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       50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva      05000388  
 AUTH. NAME                      AUTHOR AFFILIATION  
 BYRAM, R.G.                      Pennsylvania Power & Light Co.  
 RECIPIENT NAME                  RECIPIENT AFFILIATION  
 MILLER, C.L.                      Project Directorate I-2

SUBJECT: Requests that NRC accelerate review of proposed extended fuel limits to increase allowable exposure of SPC 9X9-2 fuel from GWD/MTU.

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Senior Vice President—Nuclear  
610/774-7502  
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AUG 15 1994

Director of Nuclear Reactor Regulation  
Attention: Mr. C.L. Miller, Project Director  
Project Directorate I-2  
Division of Reactor Projects  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

**SUSQUEHANNA STEAM ELECTRIC STATION  
REQUEST TO ACCELERATE REVIEW OF PROPOSED  
EXTENDED FUEL EXPOSURE LIMITS  
PLA-4180**

**FILES A17-2/R41-2**

Docket Nos. 50-387  
and 50-388

- References:
1. PLA-4147, R.G. Byram to C.L. Miller, "Request for Extended Fuel Exposure Limits", dated May 31, 1994.
  2. PP&L Licensing Topical Report PL-NF-94-005-P, "Technical Basis for SPC 9X9-2 Extended Fuel Exposure at Susquehanna SES", dated May 16, 1994.

Dear Mr. Miller:

The purpose of this letter is to request that the NRC accelerate its review of the referenced PP&L submittal to increase allowable exposure of SPC 9X9-2 fuel from 40 to 45 GWD/MTU. This proposal was discussed with Mr. C. Poslusny and Mr. S. Wu of NRR on August 2, 1994 during our quarterly status meeting.

Reference 1 requested NRC review of a PP&L Licensing Topical Report (Ref. 2) prior to March 1995 in order to support design of the Unit 1 Cycle 10 core. In that submittal, PP&L determined this action to meet Cost Beneficial Licensing Action criteria. PP&L has recently decided to utilize additional short term resources in order to realize the projected economic benefits described in Reference 1 sooner, i.e., for Unit 2 Cycle 8 (U2C8). U2C8 design development has begun, with operation currently scheduled to begin in November 1995.

In order to support this goal, PP&L is proposing the milestone schedule shown in Attachment 1.

PP&L is requesting completion of the NRC SER on the LTR by November 1 in order to eliminate the risk associated with proceeding with ordering the enrichment to support fabrication of the U2C8 design. We believe that the referenced submittal clearly indicates that all relevant mechanical design criteria are met to support a maximum assembly exposure of 45 GWD/MTU for SPC 9X9-2 fuel for U2C8 and future cycles. We are confident that inspection results will validate this belief by meeting the appropriate inspection criteria established in the referenced submittal. The inspection results will be provided with

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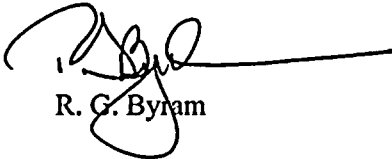
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the license amendment submittal for NRC review. Should the inspections provide unanticipated results, we will inform you. The license amendment will simply add a reference to the LTR in Technical Specification 6.9.3.2, "Core Operating Limits Report."

Any questions on this submittal should be directed to Mr. R. Sgarro at (610) 774-7914.

Very truly yours,



R. G. Byram

Attachment

cc: NRC Document Control Desk (original)  
NRC Region I  
Mr. G. S. Barber, NRC Sr. Resident Inspector - SSES  
Mr. C. Poslusny, Jr., NRC Sr. Project Manager - OWFN  
Mr. S. Wu, NRR/SRXB - OWFN



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**PP&L PROPOSED MILESTONE SCHEDULE:  
NRC REVIEW OF EXTENDED FUEL EXPOSURE**

DATE	ACTIVITY
May 31, 1994	PP&L LTR submitted for NRC review
October, 1994	PP&L/SPC perform lead use assembly (LUA) inspections
November 1, 1994	NRC issues Safety Evaluation on LTR PP&L preliminary inspection data available
November 11, 1994	PP&L orders U2C8 enrichment
December 16, 1994	SPC report on LUA inspections to PP&L
January 13, 1995	PP&L final report on LUA inspections
January 19, 1995	PORC review of license amendment
January 23, 1995	SRC review of license amendment
January 25, 1995	PP&L submits license amendment to NRC
April 14, 1995	U2C8 fuel bundle fabrication begins
August 1, 1995	NRC issues license amendment
September 9, 1995	U2 7th Refueling outage begins
November, 1995	U2C8 begins