

Facility Name/Location if different
NAME PENNSYLVANIA P & L - SUSQUEHUNNA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101
FACILITY
LOCATION
ATTN: J.F. KAUFFMAN, EXEC. VICE PRES

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

F - FINAL LIMITS

OMB No. 2040-0004

Expires 2-29-84

PA0047325

041 A

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	10	01	84	10	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

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				UNITS
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.39	*****	8.41		0	Daily	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	26.0	44.5		0	Daily	Grab
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	200 DAILY MX	MG/L		DAILY	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	*****	*****	3.5	7.1		1	Daily	Grab
01045 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	7.0 DAILY MX	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	10.08	10.08		*****	*****	*****	*****	*	Estimated	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	14.4 AVERAGE	*****	MGD	*****	*****	*****	*****		DAILY	RECORD
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	<0.35	0.35		*****	<0.05	0.05		0	Daily	Grab
50004 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.0 DAILY AV	5.0 DAILY MX	LBS/DY	*****	0.2 DAILY AV	0.5 DAILY MX	MG/L		DAILY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

8412060111 841031
PDR ADOCK 05000387
R PDR

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 USC § 1001 AND 33 USC § 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		
Kenyon, Bruce D. Vice President- Nuclear Operations * TYPED OR PRINTED		<i>BK</i>	215 770-7889	84	11	26
			AREA CODE NUMBER	YEAR	MO	DAY

COMMENTARY EXPLANATION OF VARIATION FROM THE QUALITY OF THE RAW WATER SUPPLY.
CHLORINE MONITORED WHEN ADDED. SEE PERMIT FOR OTHER CHLORINE, IRON & TSS DISCHARGE SPECS.
FOR THIS AND ALL OTHER PIPES: NO PCB'S SHALL BE DISCHARGED.

1025
11

Facility Name/Address (Print)
PENNSYLVANIA P & L - SUSQUEHNA
TWO NORTH NINTH STREET
ALLENTOWN PA 18101

DISCHARGE MONITORING REPORT (DMR)
(2-16) PA0047325
PERMIT NUMBER
(17-19) 042 A
DISCHARGE NUMBER

F - FINAL LIMITS
OUTFALL 042

OMB No. 2040-0004
Expires 2-29-84

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

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	10	01	84	10	31
(20-23)			(26-31)		

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			
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.30	*****	7.30	0	1/Month	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1.79	1.79		*****	20.4	20.4	0	1/Month	Grab
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.75 DAILY AV	19.18 DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX		ONCE/MONTH	GRAB
OIL AND GREASE FREON EXTRACTION=GRAV	SAMPLE MEASUREMENT	1.75	1.75		*****	20.0	20.0	0	1/Month	Grab
00556 1 0 (1) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.88 DAILY AV	3.34 DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0105	*****		*****	*****	*****	*****	*	Daily Measrd.
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.023 AVERAGE	*****	MGD	*****	*****	*****	*****	DAILY	MEASRD.
	SAMPLE MEASUREMENT	Only one discharge was made from this outfall during October.								
	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 USC § 1001 AND 33 USC § 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		
Kenyon, Bruce D. Vice President- Nuclear Operations					
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215 AREA CODE	770-7889 NUMBER	84 11 26 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments for details)
NO VIOLATIONS OF FEDERAL SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION-IR METHOD.

NAME PENNSYLVANIA P & L - SUSQUEHUNNA

(2-16)

(17-19)

