

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8906270438      DOC. DATE: 89/05/31      NOTARIZED: NO      DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva      05000387  
          50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva      05000388  
 AUTH. NAME      AUTHOR AFFILIATION  
 KEISER, H.W.      Pennsylvania Power & Light Co.  
 FIELDS, J.S.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: "NPDES Discharge Monitoring Rept for May 1989." W/890620  
ltr.

DISTRIBUTION CODE: IE25D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 13  
 TITLE: Environmental Monitoring Rept (per Tech Specs)

NOTES: LPDR 1 cy Transcripts.      05000387  
          LPDR 1 cy Transcripts.      05000388

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	IRM TECH ADV	1		1	NRR ROTHMAN, R	1		1
	NRR/DEST/ADE 8H	1		1	NRR/DREP/RPB 10	2		2
	NUDOCS-ABSTRACT	1		1	<del>REG-FILE</del> 01	1		1
	RGN1 DRSS/RPB	2		2	RGN1 FILE 02	1		1
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NOTES:		2		2				

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THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY  
5708 SOUTH CAMPUS DRIVE  
CHICAGO, ILLINOIS 60637



Pennsylvania Power & Light Company

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

June 20, 1989

Mr. Ronald Brezinski  
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 - MAY 1989  
NPDES PERMIT NO. PA 0047325  
CCN 741326 FILE R9-8A  
PLE- 11581

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Dear Mr. Brezinski:

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 May 1989.

There was one noncompliance in May for the Neutralization Basin, Outfall 371. The monthly average total suspended solids limit of 30 mg/l was exceeded (31.2 mg/l). Overflow from the Gravity Filter Backwash Receiving Tank discharged to this basin. Steps are being taken to correct this noncompliance.

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

Respectfully yours,

Jerome S. Fields  
Senior Environmental Scientist-Nuclear

jsf/ltk11781(26)

Enclosure

cc: EPA Region III

~~NRC Document Control Desk~~

NRC Region I

Mr. F. I. Young, NRC Sr. Resident Inspector

Mr. M. C. Thadani, NRC Project Manager

8906270438 890531  
PDR ADOCK 05000387  
R PDC

1525  
11

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

070 A  
 DISCHARGE NUMBER

Form Approved OMB No. 2040-0064  
 Approval expires 6-30-88  
 F - FINAL  
 SEDIMENTATION POND OVERFLOW

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01		89	05	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)	X	(3 Card Only) QUANTITY OR LOADING (54-61)			(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			
PH		*****	*****			*****				
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	6.0	*****	9.0		DAILY	GRAB
	PERMIT REQUIREMENT	*****	*****	****	MINIMUM		MAXIMUM	SU		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****					
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30	100		ONCE/MONTH	GRAB
	SAMPLE MEASUREMENT	*****	*****			30DA AVG	DAILY MX	MG/L		
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****					
FREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	****	*****	15	20		ONCE/MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	30DA AVG	DAILY MX	MG/L		
	PERMIT REQUIREMENT	*****	*****	****	*****				DAILY	MPLOG
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	<i>No discharge to</i>			*****	*****	*****	****		
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		
	SAMPLE MEASUREMENT	30DA AVG	DAILY MX	MGD						
	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.)

*[Signature]*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 717 542-3693 DATE 89 6 14  
 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 CONDITIONS.



• • • • •

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

071 A  
 DISCHARGE NUMBER

F - FINAL  
 COOLING TOWER BLOWDOWN

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01		89	05	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			
PH	SAMPLE MEASUREMENT	*****	*****		7.20	*****	8.20		0	Daily	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0	SU		DAILY	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	734.30	1126.09		*****	5.12	7.72		*	1/4 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	*****	*****		*****	*****	0.35		*	1/4 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	*****	*****		*****	*****	0.51		0	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	15.96	18.69		*****	*****	*****		*	Daily	Recorder
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	RCDR
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.05		0	Daily	Grab
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  
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 DATE  
 717 542-3893 89 6 14  
 AREA CODE NUMBER YEAR MO DAY

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

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

NAME PENNSYLVANIA P & I - 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

072 A  
 DISCHARGE NUMBER

F - FINAL  
 SERV AND ADMIN BUILDING SUMP.  
 Form Approved OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01		89	05	31

FROM (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

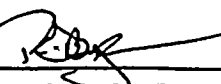
MAJOR (SUBR 02)  
 NOTE: Read instructions before completing this form.

