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REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9003090043 DOC.DATE: 90/02/22 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
 FIELDS,J.S. Pennsylvania Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 WILKES,J.J. Pennsylvania, Commonwealth of

SUBJECT: Forwards "NPDES Discharge Monitoring Rept for Jan 1990."
 One noncomplaine noted.

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NOTES:LPDR 1 cy Transcripts. 05000387 S
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	RGN1 DRSS/RPB	2 2	RGN1 FILE 02	1 1
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NOTES:		2 2		

NOTE TO ALL "RIDS" RECIPIENTS:

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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

February 22, 1990

Mr. John J. Wilkes, Jr.
Chief, Operations Section
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
90 East Union Street, 2nd Floor
Wilkes-Barre, PA 18701-3296

SUSQUEHANNA STEAM ELECTRIC STATION
DISCHARGE MONITORING REPORT - JANUARY, 1990
NPDES PERMIT NO. PA 0047325
CCN 741326 FILE R9-8A
PLE-12224

Dear Mr. Wilkes:

Pursuant to Part A, 3.b.(1) of NPDES Permit No. PA 0047325, enclosed please find the Susquehanna Steam Electric Station discharge monitoring report for January 1990. Also enclosed is Pennsylvania Department of Environmental Resources' Monthly Facility Report Form (01-112).

There was one noncompliance in January. The noncompliance was recorded for zinc on the Cooling Tower Blowdown on January 25, 1990. The zinc level was recorded at 7.70 mg/l (Limit = 1.0 mg/l). This excursion was believed to be a result of a non-representative sample technique. Samples are taken by an automatic composite sampler which is attached to the Cooling Tower Blowdown Sample Line. In its present configuration, solids are allowed to build up in a "dead-leg" in the sampler. When the sampler receives its signal to composite, the contents of the "dead-leg" are deposited in the sample container. This sample is not representative of what is actually flowing through the blowdown line.

In an effort to resolve this problem, the use of the automatic sampler has been discontinued and manual, eight-hour composites initiated. Manual sampling will allow for an adequate sample line flush and a more representative sample. A comparison between the two methods of sampling was performed in early February and the results confirm this theory. Also, samples collected from the Cooling Tower Basin confirm that the composite sampler results are not representative.

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PDR ADDCK 05000387
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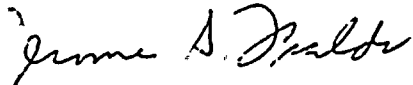
February 22, 1990

-2-

CCN 741326 PLE-12224
FILE R9-8A
To: John J. Wilkes, Jr.

If you have any questions, please contact me at (215) 770-7889.

Respectfully yours,


Jerome S. Fields
Senior Environmental Scientist-Nuclear

jsf/1ta1931i(26)

Enclosures

cc: EPA Region III
NRC Document Control Desk
NRC Region I
Mr. G. S. Barber, NRC Sr. Resident Inspector
Mr. M. C. Thadani, NRC Project Manager

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PENNSYLVANIA P U L - SUSQUEHANA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

PA0047325
PERMIT NUMBER

073 A
DISCHARGE NUMBER

F - FINAL
SEDIMENTATION POND OVERFLOW

FACILITY
LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
90 01 01 TO 90 01 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUFR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE FROM EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****						
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	No discharge to			*****	*****	*****				
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	PHPLOG
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

9003090049 900222
PDR ADOCK 05000387
R PNU

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
H.W. Keiser - Sr. Vice Pres Nuclear Operations TYPED OR PRINTED			717 542-3995 90 2 15	AREA CODE	NUMBER	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FLOW AND PH SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER CONDITIONS.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHANAADDRESS TWO NORTH NINTH STREETALLENTOWN PA 18101

FACILITY _____

LOCATION _____

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

2A0047325

PERMIT NUMBER

071 A

DISCHARGE NUMBER

P - FINAL

COOLING TOWER BLOWDOWN

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
90	01	01		90	01	31

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		8.10	*****	8.70		0	DAILY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	466.18	1142.47		*****	4.72	13.10		*	4/Month	Comp-8
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	817 30DA AVG	REPORT DAILY MX	LBS/DY	*****	6.8 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	COMP-8
IRON, DISSOLVED (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.10		*	4/Month	Comp-8
01046 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MX	MG/L		WEEKLY	COMP-8
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		*****	*****	7.70		1	4/Month	Comp-8
01092 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX	MG/L		WEEKLY	COMP-8
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.010	0.015		*****	*****	*****		*	Daily	Recorder
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	RCORDE
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.05		0	Daily	Gr
50064 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.20 DAILY MX	MG/L		DAILY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE	
H.W. Kiser - Sr. Vice Pres. Nuclear Operations TYPED OR PRINTED			717 542-3495	90	2

