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FACIL:50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva 05000387  
50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388  
AUTH.NAME    AUTHOR AFFILIATION  
KEISER,H.W.    Pennsylvania Power & Light Co.  
RECIP.NAME    RECIPIENT AFFILIATION

SUBJECT: "Annual Personnel Exposure Rept for CY89 for Susquehanna Steam electric Station." W/900226 ltr.    R  
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Pennsylvania Power & Light Company

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Harold W. Keiser  
Senior Vice President-Nuclear  
215/770-4194

FEB 26 1990

Ms. Barbara G. Brooks  
Occupational Radiation Protection Branch  
Mail Stop NLS/139  
Office of Nuclear Regulatory Research  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
ANNUAL PERSONNEL EXPOSURE REPORT  
PLA-3346 FILE R41-2A

Docket Nos. 50-387/NPF-14  
and 50-388/NPF-22

Dear Ms. Brooks:

In accordance with the Susquehanna SES Unit 1 and 2 Technical Specifications Section 6.9.1.5a, the attached annual personnel exposure report is provided for SSES Units 1 and 2 covering the calendar year 1989.

Very truly yours,

H. W. Keiser  
Vice President-Nuclear Operations

Attachment

cc: NRC Document Control Desk (original)  
NRC Region I  
Mr. G. S. Barber - NRC Resident Inspector  
Mr. M. C. Thadani - NRC Project Manager

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PDR ADDCK 05000387  
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## NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION - 1989

X---WORK & JOB FUNCTION---X	X---NUMBER OF PERSONNEL (>100 MREM)---X				X-----TOTAL MAN-REMS-----X			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPERATIONS & SURV								
MAINTENANCE:	2				.285			.285
OPERATING:	59		7		31.291		1.469	32.760
HEALTH PHYSICS:	3		2		1.389		.350	1.739
SUPERVISORY:	1				.140			.140
ENGINEERING:								
**** TOTAL ****:	65		9	74	33.105		1.819	34.924
ROUTINE MAINTENANCE								
MAINTENANCE:	74	270	252		63.483	151.078	118.089	332.650
OPERATING:	45		17		23.708		9.148	32.856
HEALTH PHYSICS:	32		187		21.522		114.127	135.649
SUPERVISORY:	21				6.211			6.211
ENGINEERING:	13	4			2.986	.683		3.669
**** TOTAL ****:	185	274	456	915	117.910	151.761	241.364	511.035
IN SERVICE INSPECTION								
MAINTENANCE:	1	92	121		1.320	87.402	86.465	175.187
OPERATING:	1				.238			.238
HEALTH PHYSICS:		1	5			.385	3.684	4.069
SUPERVISORY:	3				1.468			1.468
ENGINEERING:								
**** TOTAL ****:	5	93	126	224	3.026	87.787	90.149	180.962
SPECIAL MAINTENANCE								
MAINTENANCE:		9	60			8.273	18.369	26.642
OPERATING:							.810	.810
HEALTH PHYSICS:			3					.128
SUPERVISORY:	1				.128			.128
ENGINEERING:		1				.105		.105
**** TOTAL ****:	1	10	63	74	.128	8.378	19.179	27.685
WASTE PROCESSING								
MAINTENANCE:	3	2	1		.850	.885	.204	1.939
OPERATING:			2				2.265	2.265
HEALTH PHYSICS:	3		9		.465		5.045	5.510
SUPERVISORY:								
ENGINEERING:								
**** TOTAL ****:	6	2	12	20	1.315	.885	7.514	9.714
REFUELING								
MAINTENANCE:			6				.979	.979
OPERATING:	4				.608			.608
HEALTH PHYSICS:								
SUPERVISORY:								
ENGINEERING:								
**** TOTAL ****:	4		6	10	.608		.979	1.587
TOTAL BY JOB FUNCTION								
MAINTENANCE:	80	373	440		65.938	247.638	224.106	537.682
OPERATING:	109	0	26		55.845	0.000	12.882	68.727
HEALTH PHYSICS:	38	1	206		23.376	0.385	124.016	147.777
SUPERVISORY:	26	0	0		7.947	0.000	0.000	7.947
ENGINEERING:	13	5	0		2.986	0.788	0.000	3.774
***** GRAND TOTAL *****:	266	379	672	1317	156.092	248.811	361.004	765.907