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 PDR ADDCK 05000387
 PDR

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

NAME- PENNA. POWER & LIGHT COMPANY
 ADDRESS- TWO NORTH NINTH ST.
 ALLENTOWN, PA 18101
 ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
 TELEPHONE #215-770-7889
 FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-070

DESCRIPTION:

S-2 SEDIMENTATION POND

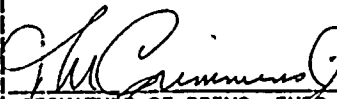
MONITORING PERIOD- FROM 85/08/01 TO 85/08/31
 YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*	*		*****	*****	*****	*****	*	*	*
50050 1 Note 2 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	1/DAY	PUMP RT. OR WEIR
PH Note 2	SAMPLE MEASUREMENT	*****	*****	*****	*	*****	*		*	*	*
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	1.7	1.7		0	1/month	grab
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MAX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.0	0.0		0	1/month	grab
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MAX	MG/L	—	1/MONTH	GRAB

Note 2: There were no discharge into S-2 pond during August.

NOTE 1: FLOW AND PH MEASURED ONCE PER DAY WHEN DISCHARGED TO.
 WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MON	DAY

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- TWO NORTH NINTH ST.
ALLENTOON, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-MUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-071

MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY


DESCRIPTION:

COOLING TOWER BLOWDOWN

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	10.08	10.08		*****	*****	*****	*****	*	estimated	
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	1/DAY	RECORDER
PH	SAMPLE MEASUREMENT	*****	*****	*****	8.15	*****	8.65		0	1/day	grab
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.06	0.11		*	1/day	grab
50064 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.20 AVERAGE	0.50 INST MAX	MG/L	—	1/DAY	GRAB
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*	*		0	1/year	8 hr. comp.
01034 1 Note 2 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.20 DAILY MAX	MG/L	—	1/YEAR	8 HR COMP.
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	493.9	639.2		*****	5.87	7.60		*	1/week	8 hr. comp.
01045 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	817.0 AV MONTH	*****	LB/DAY	*****	6.8 AV MONTH	*****	MG/L	—	1/WEEK	8 HR COMP.
IRON, DISSOLVED (AS FE)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.07	0.12		*	1/week	8 hr. comp.
01046 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	7.0 INST MAX	MG/L	—	1/WEEK	8 HR COMP.

NOTE 1: CHLORINE AVERAGE = MAXIMUM MONTHLY 2-HOUR AVERAGE.
CHLORINE MONITORED ONLY DURING CHLORINATION.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			15	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MON	DAY

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- TWO NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-071

DESCRIPTION:

COOLING TOWER BLOWDOWN

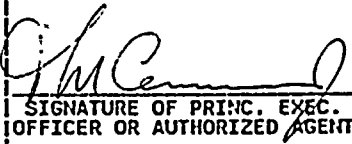
MONITORING PERIOD- FROM 85/ 8/01 TO 85/ 8/31
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.25	0.53		0	1/week	8 hr. comp.
01092 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 DAILY MX	MG/L	—	1/HEEK	8 HR COMP.

Note 2: Total chromium was determined in February 1985.

NOTE 1: CHLORINE AVERAGE = MAXIMUM MONTHLY 2-HOUR AVERAGE.
CHLORINE MONITORED ONLY DURING CHLORINATION.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26

COMMENT AND EXPLANATION OF ANY VIOLATIONS(REFERENCE ALL ATTACHMENTS HERE)



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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- TWO NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NJC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-072

MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

DESCRIPTION:

SERVICE & ADMINISTRATION
BIDG SUMP

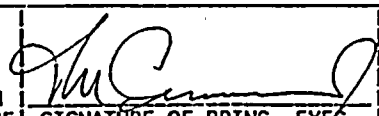
F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	10,500	10,500	***** Gal.	*****	*****	*****	*****	*	1/Day	Measured
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	—	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****	8.0	*****	8.0		0	1/Day	GRAB
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	20.8	20.8		0	1/Month	GRAB
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****	16.0	16.0		0	1/Month	GRAB
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/MONTH	GRAB

This discharge was made on August 1. The DMR for July reported this as discharged on July 31, and reported that oil and grease exceeded the permit limit. However, this batch was recirculated through the oil separator and the concentration was reduced to 16mg/l, below the daily maximum limit. A revised DMR for this outfall for July is included with this report.

NOTE 1: FLOW AND PH MEASURED WHEN DISCHARGED.

WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MON	DAY



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

NAME- PENNIA. POWER & LIGHT COMPANY
ADDRESS- 710 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-MUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-073

MONITORING PERIOD- FROM 85/ 8/01 TO 85/8/31
YR MO DY YR MO DY


DESCRIPTION:

UNIT 1 TURBINE BLDG
OUTER AREA SUMP
F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0	*****	*****	*****	*****	*****	*		
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	—	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/MONTH	GRAB

There were no discharges from this outfall during August.

