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 KEISER, H.W. Pennsylvania Power & Light Co.
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SUBJECT: "Annual Personnel Exposure Rpt for CY90 for Susquehanna Steam Electric Station." W/910221 ltr.

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Pennsylvania Power & Light Company

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Chief, Radiation Protection &
Health Effects Branch
c/o NRC Document Control Desk
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
ANNUAL PERSONNEL EXPOSURE REPORT
PLA-3522 FILE R41-2A**

Docket Nos. 50-387
and 50-388

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 1990.

Very truly yours,

H. W. Keiser

Attachment

cc: NRC Region I
Mr. M.C. Thadani, NRC Project Manager (OWFN)
Mr. G.S. Barber, NRC Sr. Resident Inspector (SSES)

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PDR ADOCK 05000387
R PDR

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION - 1990

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:								
OPERATING:	69		4		24.376		1.037	25.413
HEALTH PHYSICS:	8		5		3.532		.960	4.492
SUPERVISORY:		1				.201		.201
ENGINEERING:								
**** TOTAL ****:	77	1	9	87	27.908	.201	1.997	30.106
ROUTINE MAINTENANCE								
MAINTENANCE:	83	221	160		44.364	90.243	66.064	200.671
OPERATING:	40	1	10		13.328	.130	4.951	18.409
HEALTH PHYSICS:	23	1	133		17.991	.595	63.239	81.825
SUPERVISORY:	11				2.560			2.560
ENGINEERING:	7	2	6		1.217	.222	1.983	3.422
**** TOTAL ****:	164	225	309	698	79.460	91.190	136.237	306.887
IN SERVICE INSPECTION								
MAINTENANCE:		36	55			32.637	22.153	54.790
OPERATING:								
HEALTH PHYSICS:								
SUPERVISORY:	1				.565			.565
ENGINEERING:		3				.371		.371
**** TOTAL ****:	1	39	55	95	.565	33.008	22.153	55.726
SPECIAL MAINTENANCE								
MAINTENANCE:	3	52	20		.955	27.704	9.117	37.776
OPERATING:								
HEALTH PHYSICS:	1	1	5		.822	.505	1.613	2.940
SUPERVISORY:	2	1			.295	.210		.505
ENGINEERING:	4		14		.768		5.819	6.587
**** TOTAL ****:	10	54	39	103	2.840	28.419	16.549	47.808
WASTE PROCESSING								
MAINTENANCE:	1	1	1		.110	.405	.125	.640
OPERATING:			2				1.400	1.400
HEALTH PHYSICS:	3		9		1.225		3.479	4.704
SUPERVISORY:	1		1		.220		.620	.840
ENGINEERING:								
**** TOTAL ****:	5	1	13	19	1.555	.405	5.624	7.584
REFUELING								
MAINTENANCE:								
OPERATING:	3				.423			.423
HEALTH PHYSICS:								
SUPERVISORY:								
ENGINEERING:								
**** TOTAL ****:	3			3	.423			.423
TOTAL BY JOB FUNCTION								
MAINTENANCE:	87	310	236		45.429	150.989	97.459	293.877
OPERATING:	112	1	16		38.127	0.130	7.388	45.645
HEALTH PHYSICS:	35	2	152		23.570	1.100	69.291	93.961
SUPERVISORY:	15	2	1		3.640	0.411	0.620	4.671
ENGINEERING:	11	5	20		1.985	0.593	7.802	10.380
***** GRAND TOTAL *****:	260	320	425	1005	112.751	153.223	182.560	448.534



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