



PECO NUCLEAR

A Unit of PECO Energy

Station Support Department

10CFR50.90

PECO Energy Company
965 Chesterbrook Boulevard
Wayne, PA 19087-5691

January 28, 1997

Docket No. 50-353

License No. NPF-85

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Limerick Generating Station, Unit 2
Technical Specifications Change Request No. 96-11-2
Response to Request for Additional Information

Gentlemen:

Attached is our response to the NRC Request for Additional Information (RAI) discussed in our telephone conversation on January 24, 1997 regarding the Technical Specifications (TS) Change Request No. 96-11-2 which was forwarded to the NRC via PECO Energy letter dated December 6, 1996. This proposed change will revise TS Section 2.1, "Safety Limits," to change the Minimum Critical Power Ratio (MCPR) Safety Limit due to the use of GE13 fuel product line and the cycle-specific analysis performed by General Electric Co. (GE), for Limerick Generating Station Unit 2 Cycle 5. This RAI is being submitted under affirmation, and the required affidavit is enclosed.

Attachment 1, Letter R. M. Butrovich (GE) to H. J. Diamond (PECO Energy), "Limerick 2 Cycle 5 RWE Analysis", dated January 28, 1997 contains this additional information.

If you have any questions, please do not hesitate to contact us.

Very truly yours,

G. A. Hunger, Jr.
Director - Licensing

Enclosure, Attachment

cc: H.J. Miller, Administrator, Region I, USNRC (w/enclosure, attachment)
N. S. Perry, USNRC Senior Resident Inspector, LGS (w/enclosure, attachment)
R. R. Janati, PA Bureau of Radiological Protection (w/enclosure, attachment)

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COMMONWEALTH OF PENNSYLVANIA

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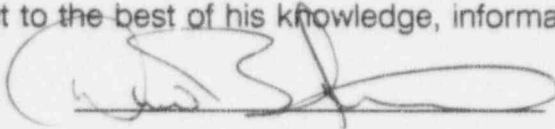
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SS.

COUNTY OF CHESTER

D. B. Feters, being first duly sworn, deposes and says:

That he is Vice President of PECO Energy Company, the Applicant herein; that he has read the enclosed response to the NRC Request for Additional Information related to the Application for Amendment of Facility Operating License No. NPF-85 (Technical Specifications Change Request No. 96-11-2), to change the Minimum Critical Power Ratio (MCPR) Safety Limit due to the use of GE13 fuel product line and the cycle-specific analysis performed by General Electric Co. for Limerick Generating Station, Unit 2 Cycle 5, and knows the contents thereof; and that the statements and matters set forth are true and correct to the best of his knowledge, information and belief.

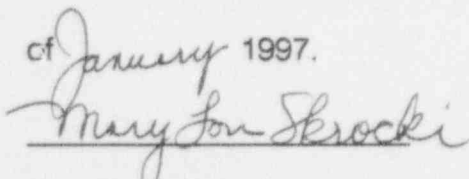


Vice President

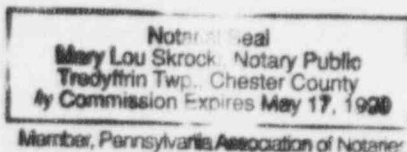
Subscribed and sworn to

before me this 28th day

of January 1997.



Notary Public



ATTACHMENT 1

LIMERICK GENERATING STATION

UNIT 2

DOCKET NO. 50-353

LICENSE NO. NPF-85

TECHNICAL SPECIFICATIONS CHANGE REQUEST

NO. 96-11-2

(RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION)

Letter, R. M. Butrovich (GE) to H. J. Diamond (PECO Energy),

"Limerick 2 Cycle 5 RWE Analysis,"
dated January 28, 1997



R. M. Butrovich

January 28, 1997
RMB:97-022

Mr. H. J. Diamond, Director
Fuel & Services Division
PECO NUCLEAR
965 Chesterbrook Boulevard
Wayne, PA 19087-5691

SUBJECT: **Limerick 2 Cycle 5 RWE Analysis**

Dear Hugh:

This letter provides the information requested by the NRC on January 24, 1997, regarding the Limerick 2 Cycle 5 Rod Withdrawal Error (RWE) analysis. A cycle specific RWE analysis was performed for Limerick 2 Cycle 5 as part of the reload licensing. The results demonstrate that the 1% cladding plastic strain criterion was met. Limerick 2 Cycle 5 passed the check for the 1% cladding plastic strain criterion for full withdrawal of any control rod.

Additionally, the current Rod Block Monitor (RBM) operability requirements (Technical Specifications Section 3 / 4.1.4.3) are adequate to protect against Safety Limit violations and 1% cladding plastic strain for Limerick 2 Cycle 5. In the Limerick 2 Cycle 5 RWE analysis, the control rod was fully withdrawn without violation of the 1% plastic strain criterion, therefore, MCPR is the limiting parameter for setting the RBM operability conditions.

Please contact me if you have any questions.

Very truly yours,

R. M. Butrovich for

R. M. Butrovich