NOTE 1: FLOW AND PH MEASURED WHEN DISCHARGED.
WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MON	DAY

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- TWO NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-MUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-074

DESCRIPTION:

UNIT 2 TURBINE BLDG
OUTER AREA SUMP

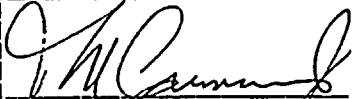
MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0	*****	*****	*****	*****	*****	*		
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	—	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/MONTH	GRAB

There were no discharges from this outfall during August.

NOTE 1: FLOW AND PH MEASURED WHEN DISCHARGED.
WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			PS-926	YEAR	MON
COMMENT AND EXPLANATION OF ANY VIOLATIONS(REFERENCE ALL ATTACHMENTS HERE)					

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 110 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-076

DESCRIPTION:

ACID & CHLORINE
BLDG SUMP

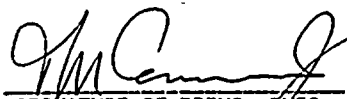
MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0	*****	*****	*****	*****	*****	*		
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	—	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/MONTH	GRAB

There were no discharges from this outfall during August.

NOTE 1: FLOW AND PH MEASURED WHEN DISCHARGED.
HE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MON	DAY

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 110 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-077


DESCRIPTION:

UNIT 1 CONDENSATE
STORAGE TANK AREA
F - FINAL LIMITS

MONITORING PERIOD- FROM 85/ 8/01 TO 85/ 8/31
YR MO DY YR MO DY

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0		*****	*****	*****	*****	*		
5050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	SEE PERMIT	SEE PERMIT

There were no discharges from this outfall during August.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	20
COMMENT AND EXPLANATION OF ANY VIOLATIONS(REFERENCE ALL ATTACHMENTS HERE)					

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- TWO NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-078

MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

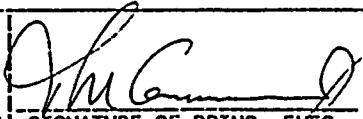
DESCRIPTION:

UNIT 2 CONDENSATE
STORAGE TANK AREA

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0		*****	*****	*****	*****	*		
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	SEE PERMIT	SEE PERMIT

There were no discharges from this outfall during August.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26

COMMENT AND EXPLANATION OF ANY VIOLATIONS(REFERENCE ALL ATTACHMENTS HERE)

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- TWO NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-079


MONITORING PERIOD- FROM 85/8 /01 TO 85/ 8 /31
YR MO DY YR MO DY

DESCRIPTION:

SEWAGE TREATMENT PLANT

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.016	0.026		*****	*****	*****	*****	*	1/day	weir
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.080 AV MONTH	*****	MGD	*****	*****	*****	*****	—	1/DAY	PUMP RT. OR WEIR
PH	SAMPLE MEASUREMENT	*****	*****	*****	5.35	*****	7.27		6	1/day	grab
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	2.44	3.84		*****	20.0	27.0		*	3/month	8 hr. comp.
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	20.0 AV MONTH	*****	LB/DAY	*****	30.0 AV MONTH	60.0 INST MAX	MG/L	—	1/MONTH	8 HR COMP.
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.76	0.85		*****	<6.0	<6.0		*	3/month	8 hr. comp.
00310 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	20.0 AV MONTH	*****	LB/DAY	*****	30.0 AV MONTH	60.0 INST MAX	MG/L	—	1/MONTH	8 HR COMP.
SOLIDS, TOTAL SUSPENDED REMOVED	SAMPLE MEASUREMENT	91	*****		*****	*****	*****	*****	*	3/month	8 hr. comp.
81011 K PERCENT REMOVAL	PERMIT REQUIREMENT	85. MINIMUM	*****	%	*****	*****	*****	*****	—	1/MONTH	8 HR COMP.
BOD, 5-DAY PERCENT REMOVED	SAMPLE MEASUREMENT	98	*****		*****	*****	*****	*****	*	3/month	8 hr. comp.
81010 K PERCENT REMOVAL	PERMIT REQUIREMENT	85. MINIMUM	*****	%	*****	*****	*****	*****	—	1/MONTH	8 HR COMP.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS(REFERENCE ALL ATTACHMENTS HERE)		YEAR MONTH DAY			

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 170 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-079

DESCRIPTION:

SEWAGE TREATMENT PLANT

MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

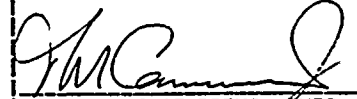
F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	*****	*****	*****	0.2	1.9	12.1		0	1/day	grab
50064 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	—	1/DAY	GRAB
COLIFORM, FECAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	<2	2		0	4/month	grab
74055 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	2000 AV MONTH	*****	#/100ML	—	1/MONTH	GRAB

Low pH Values were recorded on the following days during August:

Date	Value
8-10	5.95
8-19	5.65
8-20	5.84
8-25	5.35
8-26	5.80
8-28	5.95

These low pH values are due to operating the plant in the extended aeration mode of the activated sludge system. The low pH values are a result of acid formation due to long residence times in the aeration tanks. The problem is being corrected by manual addition of sodium carbonate. An automatic addition system for sodium carbonate solution has been ordered.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
			YEAR	MON	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 740 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-171

DESCRIPTION:

RADWASTE TREATMENT


MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0014	0.0015		*****	*****	*****	*****	*	1/day	measured
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	1/DAY	ESTIMATE
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.00	0.00		0	1/month	grab
00530 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****	*	*		0	1/year	grab
00556 P Note 2 SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/YEAR	GRAB

Note 2: Oil and Grease were determined in February 1985.

