



Duquesne Light

435 Sixth Avenue
Pittsburgh, Pennsylvania
15219

(412) 456-6000

August 29, 1980

Chief of Operations
Bureau of Water Quality Management
600 Kossman Building
100 Forbes Avenue
Pittsburgh, PA 15222

NPDES Monthly Reports

Gentlemen:

The subject reports for Duquesne Light Company and Allegheny County Steam Heating Company for July, 1980, are submitted for your consideration. A list of the permit numbers follows:

| | |
|------------|--|
| PA 0000493 | Allegheny County Steam Heating Company |
| PA 0001571 | Elrama Power Station |
| PA 0001589 | Shippingport Atomic Power Station |
| PA 0001601 | Reed Power Station |
| PA 0001619 | Phillips Power Station |
| PA 0001627 | Cheswick Power Station |
| PA 0025615 | Beaver Valley Atomic Power Station |
| PA 0031933 | Brunot Island Power Station |

Very truly yours,

G. W. Moore
G. W. Moore
General Superintendent
Power Stations Department

8009030395+

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 158-10072

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

INSTRUCTIONS

1. Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
2. Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
3. Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
4. Specify frequency of analysis for each parameter as No. analyses/No. days. (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT".
5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
7. Remove carbon and retain copy for your records.
8. Fold along dotted lines, staple, and mail Original to office specified in permit.

| | | | | | |
|------------------------|--------------------------|------------|-------------|-----------------------|------------------------|
| PA ST | 0025615 PERMIT NUMBER | 401 DIS | 4911 SIC | 40°37'15" LATITUDE | 80°26'18" LONGITUDE |
| REPORTING PERIOD: FROM | | 30 YEAR | 01 MO | 01 DAY | TO |
| | | 30 YEAR | 01 MO | 31 DAY | |

| PARAMETER | | (3 card only) QUANTITY | | | | UNITS | NO. EX | (4 card only) CONCENTRATION | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|------------------------|------------------|---------------------------|---------|---------|-----|-------|--------|--------------------------------|---------|----------------|-------|--------|-----------------------|-------------|
| | | MINIMUM | AVERAGE | MAXIMUM | | | | MINIMUM | AVERAGE | MAXIMUM | | | | |
| Flow | REPORTED | | | < 0.001 | MGD | | *** | *** | *** | | | 1/30 | estimate | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | 1/30 | estimate | |
| Total Suspended Solids | REPORTED | | | | | | | 4.4 | 4.4 | mg/l | 0 | 1/31 | grab | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 30 | 100 | | | 1/30 | grab | |
| Oil and Grease | REPORTED | | | | | | | 2 | 2 | mg/l | 0 | 1/31 | grab | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 15 | 20 | | | 1/30 | grab | |
| pH | REPORTED | *** | *** | *** | | | 7.49 | | 7.49 | standard units | 0 | 1/31 | grab | |
| | PERMIT CONDITION | *** | *** | *** | | | 6.0 | N/A | 9.0 | | | 1/30 | grab | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |

| | | |
|-------------------------------------|-------------------------------|---------------|
| NAME OF PRINCIPAL EXECUTIVE OFFICER | TITLE OF THE OFFICER | DATE |
| Moore Gilbert | W. Gen. Supt. Pwr. Sta. Dept. | 8/0 0/18 2/18 |
| LAST FIRST MI | TITLE | YEAR MO DAY |

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Leon S. Steel
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMH NO. 151-20073

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

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| | | | | | |
|------------------------|--------------------------|-----------------------------|-------------|----------------------------|------------------------|
| PA ST | 0025615 PERMIT NUMBER | 004 DIS | 4911 SIC | 40°37'15" LATITUDE | 80°26'18" LONGITUDE |
| REPORTING PERIOD: FROM | | 8 10 017 011 YEAR MO DAY | TO | 8 0 017 311 YEAR MO DAY | |

| PARAMETER | | QUANTITY | | | | UNITS | NO. EX | CONCENTRATION | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|------------------|----------|---------|---------|-----|-------|--------|---------------|---------|----------------|--|--------|-----------------------|-------------|
| | | MINIMUM | AVERAGE | MAXIMUM | | | | MINIMUM | AVERAGE | MAXIMUM | | | | |
| Flow | REPORTED | | | | MGD | | *** | *** | *** | | | | | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | 1/30 | estimate | |
| pH | REPORTED | *** | *** | *** | | | | | | | | | | |
| | PERMIT CONDITION | *** | *** | *** | | | N/A | N/A | N/A | standard units | | 1/30 | grab | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| NO FLOW FROM DISCHARGE 004 DURING JULY, 1980 | | | | | | | | | | | | | | |

