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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: "Annual Personnel Whole Body Exposures for CY 90 for
Susquehanna Steam Electric Station." W/910325 ltr.

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 TITLE: 20.407 Annual Personnel Monitoring Rpt/Annual Rad Exposure Rpt by Fun

NOTES: LPDR 1 cy Transcripts. 05000387
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Pennsylvania Power & Light Company

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Harold W. Keiser
Senior Vice President-Nuclear
215/774-4194

MAR 25 1991

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-3543 FILE R41-2A**

Docket Nos. 50-387
and 50-388

In accordance with 10CFR20.407, the attached annual personnel monitoring report is provided for Susquehanna SES Units 1 and 2 covering the calendar year 1990. This information is provided for the total number of individuals for whom personnel monitoring was provided during the calendar year. If you have any questions, please call Mr. R.D. Kichline at (215) 774-4181.

Very truly yours,

H. W. Keiser

Attachment

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

PERSONNEL WHOLE BODY EXPOSURES FOR THE CALENDAR YEAR 1990

ESTIMATED WHOLE BODY EXPOSURE RANGE (REM)	# OF INDIVIDUALS IN EACH RANGE	TOTAL DOSE RECEIVED (REMS)
< 0.010	2062	0.000
0.010 -- 0.100	684	27.620
0.100 -- 0.250	368	61.886
0.250 -- 0.500	328	117.849
0.500 -- 0.750	189	114.470
0.750 -- 1.000	77	65.122
1.000 -- 2.000	45	53.327
2.000 -- 3.000	0	0.000
3.000 -- 4.000	0	0.000
4.000 -- 5.000	0	0.000
5.000 -- 6.000	0	0.000
6.000 -- 7.000	0	0.000
7.000 -- 8.000	0	0.000
8.000 -- 9.000	0	0.000
9.000 -- 10.000	0	0.000
10.000 -- 11.000	0	0.000
11.000 -- 12.000	0	0.000
> 12.000	0	0.000
TOTALS:	3753	440.274

NOTE: INDIVIDUAL VALUES EXACTLY EQUAL TO THE VALUES SEPARATING EXPOSURE RANGES ARE REPORTED IN THE HIGHER RANGE.

Docket Nos. 50-387
and 50-388

MAR 21 1991

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: OPERATIONAL EVENTS WHILE SHUTDOWN, SUSQUEHANNA STEAM ELECTRIC
STATION, UNITS 1 AND 2

The NRC has just issued Information Notice 91-22, "Four Plant Outage Events Involving Loss of AC Power or Coolant Spills," which addresses recent events that occurred during shutdown operations.

The chief purpose of this information notice is to notify each licensee that the high rate of precursor events to loss of decay heat removal during shutdown is a source of concern to the NRC. All of the events discussed in this information notice occurred during a one-week period in March 1991. Because of the potential for loss of a critical safety function in these and similar events, I believe a high level of management attention is required in the planning, coordination, and execution of shutdown operations.

While this information notice does not require specific licensee action or response, I urge you to give this important matter your personal attention.

Sincerely,

Original signed by
Thomas E. Murley

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 21 1991

Docket Nos. 50-387
and 50-388

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Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

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Sincerely,

A handwritten signature in black ink, appearing to read "T. Murley", with a stylized flourish at the end.

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

cc: See next page

Mr. Harold W. Keiser
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station
Units 1 & 2

cc:

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