 and 2

cc:

J. W. Durham, Sr., Esquire
Sr. V.P. & General Counsel
PECO Energy Company
2301 Market Street, S26-1
Philadelphia, Pennsylvania 19101

Mr. Rich R. Janati, Chief
Division of Nuclear Safety
Pennsylvania Department of
Environmental Resources
P.O. Box 8469
Harrisburg, Pennsylvania 17105-8469

PECO Energy Company
ATTN: Mr. G. R. Rainey, Vice President
Peach Bottom Atomic Power Station
Route 1, Box 208
Delta, Pennsylvania 17314

Board of Supervisors
Peach Bottom Township
R. D. #1
Delta, Pennsylvania 17314

PECO Energy Company
ATTN: Regulatory Engineer, A4-5S
Peach Bottom Atomic Power Station
Route 1, Box 208
Delta, Pennsylvania 17314

Public Service Commission of Maryland
Engineering Division
Chief Engineer
6 St. Paul Centre
Baltimore, MD 21202-6806

Resident Inspector
U.S. Nuclear Regulatory Commission
Peach Bottom Atomic Power Station
P.O. Box 399
Delta, Pennsylvania 17314

Mr. Richard McLean
Power Plant and Environmental
Review Division
Department of Natural Resources
B-3, Tawes State Office Building
Annapolis, Maryland 21401

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

Mr. David P. Helker, 62A-1
Manager - Limerick Licensing
PECO Energy Company
965 Chesterbrook Boulevard
Wayne, Pennsylvania 19087-5691

Mr. Roland Fletcher
Department of Environment
201 West Preston Street
Baltimore, Maryland 21201

Mr. Walter G. McFarland, Vice President
Limerick Generating Station
P.O. Box A
Sanatoga, Pennsylvania 19464

A. F. Kirby, III
External Operations - Nuclear
Delmarva Power & Light Company
P.O. Box 231
Wilmington, DE 19899

Mr. Robert Boyce
Plant Manager
Limerick Generating Station
P.O. Box A
Sanatoga, Pennsylvania 19464

Chairman
Board of Supervisors
of Limerick Township
646 West Ridge Pike
Linfield, PA 19468

Mr. George A. Hunger, Jr.
PECO Energy Company

Peach Bottom Atomic Power Station,
Units 2 and 3
Limerick Generating Station,
Units 1 and 2

Mr. Craig L. Adams
Director - Site Support Services
Limerick Generating Station
P. O. Box A
Sanatoga, Pennsylvania 19464

Mr. Neil S. Perry
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 596
Pottstown, PA 19464

Mr. James L. Kantner
Manager - Experience Assessment
Limerick Generating Station
P. O. Box A
Sanatoga, Pennsylvania 19464

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

Mr. Ludwig E. Thibault
Senior Manager - Operations
Limerick Generating Station
P. O. Box A
Sanatoga, Pennsylvania 19464

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

Mr. Michael P. Gallagher
Director - Site Engineering
Limerick Generating Station
P.O. Box A
Sanatoga, Pennsylvania 19464