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|---|--|-------------------------------------|
| NAME OF PRINCIPAL EXECUTIVE OFFICER Moore Gilbert W. | TITLE OF THE OFFICER Gen. Supt. Pwr. Sta. Dept. | DATE 8 10 018 218 YEAR MO DAY |
|---|--|-------------------------------------|

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Leon S. Stead
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 155-R0073

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

INSTRUCTIONS

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5. Specify sample type ("grab" or "composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
7. Remove carbon and retain copy for your records.
8. Fold along dotted lines, staple and mail Original to office specified in permit.

| | | | | | |
|-----------------------|--------------------------|--------------|-------------|-----------------------|------------------------|
| PA ST | 0025615 PERMIT NUMBER | 303 DIS | 4911 SIC | 40°37'15" LATITUDE | 80°26'18" LONGITUDE |
| REPORTING PERIOD FROM | | 8 10 YEAR | 0 17 MO | 0 1 DAY | TO |
| | | 8 10 YEAR | 0 17 MO | 3 1 DAY | |

| PARAMETER | REPORTED | QUANTITY | | | | UNITS | CONCENTRATION | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|------------------------|------------------|----------|---------|---------|-------|-------|---------------|---------|---------|----------|--------|-----------------------|-------------|
| | | MINIMUM | AVERAGE | MAXIMUM | UNITS | | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| Flow | REPORTED | | | 0.064 | | MGD | *** | *** | *** | | | 1/30 | estimate |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | 1/30 | estimate |
| Total Suspended Solids | REPORTED | | | | | | 33 | 33 | 33 | mg/l | 0 | 1/31 | grab |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 30 | 100 | | | 1/30 | grab |
| Oil and Grease | REPORTED | | | | | | 3 | 3 | 3 | mg/l | 0 | 1/31 | grab |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 15 | 20 | | | 1/30 | grab |
| pH | REPORTED | *** | *** | *** | | | 7.44 | | 7.44 | standard | 0 | 1/31 | grab |
| | PERMIT CONDITION | *** | *** | *** | | | 6.0 | N/A | 9.0 | units | | 1/30 | grab |
| | REPORTED | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | |

| | | |
|-------------------------------------|----------------------------|----------------|
| NAME OF PRINCIPAL EXECUTIVE OFFICER | TITLE OF THE OFFICER | DATE |
| Moore Gilbert W. | Gen. Supt. Pwr. Sta. Dept. | 8 10 0 18 2 18 |
| LAST FIRST MI | TITLE | YEAR MO DAY |

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Leon J. Steel
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

INSTRUCTIONS

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- Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns titled "No. Ex." If none, enter "0".
- Specify frequency of analysis for each parameter as No. analyses/No. days. (e.g., "1/1") is equivalent to "once per grab" or "once per composite" as applicable. If frequency was continuous, enter "NA".
- Appropriate signature is required on bottom of this form.
- Remove carbon and retain copy for your records.
- Field along dotted lines, staple and mail Original to office specified in permit.
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0025615 PERMIT NUMBER
 PA 3T
 302 DIS TO 4911 SIC
 810 d7 011 YEAR MO DAY TO 810 07 311 YEAR MO DAY
 40° 37' 15" LATITUDE 80° 26' 18" LONGITUDE
 126-20 128-20 137-20
 120-20 122-20 124-20