F - FINAL LIMITS

Expires 2-29-84

ADDRESS TWO NORTH NINTH STREET

PA0047325

043 A

UNIT 1 TURBINE BUILDING - 043

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	84	10	01		84	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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			
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.48	*****	7.48	0	1/Month	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	0	TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.70	0.70		*****	9.6	9.6	0	1/Month	Grab
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.75 DAILY AV	19.18 DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX	0	ONCE/MONTH	GRAB
OIL AND GREASE FREON EXTRACTION-GRAV	SAMPLE MEASUREMENT	0.17	0.17		*****	2.27	2.27	0	1/Month	Grab
00556 1 0 (1) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.88 DAILY AV	3.84 DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX	0	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0087	*****		*****	*****	*****	*	Daily	Measrd.
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.023 AVERAGE	*****	MGD	*****	*****	*****	*****	DAILY	MEASRD
	SAMPLE MEASUREMENT	Only one	discharge	was made from this outfall during October.						
	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 USC § 1001 AND 33 USC § 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		
Kenycn, Bruce D. Vice President- Nuclear Operations TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215 770-7889 AREA CODE NUMBER	84	11	26 YEAR MO DAY

OTHER ANALYSIS OR EXPLANATION OF ANY DISCREPANCIES (If applicable, include in Remarks section)

(1) We also have EPA approval to use a MODIFIED PARTITION-IR METHOD.

DISCHARGE MONITORING REPORT (DMR)

F - FINAL LIMITS

UNIT 2 TURBINE BUILDING: 044

(2-16)

(17-19)

PA0047325

044 A

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	84	10	01		84	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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			
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.75	*****	7.98		0	2/Month Grab
00400 1 0	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0			TWICE/GRAB
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM			MONTH
SOLIDS, TOTAL	SAMPLE MEASUREMENT	0.99	1.63		*****	8.0	11.2		0	2/Month Grab
SUSPENDED	PERMIT REQUIREMENT	5.75	19.18	LBS/DY	*****	30	100			ONCE/GRAB
00530 1 0		DAILY AV	DAILY MX			DAILY AV	DAILY MX			MONTH
EFFLUENT GROSS VALUE										
OIL AND GREASE	SAMPLE MEASUREMENT	0.07	0.13		*****	0.92	1.83		0	2/Month Grab
FREON EXTRACTION-GRAV	PERMIT REQUIREMENT	2.88	3.84	LBS/DY	*****	15	20			ONCE/GRAB
00556 1 0 (1)		DAILY AV	DAILY MX			DAILY AV	DAILY MX			MONTH
EFFLUENT GROSS VALUE										
FLOW, IN CONDUIT OR	SAMPLE MEASUREMENT	0.013	*****		*****	*****	*****	*****	*	Daily Measrd.
THRU TREATMENT PLANT	PERMIT REQUIREMENT	0.023	*****	MGD	*****	*****	*****	*****		DAILY MEASRD
50050 1 0		AVERAGE								
EFFLUENT GROSS VALUE										
	SAMPLE MEASUREMENT	There were two discharges			from this outfall during October.					
	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 USC § 1001 AND 33 USC § 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		
Kenyon, Bruce D. Vice President- Nuclear Operations TYPED OR PRINTED		215	770-7889	84	11	26
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION-IR METHOD.

Facility Name/Address (Print)
NAME PENNSYLVANIA P & L - SUSQUEHNA
ADDRESS TWO NORTH NINTH STREET
ALLENTOWN PA 18101

DISCHARGE MONITORING REPORT (DMR)
(2-16) PA0047325 (17-19) 045 A
PERMIT NUMBER DISCHARGE NUMBER

F - FINAL LIMITS
ACID UNLOADING PAD: 046

OMB No. 2040-0004
Expires 2-29-84

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

MONITORING PERIOD
FROM YEAR 84 MO 10 DAY 01 TO YEAR 84 MO 10 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

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			
PH	SAMPLE MEASUREMENT	*****	*****	*****		*****				
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	TWICE/GRAB MONTH	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT				*****					
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.75 DAILY AV	2.5 DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX	MG/L	ONCE/GRAB MONTH	
OIL AND GREASE FREON EXTRACTION-GRAV	SAMPLE MEASUREMENT				*****					
00556 1 0 (1) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.38 DAILY AV	0.5 DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX	MG/L	ONCE/GRAB MONTH	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT		*****		*****	*****	*****	*****	*	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.003 AVERAGE	*****	MGD	*****	*****	*****	*****	ONCE/ESTIMA DISCHG	
	SAMPLE MEASUREMENT	There were no discharges from this outfall during October.								
	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 USC § 1001 AND 33 USC § 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		
Kenyon, Bruce D. Vice President- Nuclear Operations TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215 1770-7889	84	11

PHOTOGRAPHIC ANALYSIS OF DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION-IR METHOD.

