

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:

C-2 SEDIMENTATION POND

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
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	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	*****	*****	*****	*****					0/ month	GRAB
00530 1 NOTE 3 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	*****	*****	*****	*****	13.2	13.2		0	1/ MONTH	GRAB
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	---	1/MONTH	GRAB

NOTE 2: THERE WERE NO DISCHARGES TO THIS POND DURING FEBRUARY.

NOTE 3: NO SAMPLES WERE ANALYZED FOR TOTAL SUSPENDED SOLIDS DURING FEBRUARY. THIS OVERSIGHT WILL BE PREVENTED IN THE FUTURE WITH THE CHECK-OFF LIST VERIFICATION REQUIRED TO BE PERFORMED BY CHEMISTRY MANAGEMENT DURING THE THIRD WEEK OF EACH MONTH.

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	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.	DATE
H. W. KEISER VICE PRESIDENT- NUCLEAR OPERATIONS	<i>H. W. Keiser</i> SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	86 03 26 YEAR MONTH DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)		

8604030481 860327
PDR ADDCK 05000387
R PDR

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

NAME - PENNA. POWER & LIGHT COMPANY
ADDRESS - 130 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 86 02 01 TO 86 02 28
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	MINIMUM	AVERAGE			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	10.0	10.3			*	1/DAY	ESTI-MATED
50050 EFFLUENT GROSS VALUE						1/DAY	RECORDER
PH			7.47		0	1/DAY	GRAB
00400 EFFLUENT GROSS VALUE			6.0	9.0		1/DAY	GRAB
CHLORINE, FREE AVAILABLE				0.068	0	1/DAY	GRAB
50064 EFFLUENT GROSS VALUE				0.20		1/DAY	GRAB
CHROMIUM, TOTAL (AS CR)				0.08	0	1/YEAR	8 HR. COMP.
01024 EFFLUENT GROSS VALUE				0.20		1/YEAR	8 HR. COMP.
IRON, TOTAL (AS FE)	269.5	430.0		3.23	*	1/WEEK	8 HR. COMP.
01045 EFFLUENT GROSS VALUE	817.0			6.8		1/WEEK	8 HR. COMP.
IRON, DISSOLVED (AS FE)				2.06	*	1/WEEK	8 HR. COMP.
01046 EFFLUENT GROSS VALUE				7.0		1/WEEK	8 HR. COMP.

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

NAME/TITLE PR. EXEC. 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 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.	DATE
H. W. KEISER VICE PRESIDENT - NUCLEAR OPERATIONS	<i>H. W. Keiser</i> SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	86 03 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- 140 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

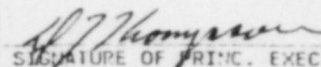
MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
YR MO DY YR MO DY

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	*****	*****	*****	*****	0.066	0.105		0	1/WEEK	8 HR. COMP.
01092 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 DAILY MX	MG/L	---	1/WEEK	8 HR COMP.

NOTE 2: TOTAL CHROMIUM WAS MEASURED IN JANUARY 1986.

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		
			86	03	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- 1100 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

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
YR MO DY YR MO DY

DESCRIPTION:

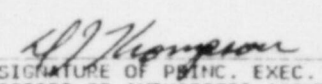
SERVICE & ADMINISTRATION
B'JG SUMP

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 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 FEBRUARY.

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		
			86	03	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)					

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

NAME- PENNIA. 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-073

DESCRIPTION:

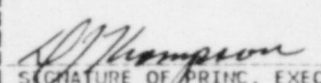
UNIT 1 TURBINE BLDG
OUTER AREA SUMP

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
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	8700	8700	***** GAL.	*****	*****	*****	*****	*	1/DAY	MEASURED
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	---	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.69	*****	7.69	---	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	*****	*****	*****	*****	8.0	8.0	---	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	*****	*****	*****	*****	2.23	2.23	---	0	1/MONTH	GRAB
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	---	1/MONTH	GRAB

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 INFORMATION SUBMITTED 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		
			86	03	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- 170 NORTH NINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NAIC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-074

DESCRIPTION:

UNIT 2 TURBINE BLDG
OUTER AREA SURF

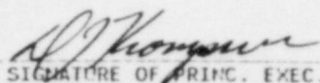
MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
YR MO DY YR MO DY

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	8700	8700	***** GAL	*****	*****	*****	*****	*	1/DAY	ESTI-MATED
50050 1 NOTE 2 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	---	1/DAY	ESTIMATE
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.10	*****	7.64	---	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	*****	*****	*****	*****	2.8	3.0	---	0	2/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	*****	*****	*****	*****	4.8	5.8	---	0	1/MONTH	GRAB
00556 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	15.0 AV MONTH	20.0 DAILY MX	MG/L	---	1/MONTH	GRAB

NOTE 2: THERE WERE TWO DISCHARGES OF 8700 GALLONS EACH DURING FEBRUARY.

