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SUBJECT: Responds to NRC 970423 request to documents maximum discharge exposure for ATRIUM - 10 fuel that util has proposed to utilize in amend 166 to license NPF-22. Amend encl.

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APR 24 1997

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**SUSQUEHANNA STEAM ELECTRIC STATION  
RESPONSE TO NRC QUESTION ON PROPOSED  
AMENDMENT NO. 166 TO LICENSE NPF-22:  
ATRIUM™-10 EXPOSURE LIMIT  
PLA-4620 FILES R41-2/A17-2**

Docket No. 50-388

*Reference: Letter, H.D. Curet (SPC) to USNRC, "ATRIUM™-10 Mechanical Design Report," dated December 3, 1996.*

The purpose of this letter is to respond to an NRC request on April 23, 1997 to document the maximum discharge exposure for the ATRIUM™-10 fuel that PP&L has proposed to utilize in Proposed Amendment 166 to License NPF-22. The maximum discharge exposure for an assembly is 48 MWd/kgU. This value is documented in Siemens Power Corporation proprietary report EMF-95-52(P), "Mechanical Design Evaluation for Siemens Power Corporation ATRIUM™-10 BWR Reload Fuel," dated July, 1995. This report was most recently transmitted to the NRC by the above referenced Siemens letter.

Very truly yours,

  
G. T. Jones

copy: NRC Region I  
Mr. C. Poslusny, Jr., NRC Sr. Project Manager - OWFN  
Mr. K. M. Jenison, NRC Sr. Resident Inspector - SSES  
Mr. W. P. Dornsife, Pa. DEP

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BEFORE THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION

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In the Matter of :  
PENNSYLVANIA POWER & LIGHT COMPANY : Docket No. 50-388

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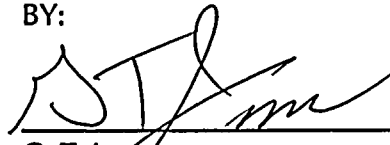
PROPOSED AMENDMENT NO. 166  
FACILITY OPERATING LICENSE NO. NPF-22  
SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT NO. 2

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Licensee, Pennsylvania Power & Light Company, hereby files a response to NRC question on Proposed Amendment No. 166 to its Facility Operating License No. NPF-22 dated March 23, 1984.

This amendment contains a revision to the Susquehanna SES Unit 2 Technical Specifications.

PENNSYLVANIA POWER & LIGHT COMPANY  
BY:

  
\_\_\_\_\_  
G. T. Jones  
Vice President - Nuclear Operations

Sworn to and subscribed before me  
this 24<sup>th</sup> day of April, 1997.

  
\_\_\_\_\_  
Notary Public

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Allentown, Lehigh County  
My Commission Expires Jan. 15, 1998

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