| PARAMETER | QUANTITY (18-22) | | | CONCENTRATION (14-17) | | | UNITS | FREQ. OF ANALYSIS | SAMPLE TYPE |
|------------------------|------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|----------|-------------------|-------------|
| | MINIMUM (19-21) | AVERAGE (20-22) | MAXIMUM (23-25) | MINIMUM (15-17) | AVERAGE (16-18) | MAXIMUM (19-21) | | | |
| FLOW | 0.00095 | 0.017 | 0.035 | *** | *** | *** | MGD | 31/31 | measured |
| pH | N/A | N/A | N/A | *** | *** | *** | | 2/30 | measured |
| | *** | *** | *** | 6.40 | N/A | 8.20 | standard | 31/31 | grab |
| Total Suspended Solids | *** | *** | *** | 6.0 | N/A | 9.0 | units | 2/30 | grab |
| | *** | *** | *** | | Monthly | Highest | | | |
| BOD-5 | N/A | N/A | N/A | | Average | Average | | 31/31 | grab |
| | N/A | N/A | N/A | | Weekly | Weekly | | 2/30 | composite |
| Fecal Coliform | N/A | N/A | N/A | | 24.7 | 53.8 | mg/l | 3/31 | grab |
| | N/A | N/A | N/A | | 30 | 45 | | 2/30 | composite |
| | N/A | N/A | N/A | | 9 | 23 | mg/l | 5/31 | grab |
| | N/A | N/A | N/A | | 30 | 45 | | 2/30 | composite |
| | N/A | N/A | N/A | | 38 | 190 | colonies | 5/31 | grab |
| | N/A | N/A | N/A | | 200 | 400 | 100 ml | 2/30 | grab |

NAME OF PRINCIPAL EXECUTIVE OFFICER: Moore Gilbert W.
 TITLE OF THE OFFICER: Gen. Supt. Pwr. Sta. Dept.
 DATE: 8/10/82
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER: [Signature]
 OFFICER OR AUTHORIZED AGENT: Leon S. Steel
 I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 158-R0073

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

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8. Fold along dotted lines, staple and mail Original to office specified in permit.

| | | | | | |
|------------------------|------------------------------------|--|-------------|---|---|
| 12-# PA ST | 14-161 0025615 PERMIT NUMBER | 117-191 301 DIS | 4911 SIC | 120-211 40°37'15" LATITUDE | 120-221 130-231 80°26'18" LONGITUDE |
| REPORTING PERIOD: FROM | | 120-211 122-221 124-231 8 10 01 7 0 11 YEAR MO DAY | TO | 120-211 120-221 130-231 8 10 0 17 3 1 1 YEAR MO DAY | |

| PARAMETER | | (3 card only) QUANTITY | | | | UNITS | NO. EX | (4 card only) CONCENTRATION | | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|------------------------|------------------|------------------------|---------|---------|-------------------|-------|--------|-----------------------------|---------|----------|-------------------|-------|--------|-----------------------|-------------|
| | | 145-52 | | | 104-61 | | | 146-52 | | | 154-61 | | | | |
| | | 135-45 MINIMUM | AVERAGE | MAXIMUM | 104-61 MAXIMUM | | | 146-52 MINIMUM | AVERAGE | MAXIMUM | 154-61 MAXIMUM | | | | |
| Flow | REPORTED | 0.054 | 0.075 | 0.121 | MGD | | *** | *** | *** | | | | 31/31 | measured | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | | 2/30 | measured | |
| Total Suspended Solids | REPORTED | 1.00 | 2.77 | 4.53 | lbs/day | 0 | | | | | | | 2/31 | 24 hr. comp. | |
| | PERMIT CONDITION | N/A | 2.8 | 14.3 | | | N/A | N/A | N/A | | | | 2/30 | 24-hr. composite | |
| pH | REPORTED | *** | *** | *** | | | 6.99 | | 7.40 | standard | 0 | | 2/31 | grab | |
| | PERMIT CONDITION | *** | *** | *** | | | 6.0 | N/A | 9.0 | units | | | 2/30 | grab | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |

| | | | | | | | | |
|-------------------------------------|---------|----|----------------------------|------|----|------|----|---|
| NAME OF PRINCIPAL EXECUTIVE OFFICER | | | TITLE OF THE OFFICER | | | DATE | | |
| Moore | Gilbert | W. | Gen. Supt. Pwr. Sta. Dept. | 8 | 10 | 0 | 18 | 2 |
| LAST | FIRST | MI | TITLE | YEAR | MO | DAY | | |

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Leon S. Steed
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 155-R0073