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

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

F - FINAL LIMITS

OMB No. 2040-0004

Expires 2-29-84

PA0047325

PERMIT NUMBER

047 A

DISCHARGE NUMBER

UNIT 1 CONDENSATE TANK: 047

FACILITY

LOCATION

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

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	84	10	01		84	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT		*****		*****	*****	*****	*****	*	
	PERMIT REQUIREMENT	0.033 AVERAGE	*****	MGD	*****	*****	*****	*****		ONCE/ ESTIMA DISCHG
	SAMPLE MEASUREMENT	There were no discharges from this outfall during October.								
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	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 Kenyon, Bruce D. Vice President- 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 USC § 1001 AND 33 USC § 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 <i>B Kenyon</i>	TELEPHONE		DATE		
			215	770-7889	84	11	26
			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 THIS DMR MONITORS RAINWATER DISCHARGE COLLECTED IN DIKEED AREA SURROUNDING UNIT 1 CONDENSATE STORAGE TANK.

Facility Name/Location if different

NAMEPENNSYLVANIA P & L - SUSQUEHNA

ADDRESSTWO NORTH NINTH STREET

ALLENTOWNPA 18101

FACILITY

LOCATION

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

DISCHARGE MONITORING REPORT (DMR)

(2-16)

PA0047325

PERMIT NUMBER

(17-19)

048 A

DISCHARGE NUMBER

MONITORING PERIOD

FROM

YEAR

MO

DAY

TO

YEAR

MO

DAY

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

F - FINAL LIMITS

UNIT 2 CONDENSATE TANK: 048

OMB No. 2040-0004

Expires 2-29-84

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT		*****		*****	*****	*****	*****	*	
50050 1 0	PERMIT REQUIREMENT	0.019	*****	MGD	*****	*****	*****	*****	SEE	
EFFLUENT GROSS VALUE		AVERAGE							PERMIT	
	SAMPLE MEASUREMENT	There were no discharges from this outfall during October.								
	PERMIT REQUIREMENT									
	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

Kenyon, Bruce D.

Vice President-
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 USC § 1001 AND 33 USC § 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

215 770-7889

AREA
CODE

NUMBER

YEAR

MO

DAY

TELEPHONE

DATE

84 11 26

THIS DMR MONITORS RAINWATER DISCHARGE COLLECTED IN DIKED AREA SURROUNDING UNIT 2 CONDENSATE STORAGE TANK.

November 27, 1984

Mr. Paul Koval
Chief Operations Section
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
P. O. Box 659
90 East Union Street, Second Floor
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION
DISCHARGE MONITORING REPORT
NPDES PERMIT NO PA. 0047325
CCN 741326 FILE 012-4
PLE-6340

Dear Mr. Koval:

Please find the October 1984 NPDES Discharge Monitoring Report for Permit No. PA 0047325. There were two noncompliances for October and they were as follows.

1. One total iron sample collected on October 8 had a concentration of 7.10 mg/liter. the river influent iron on October 7 was 2.41 mg/l, which concentrates to 7.10 at 2.9 cycles of concentration. The concentrating effect of the cooling towers is believed to be the cause of this high total iron concentration in Outfall 041.
2. The discharge of 20 mg/l from a single sump (042) exceeded the daily average oil and grease limit (15 mg/l) on October 27, 1984. Since there was only one discharge, the average could not be reduced. The daily maximum concentration (20 mg/l) was not exceeded.

In addition, the cooling tower blowdown flow was estimated at 10.08 MGD for the month.

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

Respectfully yours,



Jerome S. Fields
Senior Environmental Scientist-Nuclear

JSF/dml

jsfltk002179o

cc: EPA, Region III
A. Schwencer NRC

IE25
1/1