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**APR 28 2003**

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station OP1-17  
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION  
ANNUAL PERSONNEL EXPOSURE REPORT  
PLA-5616**

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**Docket Nos. 50-387  
and 50-388**

In accordance with the Susquehanna SES Unit 1 and 2 Technical Specifications, Section 5.6.1, the attached annual personnel exposure report is provided for calendar year 2002 for SSES Units 1 and 2. The report includes only those individuals whose cumulative dose for calendar year 2002 was greater than 100 mrem.

Also, in accordance with Regulation Guide 1.16, Special Maintenance is described as the performance of all plant modifications or changeouts of any plant equipment, piping, etc. that were not a part of the original plant.

Please contact Mr. Duane L. Filchner at (610) 774-7819 if you have any questions concerning this submittal.

Sincerely,

B. L. Shriver

Attachment

copy: NRC Region I  
Mr. R. V. Guzman, NRC Project Manager  
Mr. S. Hansell, NRC Sr. Resident Inspector  
Mr. R. Janati, DEP/BRP

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**Attachment 1 to PLA-5616**

**Annual Personnel Exposure Report for  
Calendar Year 2002**

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Work Code	Job Function Code	Station		Utility		Contractor		Total	
		Personnel	Person-Rem	Personnel	Person-Rem	Personnel	Person-Rem	Personnel	Person-Rem
Reactor Operations And Surv	Maintenance	5	0.963			1	0.250	6	1.213
	Operating	66	14.639					66	14.639
	Health Physics	23	9.696			11	3.289	34	12.985
	Supervisory	5	0.993			4	1.049	9	2.042
	Engineering								
	**** Total ****	99	26.291			16	4.588	115	30.879
Routine Maintenance	Maintenance	176	55.488			163	43.925	339	99.413
	Operating	37	9.252					37	9.252
	Health Physics	30	11.253			32	14.342	62	25.595
	Supervisory	14	2.581			15	5.829	29	8.410
	Engineering	2	0.310			40	12.718	42	13.028
	**** Total ****	259	78.884			250	76.814	509	155.698
In Service Inspection	Maintenance	11	3.608			8	1.289	19	4.897
	Operating	1	0.341					1	0.341
	Health Physics								
	Supervisory								
	Engineering					6	1.458	6	1.458
	**** Total ****	12	3.949			14	2.747	26	6.696
Special Maintenance	Maintenance	4	0.867			23	5.344	27	6.211
	Operating								
	Health Physics								
	Supervisory								
	Engineering					1	0.218	1	0.218
	**** Total ****	4	0.867			24	5.562	28	6.429
Waste Processing	Maintenance	4	1.518			4	0.632	8	2.150
	Operating					1	1.050	1	1.050
	Health Physics	4	1.711			1	0.228	5	1.939
	Supervisory								
	Engineering								
	**** Total ****	8	3.229			6	1.910	14	5.139
Refueling	Maintenance	2	0.361					2	0.361
	Operating	5	0.641					5	0.641
	Health Physics								
	Supervisory	1	0.153					1	0.153
	Engineering								
	**** Total ****	8	1.155					8	1.155
TOTAL									
	Maintenance	202	62.805			199	51.440	401	114.245
	Operating	109	24.873			1	1.050	110	25.923
	Health Physics	57	22.660			44	17.859	101	40.519
	Supervisory	20	3.727			19	6.878	39	10.605
	Engineering	2	0.310			47	14.394	49	14.704
	**** Grand Total ****	390	114.375			310	91.621	700	205.996