NOTE 1: LOCATION P=AT DISCHARGE FROM RADWASTE TREATMENT PRIOR TO COMBINING WITH THE CIRCULATING WATER SYSTEM.
HE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)		YEAR MON DAY			



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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 170 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-MUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-271

DESCRIPTION:
WASTE FILTER BYPASS
F - FINAL LIMITS

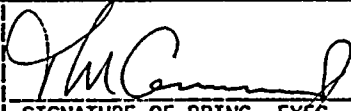
MONITORING PERIOD- FROM 85/8/01 TO 85/8/31
YR MO DY YR MO DY

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.002	0.002		*****	*****	*****	*****	*	1/day	estimated
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	1/DAY	PUMP RT. OR WEIR
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	1684	1684		1	1/month	grab
00530 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FRECN EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.0	0.0		0	1/month	grab
00556 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/MONTH	GRAB

Note 2: Pump timers have not yet been installed. Flows are estimated.

Note 3: Total suspended solids limit was exceeded. Work continues for finding a possible replacement for the existing waste filter..

NOTE 1: LOCATION P=AT DISCHARGE FROM WASTE FILTER BYPASS PRIOR TO COMBINING WITH THE CIRCULATING WATER SYSTEM. WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)					

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 2ND NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-371

DESCRIPTION:

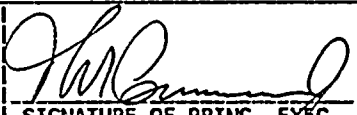
NEUTRALIZATION BASIN

MONITORING PERIOD- FROM 85/8 /01 TO 85/8 /31
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.022	0.036		*****	*****	*****	*****	*	1/day	measured
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	---	1/DAY	ESTIMATE
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.4	2.4		0	1/month	grab
00530 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	---	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.0	0.0		0	1/month	grab
00556 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	---	1/MONTH	GRAB

NOTE 1: LOCATION P=AT DISCHARGE FROM NEUTRALIZATION BASIN PRIOR TO COMBINING WITH THE CIRCULATING WATER SYSTEM.
WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER: H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	28
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MON	DAY

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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 110 NORTH NINTH ST.

PERMIT NUMBER-PA0047325

DISCHARGE NUMBER-471

DESCRIPTION:

WASTE FILTER EFFLUENT

ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.


MONITORING PERIOD- FROM 85/8 /01 TO 85/8 /31
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCUR	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0		*****	*****	*****	*****	*		
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	—	1/DAY	PUMP RT. OR WEIR
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00530 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00556 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	—	1/MONTH	GRAB

There were no discharges from this outfall during August.

NOTE 1: LOCATION P=AT DISCHARGE FROM WASTE FILTER PRIOR TO COMBINING WITH THE CIRCULATING WATER SYSTEM.
WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H. W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26

COMMENT AND EXPLANATION OF ANY VIOLATIONS(REFERENCE ALL ATTACHMENTS HERE)

REVISED JULY DISCHARGE MONITORING REPORT

DISCHARGE 072



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

NAME- PENNA. POWER & LIGHT COMPANY
ADDRESS- 710 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-072

DESCRIPTION:

SERVICE & ADMINISTRATION
B/DG SUMP

MONITORING PERIOD- FROM 85/7/01 TO 85/7/31
YR MO DY YR MO DY

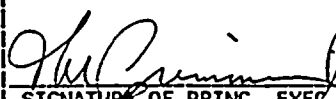
F - FINAL LIMITS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. OF EXCURSIONS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0	*****	*****	*****	*****	*****	*		
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	—	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	STD. UNITS	—	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00530 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30.0 AV MONTH	100.0 DAILY MAX	MG/L	—	1/MONTH	GRAB
OIL AND GREASE, FREON EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MAX	MG/L	—	1/MONTH	GRAB

There were no discharges from this outfall during July.

NOTE: This is a revised DMR for July, 1985. The discharge reported as July 31 on the original DMR was actually released on August 1.

NOTE 1: FLOW AND PH MEASURED WHEN DISCHARGED.
WE ALSO HAVE EPA APPROVAL TO USE MODIFIED PARTITION-IR METHOD FOR OIL AND GREASE ANALYSIS.

NAME/TITLE PR. EXEC. OFFICER H.W. Keiser VICE PRESIDENT- NUCLEAR OPERATIONS	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 RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO., INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	DATE		
			85	9	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)			YEAR	MONTH	DAY