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

PARAMETER (32-37)	X	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (46-53)			
PH		*****	*****		7.25	*****	7.45		Daily	GENS
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.0	*****	9.0		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	4.17	6.53		6/MONTH	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	30	100		ONCE/MONTH	GRAB
OIL AND GREASE		*****	*****		*****	30DA AVG	DAILY MX	MG/L		
FREON EXTR-GRAV METH		*****	*****		*****	1.30	3.30		6/MONTH	GENS
00556 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	15	20		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		*****	*****	****	*****	30DA AVG	DAILY MX	MG/L		
50050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT	MGD	*****	*****	*****	****	DAILY	ESTIMA
		30DA AVG	DAILY MX							

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: 717 542-3693  
 DATE: 89 6 14

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 - SUSQUHANNA  
 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

G73 A  
 DISCHARGE NUMBER

F - FINAL  
 #1 TURBINE BUILDING OUTER SUMP  
 Form Approved OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	05	01		89	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 02)  
 NOTE: Read instructions before completing this form.

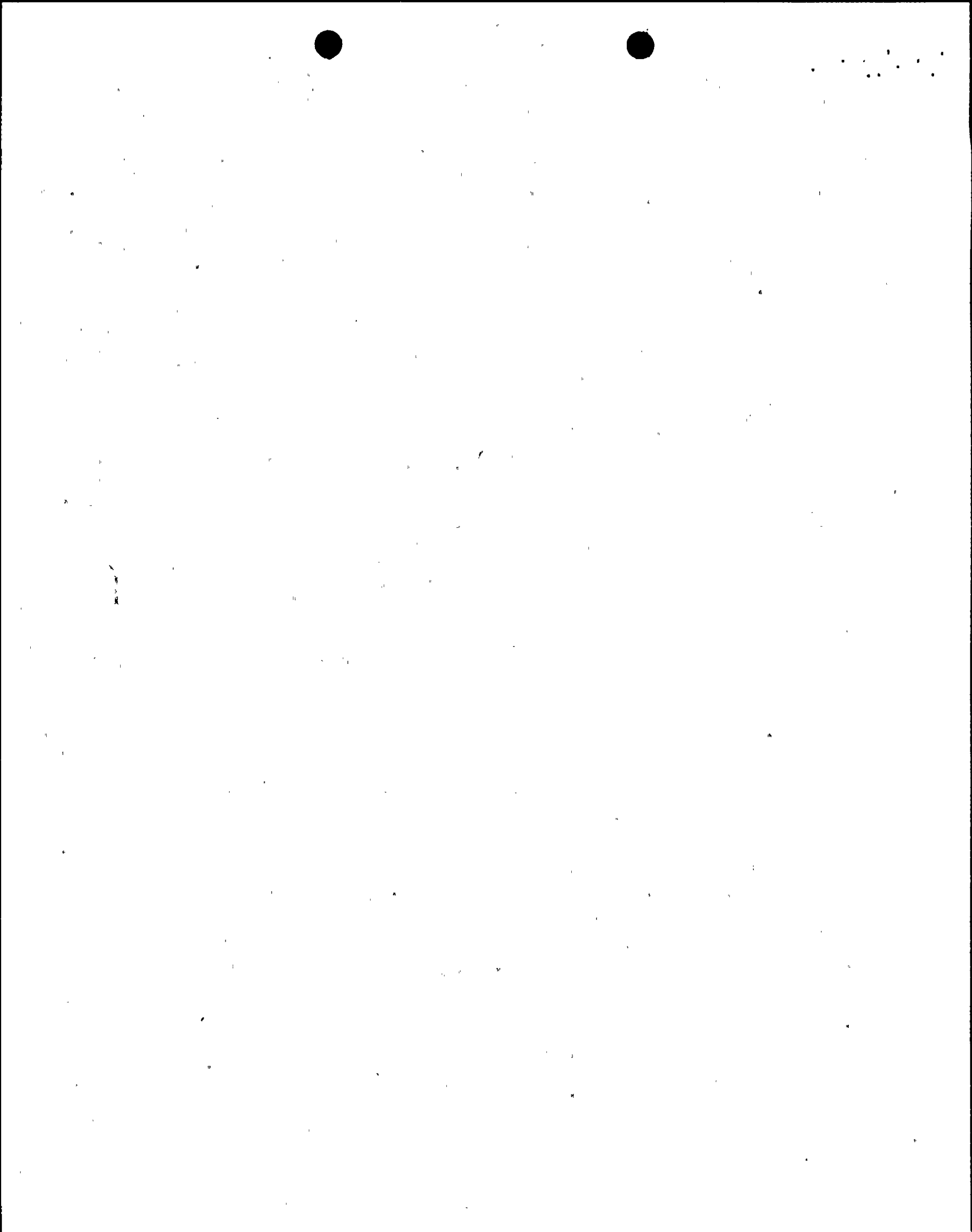
ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (54-61)	AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)			
PH	SAMPLE MEASUREMENT	*****	*****		7.80	*****	7.80		0	Daily	GRAB
CO400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	2.90	2.90		0	1/MONTH	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30	100	MG/L		ONCE/MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****	2.10	2.10		0	1/MONTH	GRAB
FREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	****	*****	15	20	MG/L		ONCE/MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.0087	0.0087		*****	*****	*****		*	Daily	Estim.
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	REPORT	REPORT	****	*****	*****	*****	****		DAILY	ESTIMA
50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	30DA AVG	DAILY MX	MGD							
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>H.W. Kaiser, Jr. Vice Pres.</u> <u>Nuclear Operations</u>	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 <u>717 542-3893</u>	DATE <u>89 6 14</u>	
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO