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		
			86	03	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- 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 86/02/01 TO 86/02/28
YR MO DY YR MO DY

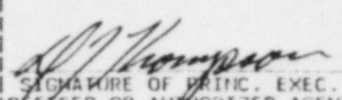
F - FINAL LIMITS

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 FEBRUARY.

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	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.	DATE
H. W. KEISER VICE PRESIDENT- NUCLEAR OPERATIONS		86 03 26
	SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT	YEAR MONTH DAY

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

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

NAME- PENNIA. 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

MONITORING PERIOD- FROM 86/0201 TO 86/0228
YR MO DY YR MO DY

DESCRIPTION:

UNIT 1 CONDENSATE
STORAGE TANK AREA

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		*****	*****	*****	*****	1		
50050 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****		SEE PERMIT	SEE PERMIT

THERE WERE NO DISCHARGES FROM THIS OUTFALL DURING FEBRUARY.

NAME/TITLE PR. EXEC. 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 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.	DATE
H. W. KEISER VICE PRESIDENT- NUCLEAR OPERATIONS		86 03 26 SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)		

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

NAME- PENNIA. 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-078

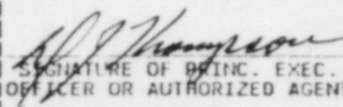
MONITORING PERIOD- FROM 86,02,01 TO 86,02,28
YR MO DY YR MO DY

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 FEBRUARY.

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		
			86	03	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 - 140 NORTH HINTH ST.
ALLENTOWN, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-MJC.
TELEPHONE #215-770-7899
FACILITY-SUSQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-079

DESCRIPTION:
SEWAGE TREATMENT PLANT

MONITORING PERIOD - FROM 86/02/01 TO 86/02/28
YR MO DY YR MO DY

F - FINAL LIMITS

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. OF EXCURSIONS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	MINIMUM	AVERAGE			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	MEASUREMENT	.026	.043	*****	*****	*	1/DAY	WEIR
50050 I EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.080 AV MONTH	*****	*****	*****	---	1/DAY	PUMP RT. OR WEIR
PH	SAMPLE MEASUREMENT	*****	*****	6.40	*****	0	1/DAY	GRAB
00400 I EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	6.0 MINIMUM	9.0 MAXIMUM	---	1/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	2.5	3.2	*****	10.0	*	3/MONTH	8 HR. COMP.
00530 I EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	20.0 AV MONTH	*****	*****	30.0 AV MONTH	---	1/MONTH	8 HR COMP.
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	<1.55	<1.9	*****	<6.0	*	3/MONTH	8 HR. COMP.
00310 I EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	20.0 AV MONTH	*****	*****	30.0 AV MONTH	---	1/MONTH	8 HR COMP.
SOLIDS, TOTAL SUSPENDED REMOVED	SAMPLE MEASUREMENT	94	*****	*****	*****	*	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	>97.5	*****	*****	*****	*	3/MONTH	8 HR. COMP.
00300 K PERCENT REMOVAL	PERMIT REQUIREMENT	85. MINIMUM	*****	*****	*****	---	1/MONTH	8 HR COMP.

NAME/TITLE PR. EXEC. 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 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.

H. W. KEISER
VICE PRESIDENT -
NUCLEAR OPERATIONS

H. W. Keiser
SIGNATURE OF PRINC. EXEC. OFFICER OR AUTHORIZED AGENT

DATE 06 03 86

YEAR MONTH 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- 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

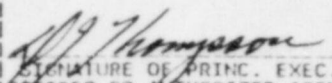
DESCRIPTION:

SEWAGE TREATMENT PLANT

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
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			
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	*****	*****	*****	.05	1.76	10.5	0	1/DAY	GRAB
50064 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	1/DAY	GRAB
COLIFORM, FECAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	<3	<3	0	3/MONTH	GRAB
74055 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	2000 AV MONTH	*****	#/100ML	1/MONTH	GRAB