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

CHROMIUM SHALL BE SAMPLED & REPORTED IN JULY EACH YEAR. SAMPLES FOR FREE AVAILABLE CHLORINE SHALL BE TAKEN DURING CHLORINATION. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. THERE SHALL BE NO DISCHARGE OF LEVELS OF CHLORINATED POLYBIPHENYL COMPOUNDS EXCEEDING TOTAL ZINC AND TOTAL CHROMIUM. SEE PERMIT FOR RESTRICTIONS.

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. (REPLACES EPX FORM 140 WHICH MAY NOT BE USED)

60305/121989-1015 PAGE 1 OF 1

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PENNSYLVANIA P & L - SUSQUEHARRA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

PA0047325
PERMIT NUMBER

072 A
DISCHARGE NUMBER

F - FINAL
SERV AND ADMIN BUILDING 'SUMP

FACILITY
LOCATION

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	01	01		90	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)								
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS											
PH	SAMPLE MEASUREMENT	*****	*****		7.30	*****	7.40		0	Daily	Grab								
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB								
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	5.82	8.25		0	3/Month	Grab								
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB								
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	1.68	2.28		0	3/Month	Grab								
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB								
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0105	0.0105		*****	*****	*****		*	Daily	Estim								
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	ESTIMA								
	SAMPLE MEASUREMENT																		
	PERMIT REQUIREMENT																		
	SAMPLE MEASUREMENT																		
	PERMIT REQUIREMENT																		
	SAMPLE MEASUREMENT																		
	PERMIT REQUIREMENT																		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE											
H.W. Keiser - Sr. Vice Pres.																			
Nuclear Operations																			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE	NUMBER	YEAR	MO	DAY									
						717	542-3995	90	2	15									

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FLOW AND PH SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER REQUIREMENTS.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHARRA
 ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA0047325

PERMIT NUMBER

073 A

DISCHARGE NUMBER

F - FINAL

#1 TURBINE BUILDING OUTER SUMP

FACILITY

LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
 90 01 01 90 01 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT (46-53)	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH		*****	*****		7.75	*****	7.85		Daily	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	9.0	9.60		2/Month	Grab
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	1.35	2.70		2/Month	Grab
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0087	0.0087		*****	*****	*****		Daily	Estim.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****		DAILY	ESTIMA
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.W. Keiser - Sr. Vice Pres
 Nuclear Operations
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 717 542-3995

DATE
 2. 15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FLOW AND PH SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIP
 HENYL COMPOUNDS. SEE PERMIT FOR OTHER REQUIREMENTS.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PENNSYLVANIA P & L - SUSQUEHNA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA0047325

PERMIT NUMBER

074 A

DISCHARGE NUMBER

F - FINAL

12 TURBINE BUILDING OUTER SURF

FACILITY
LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

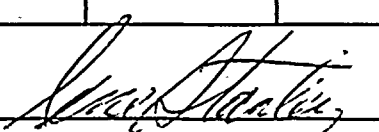
MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
90 01 01 90 01 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING			(4 Card Only) (38-45) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.65	*****	7.75		0	Daily	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	2.0	3.20		0	2/Month	Grab
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX	HG/L		ONCE/ MONTH	GRAB
OIL AND GREASE FRACTION EXTRA-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	1.67	1.94		0	2/Month	Grab
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	HG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0087	0.0087		*****	*****	*****		*	Daily	Estim.
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H.W. Reiser - Sr. Vice Pres. Nuclear Operations TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE 717 542-3995	DATE 90 2 15
			AREA CODE NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FLOW AND PH SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER REQUIREMENTS.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PENNSYLVANIA P & L - SUSQUEHNA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA0007325