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 & I - SUSQUEHNA  
 ADDRESS TWO NORTH NINTH STREET  
ALLENTOWN PA 18101

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

PAG047325  
 PERMIT NUMBER

074 A  
 DISCHARGE NUMBER

Form Approved OMB No. 2040-0004  
 Approval expires 6-30-88  
 F - FINAL #2 TURBINE BUILDING OUTER SUMP

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01		89	05	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(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 (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH		*****	*****		7.85	*****	7.85		Daily	Grab
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	6.0	*****	9.0		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	1.90	1.90		1/MONTH	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	30	100		ONCE/MONTH	GRAB
OIL AND GREASE		*****	*****		*****	30DA AVG	DAILY MX	MG/L		
FREON EXTR-GRAV METH		*****	*****	***	*****	15	20		ONCE/MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	30DA AVG	DAILY MX	MG/L		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.0087	0.0087		*****	*****	*****		Daily	Estim.
50050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT	***	*****	*****	*****	***	DAILY	ESTIMA
		30DA AVG	DAILY MX	HGD				****		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>A.W. Kaiser, Sr. Vice Pres.</u> <u>Nuclear Operations</u>	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	DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	717 542-3693	89	6

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)

PA0047325  
 PERMIT NUMBER

076 A  
 DISCHARGE NUMBER

F - FINAL  
 ACID AND CL BUILDING SUMP

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	05	01		89	05	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	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			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 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	HG/L		ONCE/ GRAB MONTH
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****		*****					
FREON EXTR-GRAV METH	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	HG/L		ONCE/ GRAB MONTH
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<i>No Discharge</i>			*****	*****	*****			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		DAILY ESTIMA
50050 1 0 0 EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		
	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