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

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| | | | | | |
|--|------------------------------------|-----------------------|-------------|---|------------------------|
| 12-B PA ST | 14-101 0025615 PERMIT NUMBER | 117-101 003 DIS | 4911 SIC | 40°37'15" LATITUDE | 80°26'18" LONGITUDE |
| 120-211 122-231 124-251 REPORTING PERIOD: FROM 8 10 01 YEAR MO DAY | | | TO | 126-271 128-291 130-311 8 00 17 311 YEAR MO DAY | |

| PARAMETER | REPORTED PERMIT CONDITION | QUANTITY | | | | CONCENTRATION | | | | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-----------|---------------------------------|---------------|---------|---------|-------|---------------|---------|---------|-------|-----------------------------|----------------|
| | | (3 card only) | | | UNITS | (4 card only) | | | UNITS | | |
| | | MINIMUM | AVERAGE | MAXIMUM | | NO EX | MINIMUM | AVERAGE | | | |
| Flow | REPORTED | 0.119 | 0.156 | 0.220 | MGD | *** | *** | *** | | 31/31 | Calc. |
| | PERMIT CONDITION | N/A | N/A | N/A | | *** | *** | *** | | 1/30 | calculated |
| pH | REPORTED | *** | *** | *** | | 7.11 | | 7.11 | | 1/31 | grab |
| | PERMIT CONDITION | *** | *** | *** | | N/A | N/A | N/A | | 1/30 | grab |
| | REPORTED | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | |
| | REPORTED | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | |
| | REPORTED | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | |
| | REPORTED | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | |

| | | | | | | | | |
|-------------------------------------|---------|----|----------------------------|--|--|---------|-----|-----|
| NAME OF PRINCIPAL EXECUTIVE OFFICER | | | TITLE OF THE OFFICER | | | DATE | | |
| Moore | Gilbert | W. | Gen. Supt. Pwr. Sta. Dept. | | | 8 10 17 | 018 | 218 |
| LAST | FIRST | MI | TITLE | | | YEAR | MO | DAY |

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Leon S. Stood
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 158-R00023

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

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12-28 PA 0025615 PERMIT NUMBER

117-191 201 DIS

122-23 4911 SIC

120-211 810 017 01 Y I MO DAY

126-21 8 10 017 311 YEAR MO DAY

124-21 40° 37' 15" LATITUDE

124-22 80° 26' 18" LONGITUDE

REPORTING PERIOD FROM TO

| PARAMETER | QUANTITY (140-50) | | | CONCENTRATION (140-50) | | | UNITS | NO. EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|-------------------|------------------|------------------|------------------------|------------------|------------------|----------------|---------|-----------------------|-------------|
| | MINIMUM (138-49) | AVERAGE (140-50) | MAXIMUM (144-51) | MINIMUM (140-50) | AVERAGE (140-50) | MAXIMUM (144-51) | | | | |
| Flow | N/A | N/A | N/A | *** | *** | *** | MGD | | 1/30 | estimate |
| Total Suspended Solids | N/A | N/A | N/A | N/A | 30 | 100 | mg/l | | 1/30 | grab |
| Oil and Grease | N/A | N/A | N/A | N/A | 15 | 20 | mg/l | | 1/30 | grab |
| pH | *** | *** | *** | 6.0 | N/A | 9.0 | standard units | | 1/30 | grab |
| NO FLOW FROM DISCHARGE 201 DURING JULY, 1980 | | | | | | | | | | |
| NAME OF PRINCIPAL EXECUTIVE OFFICER: Moore Gilbert W. (LAST FIRST MI) TITLE OF THE OFFICER: Asst. Sup. Env. Sta. Dept. DATE: 8/10/80 (YEAR MO DAY) SIGNATURE: Leon S. Steed TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: | | | | | | | | | | |

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
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OMB No. 158-R0073

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- Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
- Specify frequency of analysis for each parameter as No. analyses/No. days (e.g., "3/7" is equivalent to 3 analyses performed every 7 days). If continuous enter "CONT."
- Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
- Appropriate signature is required on bottom of this form.
- Remove carbon and retain copy for your records.
- Fold along dotted lines, staple and mail Original to office specified in permit.