PERMIT NUMBER

076 A

DISCHARGE NUMBER

F - FINAL

ACID AND CL BUILDING SHOP

FACILITY
LOCATION
ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD

FROM YEAR 90 MO 01 DAY 01 TO YEAR 90 MO 01 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUHR 92)

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****						
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE FROM EXTH-GRAV NET	SAMPLE MEASUREMENT	*****	*****		*****						
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	No discharge			*****	*****	*****				
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>H.W. Keiser - Sr. Vice Pres.</u> <u>Nuclear Operations</u> TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <u>[Signature]</u>	TELEPHONE 717 542-3945 AREA CODE NUMBER	DATE 2 2 90 YEAR MO DAY
--	---	--	---	-------------------------------

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FLOW AND PH SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER REQUIREMENTS.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHMA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA0047325

PERMIT NUMBER

079 A

DISCHARGE NUMBER

F - FINAL
SEWAGE TREATMENT EFFLUENT.

FACILITY

LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
90 01 01 90 01 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.95	*****		*****	8.20	Footnote 1		*	1/MONTH	Comp-8
	PERMIT REQUIREMENT	20 30DA AVG	*****	LBS/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		ONCE/MONTH	COMP-8
PH	SAMPLE MEASUREMENT	*****	*****		6.85	*****	7.75		0	DAILY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.10	*****		*****	9.50	Footnote 1		*	1/MONTH	Comp-8
	PERMIT REQUIREMENT	20 30DA AVG	*****	LBS/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		ONCE/MONTH	COMP-8
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.015	0.028		*****	*****	*****		*	DAILY	Recorder
	PERMIT REQUIREMENT	0.08 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	PMPLOG
CHLORINE, FREE AVAILABLE 50064 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.23	0.45		*	DAILY	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		DAILY	GRAB
BOD, PERCENT REMOVAL (TOTAL) 50076 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		Footnote 2	*****	*****			Footnote 2	
	PERMIT REQUIREMENT	*****	*****	****	85 MONTH MN	*****	*****	PER- CENT		ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	23	*****		*	1/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	2000 30DA GEO	*****	1/ 100ML		DAILY	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.W. Keiser - Sr. Vice Pres

Nuclear Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

[Signature]

TELEPHONE

717 542-3995

DATE

9/15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER CONDITIONS.

Footnote 1 = Limit not included in Permit, Footnote 2 = Permit Requires 8 hour Composite Sample.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHANA
 ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA0047325

PERMIT NUMBER

079 A

DISCHARGE NUMBER

F - FINAL

SEWAGE TREATMENT EFFLUENT

FACILITY

LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD

FROM YEAR 90 MO 01 DAY 01 TO YEAR 90 MO 01 DAY 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUAR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY PERCENT REMOVAL 81010 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		95.7	*****	*****	0	1/Month	Comp-8
	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****		ONCE/ MONTH	COMP-8
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		96.7	*****	*****	0	1/Month	Comp-8
	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****		ONCE/ MONTH	COMP-8
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.W. Kaiser - Sr. Vice Pres.

Nuclear Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

717 542-3995

AREA
CODE

NUMBER

DATE

90 2 15

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER CONDITIONS.

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHUNNA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PAC047325

PERMIT NUMBER

171 A

DISCHARGE NUMBER

F - FINAL

HADWASTE TREATMENT EFFLUENT

FACILITY

LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
90 01 01 90 01 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBS 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0	0.0		0	1/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	30	100			ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.011	0.043		*****	*****	*****		*	DAILY	ESTIM.
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.W. Keiser - Sr. Vice Pres

Nuclear Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

717 542-3995

AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FLOW SHALL BE MEASURED DAILY WHEN DISCHARGING. OIL & GREASE SHALL BE SAMPLED AND REPORTED IN JULY EACH YEAR.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location (if different)

NAME PENNSYLVANIA P & L - SUSQUEHANNAADDRESS TWO NORTH NINTH STREETALLENTOWN PA 18101

FACILITY _____

LOCATION _____

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

260047325

PERMIT NUMBER

271 A

DISCHARGE NUMBER

F - FINAL

WASTE FILTER BYPASS

MONITORING PERIOD

FROM

YEAR MO DAY
90 01 01

TO

YEAR MO DAY
90 01 31

(20-21) (22-23) (24-25)

(26-27) (28-29) (30-31)

MAJOR (SU9R 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	No discharge			*****	*****	*****				
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	PM PLOG
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.W. Keiser - Sr. Vice Pres.