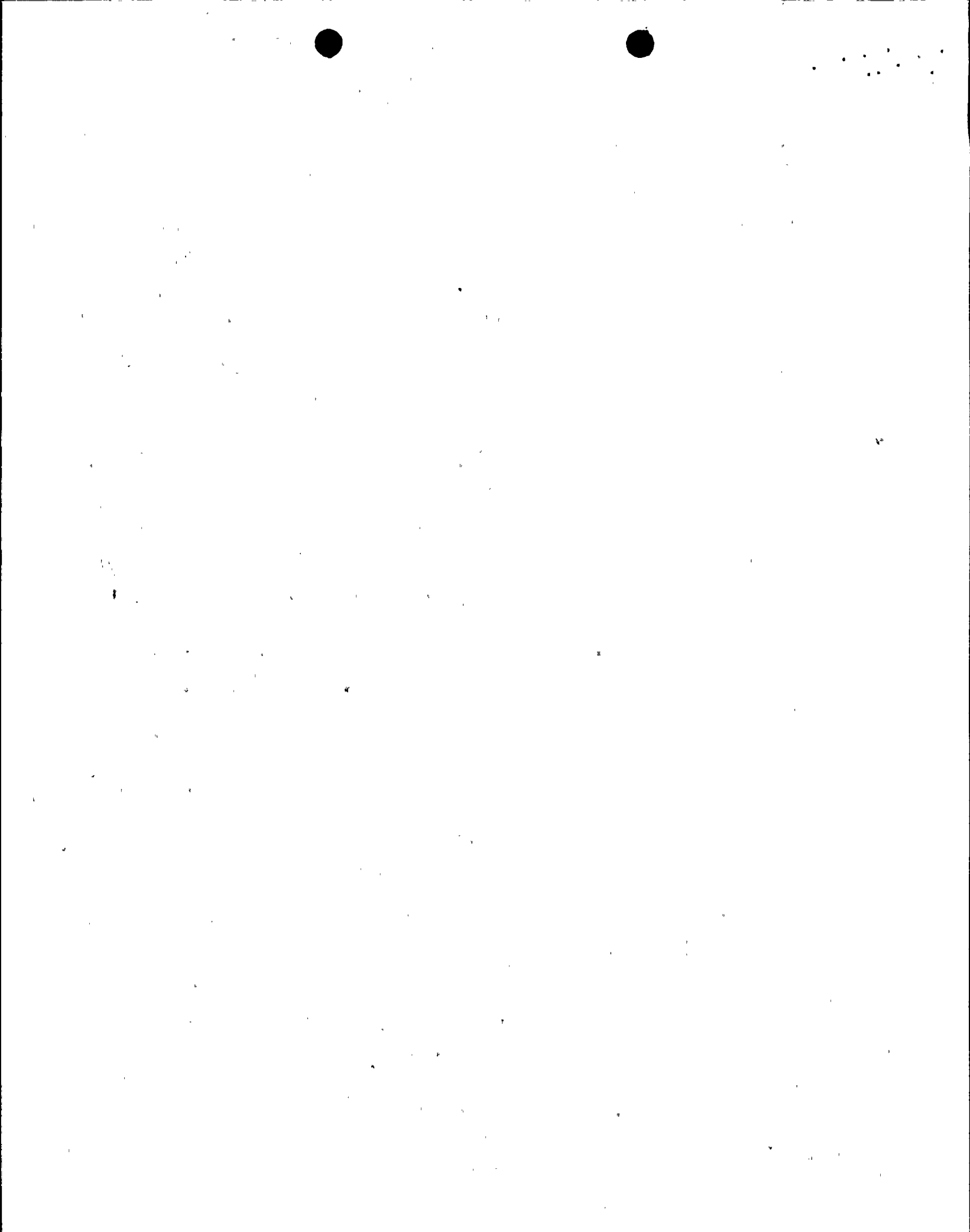
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT 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]*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
717 542-3693  
 AREA CODE NUMBER  
 DATE  
89 6 14  
 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)

PAC047325  
 PERMIT NUMBER

079 A  
 DISCHARGE NUMBER

F - FINAL  
 SEWAGE TREATMENT EFFLUENT  
 Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	05	01		89	05	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	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (46-53)			
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.66	*****		*****	2.5	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	*****	*****		7.05	*****	7.70		0 Daily	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.64	*****		*****	7.0	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	0.059	0.089		*****	*****	*****		* Daily	Recorder
	PERMIT REQUIREMENT	0.08 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	DAILY	MPLOG
CHLORINE, FREE AVAILABLE 50064 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.24	0.60		* 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	GRAB
	PERMIT REQUIREMENT	*****	*****	****	85 MONTH MN	*****	*****	PER-CENT	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 3	*****		* 1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	200 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  
717 542-3693  
 DATE  
89 6 14