| | | | | | |
|---|------------------------------------|----------------------------------|-------------|-----------------------|------------------------|
| 12-37 PA ST | 14-101 0025615 PERMIT NUMBER | 117-101 002 DIS | 4911 SIC | 40°37'15" LATITUDE | 80°26'18" LONGITUDE |
| 120-211 122-211 124-211 REPORTING PERIOD: FROM 8 10 01 7 0 11 YEAR MO DAY | | TO 8 10 0 17 3 11 YEAR MO DAY | | | |

| PARAMETER | REPORTED | QUANTITY | | | | UNITS | NO. EX | CONCENTRATION | | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-----------|------------------|----------|---------|---------|--|-------|--------|---------------|---------|---------|--|-------|--------|-----------------------|-------------|
| | | MINIMUM | AVERAGE | MAXIMUM | | | | MINIMUM | AVERAGE | MAXIMUM | | | | | |
| Flow | REPORTED | | | 0.09 | | MGD | | *** | *** | *** | | | 1/31 | Calc. | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | | *** | *** | *** | | | 1/30 | calculated | |
| pH | REPORTED | *** | *** | *** | | | | 7.47 | | 7.47 | | 0 | 1/31 | grab | |
| | PERMIT CONDITION | *** | *** | *** | | | | N/A | N/A | N/A | | | 1/30 | grab | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |

| | | | | | | | |
|-------------------------------------|---------|----|----------------------------|----------------|------|----|-----|
| NAME OF PRINCIPAL EXECUTIVE OFFICER | | | TITLE OF THE OFFICER | | DATE | | |
| Moore | Gilbert | W. | Gen. Supt. Pwr. Sta. Dept. | 8 10 0 17 3 11 | YEAR | MO | DAY |

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Leon L. Steel
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. J58-R0073

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

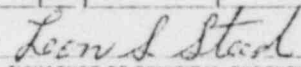
(Final Period)

INSTRUCTIONS

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5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
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7. Remove carbon and retain copy for your records.
8. Fold along dotted lines, staple and mail Original to office specified in permit.

| | | | | | |
|--|------------------------------------|-----------------------|------------------------|----------------------------------|-----------------------------------|
| 12-# PA ST | 14-181 0025615 PERMIT NUMBER | 117-181 103 DIS | 191-181 4911 SIC | 120-271 40°27'15" LATITUDE | 120-281 80°26'18" LONGITUDE |
| 122-271 REPORTING PERIOD: FROM 8 10 YEAR | | | 122-281 0 17 MO | 124-281 0 11 DAY | 120-271 8 10 YEAR |
| | | | 120-281 0 17 MO | 120-291 3 1 DAY | |

| PARAMETER | REPORTED PERMIT CONDITION | QUANTITY | | | | UNITS | NO. EX | CONCENTRATION | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|------------------------------|---------------------------------|----------|---------|---------|---------|-------|-----------|---------------|---------|------|-------|-----------|-----------------------------|----------------|
| | | MINIMUM | AVERAGE | MAXIMUM | MINIMUM | | | AVERAGE | MAXIMUM | | | | | |
| Flow | REPORTED | 0.02 | 0.02 | 0.02 | MGD | | *** | *** | *** | | | 2/31 | estimate | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | | | |
| Total Suspended Solids | REPORTED | | | | | | 1.06 | 1.06 | 1.06 | mg/l | 0 | 1/31 | grab | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 30 | 100 | | | | | |
| Oil and Grease | REPORTED | | | | | | < 1 | < 1 | < 1 | mg/l | 0 | 1/31 | grab | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 15 | 20 | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |

| | | | | | | | |
|-------------------------------------|---------|----------------------|----------------------------|------|------|--|--|
| NAME OF PRINCIPAL EXECUTIVE OFFICER | | TITLE OF THE OFFICER | | DATE | | I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate. |  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |
| Moore | Gilbert | W. | Gen. Supt. Pwr. Sta. Dept. | 8 10 | 0 18 | | |
| LAST | FIRST | MI | TITLE | YEAR | MO | DAY | |

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Form Approved
OMB NO. 158-R0073

DUQUESNE LIGHT COMPANY
Beaver Valley Unit 1
P. O. Box 4
Shippingport, PA 15077

(Final Period)