Nuclear Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

717 542-3995

AREA
CODE

NUMBER

DATE

2 15

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLES SHALL BE TAKEN PRIOR TO COMBINATION WITH CIRCULATION WATER SYSTEM. FLOW SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHARRA
 ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

210047325

PERMIT NUMBER

371 A

DISCHARGE NUMBER

F - FINAL

NEUTRALIZATION BASIN DISCHARGE

FACILITY

LOCATION

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
 93 01 01 93 01 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SU8R 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	25.2	25.2		0	1/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	30 30DA AVG	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV MESH 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0	0.0		0	1/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.013	0.018		*****	*****	*****		*	DAILY	Estim.
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.W. Keiser - Sr. Vice Pres

Nuclear Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

[Signature]

TELEPHONE

717 542-3495

DATE

90 2 15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLES SHALL BE TAKEN PRIOR TO COMBINATION WITH CIRCULATING WATER SYSTEM. FLOW SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR OTHER CONDITIONS.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUEHNAADDRESS TWO NORTH NINTH STREETALLENTOWN PA 18101

FACILITY _____

LOCATION _____

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

PA0647325

PERMIT NUMBER

471 A

DISCHARGE NUMBER

F - FINAL

WASTE FILTER EFFLUENT

MONITORING PERIOD

FROM

YEAR
90MO
01DAY
01

TO

YEAR
90MO
01DAY
31

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

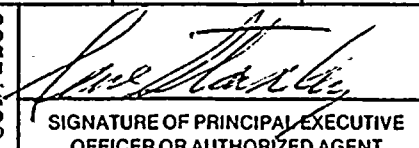
PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	30 30DA AVG	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	No discharge			*****	*****	*****				
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	**** ****		DAILY	PMFLOG
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H.W. Keiser - Sr. Vice Pres
Nuclear Operations
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

TELEPHONE
717 542-3495
 AREA CODE NUMBER

DATE
90 01 15
 YEAR MO DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLES SHALL BE TAKEN PRIOR TO COMBINATION WITH CIRCULATION WATER SYSTEM. FLOW SHALL BE MEASURED DAILY WHEN DISCHARGING. THERE SHALL BE NO DISCHARGE OF POLYCHLORINATED BIPHENYL COMPOUNDS. SEE PERMIT FOR GTH

MONTHLY FACILITY REPORT

Date Prepared 2/23/90Facility Name Susquehanna Steam Electric Station PWS ID NO. 2400994Facility Address P.O. Box 467
Berwick, PA 18603NPDES Permit No. PA 0047325Municipality Salem TownshipIncinerator Permit Number(s) N/ACounty LuzerneTelephone Number (215) 770-7889Person Completing Form Jerome S. Fields

(Print Name)

Signature *Jerome S. Fields*Title Sr. Environmental Scientist1. Total Hours Incinerator Operated N/A2. Type of Fuel N/A3. Total Fuel Usage N/A4. Supplier of Fuel N/A5. Estimated Amount of Sludge Incinerated N/A6. Incinerator Ash Disposal N/A 7. Sludge Disposal Water Treatment

(a) How Much (Tons) _____

(b) Where _____

(c) When (Last Occurrence) _____

(d) Hauler _____

(e) Receipts: Yes _____ No _____

(a) How Much (Tons) 0

(b) Where _____

(c) When (Last Occurrence) _____

(d) Hauler _____

(e) Receipts: Yes _____ No _____

8. Other Wastes (Grits, Barscreening, etc.)

(a) How Much (Tons) 0

(b) Where _____

(c) When (Last Occurrence) _____

(d) Hauler _____

(e) Receipts: Yes _____ No _____

9. Septic Tank Waste Accepted: Yes _____ No X

10. If yes:

(a) Volume _____

(b) Hauler(s) _____ Percent (%) Hauled _____

11. Analysis Performed to ensure tank waste contains no industrial waste

(a) Yes _____ No _____

(b) If yes, frequency _____

12. Additional Comments: 12,700 gal. of Septic Tank waste taken offsite and
treated at Shickshinny Sewage Treatment Plant.