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.  
 EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.) PAGE 1 OF 1

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

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

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

PAG047325  
 PERMIT NUMBER

079 A  
 DISCHARGE NUMBER

F - FINAL  
 SEWAGE TREATMENT EFFLUENT

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	05	01		89	05	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)	X	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (46-53)			
BOD, 5-DAY PERCENT REMOVAL 01010 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		98.8	*****	*****		0	1/Month Comp-8
	PERMIT REQUIREMENT	*****	*****	***	85	*****	*****	PER-CENT		ONCE/MONTH COMP-8
SOLIDS, SUSPENDED PERCENT REMOVAL 01011 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		98.4	*****	*****		0	1/Month Comp-8
	PERMIT REQUIREMENT	*****	*****	***	85	*****	*****	PER-CENT		ONCE/MONTH COMP-8
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.W. Kerser, 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  
717 542-3693  
 AREA CODE NUMBER  
 DATE  
89 6 14  
 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)

PA0047325  
 PERMIT NUMBER

271 A  
 DISCHARGE NUMBER

F - FINAL  
 WASTE FILTER BYPASS

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	89	05	01		89	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

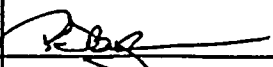
MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

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

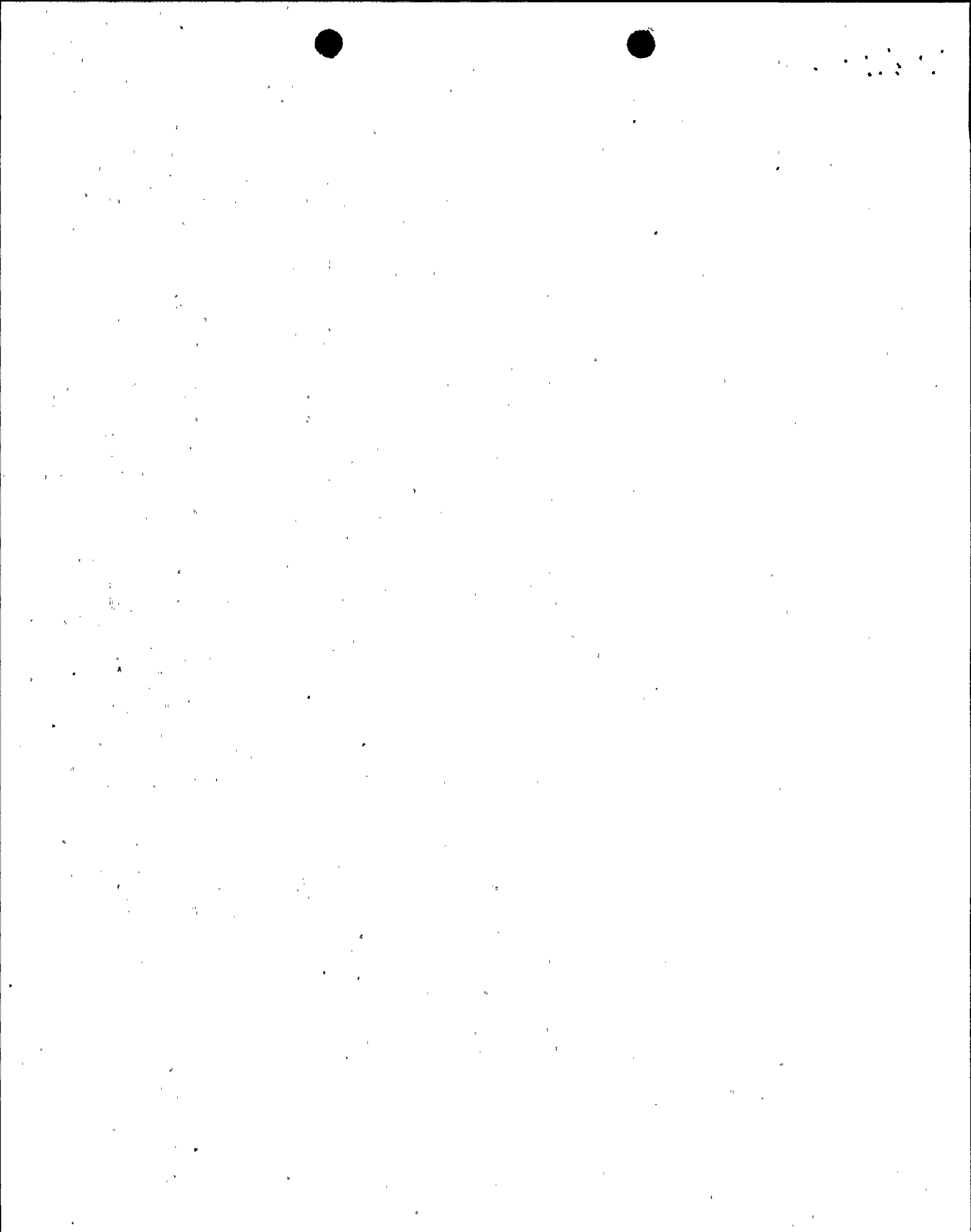
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