NAME/TITLE PR. EXEC. 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 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			
H. W. KEISER VICE PRESIDENT- NUCLEAR OPERATIONS			86	3	26	YEAR
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-171

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
YR MO DY YR MO DY

DESCRIPTION:

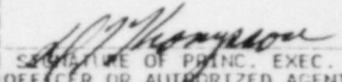
RADWASTE TREATMENT

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	0.055	0.11		*****	*****	*****	*****	*	1/DAY	MEAS-URED
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****	---	1/DAY	ESTIMATE
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.0	0.0		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, FREQ: EXTRACT.-GRAY	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.0	0.0		0	1/YEAR	GRAB
00556 P 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 JANUARY 1986.

NOTE 1: LOCATION P=AT DISCHARGE FROM RADWASTE TREATMENT 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	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	
H. W. KEISER VICE PRESIDENT-NUCLEAR OPERATIONS			86 03 26 YEAR MONTH 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- 110 NORTH NINTH ST.
ALLENTOWN, PA 18101

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-271

DESCRIPTION:

WASTE FILTER BYPASS

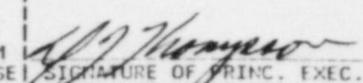
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUSQUEHANNA S.E.S.

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
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	0.018	0.056		*****	*****	*****	*****	*	1/DAY	MEAS-URED
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****		1/DAY	PUMP RT. OR WEIR
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.9	2.9		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, FRECN EXTRACT.-GRAV	SAMPLE MEASUREMENT	*****	*****	*****	*****	7.73	7.73		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 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		
			86	03	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)					

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

NAME- PENNIA. POWER & LIGHT COMPANY
ADDRESS- 110 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-371

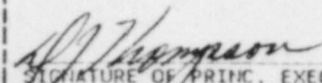
DESCRIPTION:
NEUTRALIZATION BASIN
F - FINAL LIMITS

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0	0		*****	*****	*****	*****	*	
50050 P NOTE 2 SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****		1/DAY ESTIMATE
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, FREQN 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

NOTE 2: THE WASTE FILTER WAS NOT IN SERVICE DURING FEBRUARY.

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		
			86	03	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- 110 NORTH NINTH ST.
ALLENTON, PA 18101
ATTN: J.S. FIELDS, SR. ENV. SCIENTIST-NUC.
TELEPHONE #215-770-7889
FACILITY-SUCQUEHANNA S.E.S.

PERMIT NUMBER-PA0047325 DISCHARGE NUMBER-471

DESCRIPTION:

WASTE FILTER EFFLUENT

MONITORING PERIOD- FROM 86/02/01 TO 86/02/28
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	0.002	0.005		*****	*****	*****	*****	*	1/DAY	ESTI-MATED
50050 P SEE NOTE 1 BELOW	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	*****		1/DAY	PUMP RT. OR WEIR
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	1658	1658		1	1/MONTH	GRAB
00530 P Note 2 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	*****	*****	*****	*****	2.32	2.32		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: AN INTERNAL TASK FORCE HAS RECOMMENDED THAT TESTS OF VARIOUS POSSIBLE OPTIONS TO REDUCE THE SOLIDS IN THIS EFFLUENT BE INITIATED. ONE TEST NOW UNDERWAY INCLUDES THE REROUTING OF THE WASTE SLUDGE TO THE SANITARY SYSTEM FOR TREATMENT AT THE SITE SEWAGE TREATMENT SYSTEM. MR. STANLEY LEHMAN OF THE PA- DER BUREAU OF WATER QUALITY HAS AGREED TO ALLOW THIS TEST FOR A PERIOD UP TO TWO MONTHS TO FULLY EVALUATE THE EFFECTS OF THIS WASTE STREAM ON THE SEWAGE TREATMENT PLANT OPERATION. ALSO, TEMPORARY SAND AND CHARCOAL FILTERS WERE INSTALLED TO TREAT THIS DISCHARGE. BECAUSE OF THE LACK OF TREATMENT CAPACITY, THE FILTERS ONLY WORKED FOR A FEW HOURS AND THEREFORE, THE DISCHARGE WAS DIRECTED TO THE SEWAGE TREATMENT PLANT.

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	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		
			YEAR	MONTH	DAY
H. W. KEISER VICE PRESIDENT- NUCLEAR OPERATIONS		<i>H. W. Keiser</i>	86	03	26
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)					