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ACCESSION NBR: 8207010312 DOC. DATE: 82/06/30 NOTARIZED: NO DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388  
 AUTH. NAME AUTHOR AFFILIATION  
 CURTIS, N. W. Pennsylvania Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Submits info re enhanced fission gas release per 810506, 2B &  
 0821 ltrs. Resolution of gas release issue should eliminate  
 high burnup licensing condition.

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IE/DEP EPDS 35	1	1	IE/DEP/EPLB 36	3	3
MPA	1	0	NRR/DE/CEB 11	1	1
NRR/DE/EQB 13	3	3	NRR/DE/GB 28	2	2
NRR/DE/HQEB 30	2	2	NRR/DE/MEB 18	1	1
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<u>REG FILE</u> 04	1	1	RGN1	2	2

EXTERNAL: ACRS 41	10	10	BNL (AMDTS ONLY)	1	1
DMB/DSS (AMDTS)	1	1	FEMA-REP DIV 39	1	1
LPDR 03	2	2	NRC PDR 02	1	1
NSIC 05	1	1	NTIS	1	1

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ACCESSION NO: 85071013 DOC DATE: 82/08/30 NOTARIZED: NO  
FACIL. 00-387 Suedwanna Steam Electric Station, Unit 1, Pennsylvania  
00-388 Suedwanna Steam Electric Station, Unit 2, Pennsylvania  
AUTHOR AFFILIATION  
RECIPIENT AFFILIATION  
LICENSING BRANCH 2

SUBJECT: Submit info re enhanced fusion gas release per 81000.00 &  
0001 Int. Resolution of gas release issue should eliminate  
high burnup licensing condition

DISTRIBUTION CODE: BOIS COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1  
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IEVDE ERDS 25	1	1	IEVDE\ERL8 26	3	3
MPA	1	0	NRR\DEVCEP 11	1	1
NRR\DEVCEB 13	3	3	NRR\DEVCS 28	2	2
NRR\DEVHOB 30	2	2	NRR\DEVMB 18	1	1
NRR\DEVHTEB 17	1	1	NRR\DEVGAN 21	1	1
NRR\DEVHAB 24	1	1	NRR\DEVSEB 28	1	1
NRR\DEVHFEBA0	1	1	NRR\DEVSLGB 32	1	1
NRR\DEVHSLB 34	1	1	NRR\DEVSTRB20	1	1
NRR\DEVHVEB 26	1	1	NRR\DEVSLASH 27	1	1
NRR\DEVHVCB 10	1	1	NRR\DEVSLVGB 09	1	1
NRR\DEVHVEB 12	1	1	NRR\DEVSLVCSB 16	1	1
NRR\DEVHVEB 19	1	1	NRR\DEVSLVRAH 22	1	1
NRR\DEVHVEB 22	1	1	NRR\DEVSLVLOH 23	1	1
LEG FILE	1	1	RONI	2	2
EXTERNAL: ACRS	10	10	BML(AMTS ONLY)	1	1
DMVDS (AMTS)	1	1	HEMA-REP DIV 29	1	1
LTR	2	2	MRC PDR	1	1
INTC	1	1	NTIS	1	1



**Pennsylvania Power & Light Company**

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Norman W. Curtis  
Vice President-Engineering & Construction-Nuclear  
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June 30, 1982

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
U.S. Nuclear Regulatory Commission  
Washington D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
ENHANCED FISSION GAS RELEASE  
ER 100450 FILE 841-2  
PLA-1152

Docket Nos. 50-387  
388

Dear Mr. Schwencer:

- References:
- 1) Letter MFN-077-81, R.E. Engel, (GE) to T.A. Ippolito (NRC), "Extension of Emergency Core Cooling System Performance Limits," May 6, 1981.
  - 2) Letter MFN-102-81, R.E. Engel, (GE) to T.A. Ippolito, (NRC), "Additional Information Regarding Extension of Emergency Core Cooling System Performance Limits", May 28, 1981.
  - 3) Letter MFN-155-81, R.M. Pifferetti, (GE) to R.L. Tedesco, (NRC), "Fission Gas Release from Fuel at High Burnup", August 21, 1981.

PP&L has reviewed the referenced correspondence and determined that Susquehanna meets the requirements of Reference 3 with no credit taken for improved ECCS evaluation models. Sufficient PCT margin is achieved.

Reference 1, 2, and 3 are applicable to Susquehanna, can be used to resolve the enhanced fission gas release issue for Susquehanna, and should eliminate the high burnup licensing condition.

Very truly yours,

N.W. Curtis  
Vice President - Engineering & Construction - Nuclear

cc: R.L. Peach - NRC

13001

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PDR ADDCK 05000387  
A PDR