TELEPHONE: 717 542-3693  
 DATE: 89 6 14  
 AREA CODE NUMBER 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 OTH





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

171 A  
 DISCHARGE NUMBER

F - FINAL  
 RADWASTE TREATMENT EFFLUENT  
 Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01		89	05	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)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	0.10	0.30	0	1/MONTH	GRAB
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	30	100		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX	MG/L		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.010	0.022		*****	*****	*****	*	Daily	Estim.
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****	DAILY	ESTIMA
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	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>	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		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <u>[Signature]</u>	AREA CODE <u>717</u>	NUMBER <u>542-3693</u>	YEAR <u>89</u>	MO <u>6</u>
TYPED OR PRINTED						

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 - 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

371 A  
 DISCHARGE NUMBER

Form Approved OMB No. 2040-0004  
 Approval expires 6-30-88  
 F - FINAL  
 NEUTRALIZATION BASIN DISCHARGE

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01		89	05	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

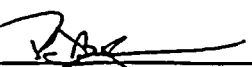
MAJOR (SUBR 02)  
 NOTE: Read instructions before completing this form.

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(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 (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (46-47)	AVERAGE (48-49)	MAXIMUM (50-51)			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	31.2	65.8		0	1/Month GRAB
	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	*****	*****		*****	9.65	19.30		0	2/Month GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	15 30DA AVG	20 DAILY MX	MG/L		ONCE/MONTH GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT S0050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.013	0.019		*****	*****	*****		*	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									

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 3 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
  
 TELEPHONE NUMBER: 717 542-3693  
 DATE: 89 6 14

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 OTH



100-100000

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)

2A0047325  
 PERMIT NUMBER

471 A  
 DISCHARGE NUMBER

F - FINAL  
 WASTE FILTER EFFLUENT

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-88

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

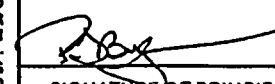
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
89	05	01	TO	89	05	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 02)

NOTE: Read instructions before completing this form.

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****								
	PERMIT REQUIREMENT	*****	*****	****	*****	30	100					ONCE/MONTH	GRAB
						30DA AVG	DAILY MX	MG/L					
OIL AND GREASE FREON EXTR-GRAV METH C0556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****								
	PERMIT REQUIREMENT	*****	*****	****	*****	15	20					ONCE/MONTH	GRAB
						30DA AVG	DAILY MX	MG/L					
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<i>No Discharge</i>			*****	*****	*****						
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****				DAILY	EMPLOG
		30DA AVG	DAILY MX	MGD				****					
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
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	PERMIT REQUIREMENT												

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>H.W. Keiser, Sr. Vice Pres.</u> <u>Nuclear Operations</u>	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 <u>717 542-3693</u>	DATE <u>89 6 14</u>		
TYPED OR PRINTED		AREA CODE	NUMBER	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 OTH

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