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5. Specify sample type ("grab" or "composite") as applicable.
6. Appropriate signatures are required on bottom of this form.
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| | | | | | | | | | | | | | |
|------------------|------------------------------------|-----------------------|-------------------------------------|-----------------------|-----------------------|--------------------|---------------------|-----------------------|--------------------|---------------------|-----------------------|--------------------|---------------------|
| 12-2 PA ST | 14-101 0025615 PERMIT NUMBER | 112-101 102 DHS | 123-20 8 10 YEAR MO DAY | 124-20 4911 SIC | 125-20 810 YEAR | 126-20 01 MO | 127-20 17 DAY | 128-20 810 YEAR | 129-20 01 MO | 130-20 17 DAY | 131-20 810 YEAR | 132-20 01 MO | 133-20 17 DAY |
|------------------|------------------------------------|-----------------------|-------------------------------------|-----------------------|-----------------------|--------------------|---------------------|-----------------------|--------------------|---------------------|-----------------------|--------------------|---------------------|

| PARAMETER | QUANTITY | | | CONCENTRATION | | | UNITS | NO. EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|----------|---------|---------|---------------|---------|---------|-------|---------|-----------------------|-------------|
| | MINIMUM | AVERAGE | MAXIMUM | MINIMUM | AVERAGE | MAXIMUM | | | | |
| Flow | N/A | N/A | N/A | *** | *** | *** | MGD | | N/A | N/A |
| Total Iron | N/A | N/A | N/A | N/A | N/A | 1 | mg/l | | 2/30 | grab |
| Total Copper | N/A | N/A | N/A | N/A | N/A | 1 | mg/l | | 2/30 | grab |
| NO FLOW FROM DISCHARGE 102 DURING JULY, 1980 | | | | | | | | | | |

NAME OF PRINCIPAL EXECUTIVE OFFICER
Moore Gilbert
LAST FIRST MI

TITLE OF THE OFFICER
Gen. Supt. Pwr. Sta. Dept.
TITLE

DATE
8/10/80
YEAR MO DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Leon S. Steel

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

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12-30 PA 0025615 PERMIT NUMBER

117-101 401 DIS 4911 SIC

40°37'15" LATITUDE 80°26'18" LONGITUDE

120-211 122-230 124-250 REPORTING PERIOD FROM 8 10 YEAR 0 17 MO 0 1 DAY TO 8 10 YEAR 0 17 MO 3 11 DAY

| PARAMETER | | QUANTITY | | | | UNITS | NO. EX | CONCENTRATION | | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|------------------------|------------------|----------|---------|---------|---------|-------|--------|---------------|---------|---------|----------------|-------|--------|-----------------------|-------------|
| | | MINIMUM | AVERAGE | MAXIMUM | | | | MINIMUM | AVERAGE | MAXIMUM | | | | | |
| Flow | REPORTED | 0 | 0.021 | 0.075 | MGD | 0 | *** | *** | *** | | | | Cont. | Calc. | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | | Cont. | calculated | |
| Total Suspended Solids | REPORTED | 0.51 | 0.51 | 0.51 | lbs/day | | | | | | | | 1/31 | grab | |
| | PERMIT CONDITION | N/A | 3.8 | 45 | | | N/A | N/A | N/A | | | | 2/30 | 24-hr. composite | |
| Oil and Grease | REPORTED | 0.091 | 0.205 | 0.32 | lbs/day | 0 | | | | | | | 2/31 | grab | |
| | PERMIT CONDITION | N/A | 1.9 | 9.0 | | | N/A | N/A | N/A | | | | 2/30 | grab | |
| pH | REPORTED | *** | *** | *** | | | 7.00 | | | 7.53 | standard units | 0 | 5/31 | grab | |
| | PERMIT CONDITION | *** | *** | *** | | | 6.0 | N/A | 9.0 | | | | 2/30 | grab | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | | |

NAME OF PRINCIPAL EXECUTIVE OFFICER: Moore Gilbert W. Gen. Supt. Pwr. Sta. Dept.
 TITLE OF THE OFFICER: Gen. Supt. Pwr. Sta. Dept.
 DATE: 8 10 21 8
 YEAR MO DAY

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

Signature: Leon S. Steel
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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12-9 PA 14-181 0025615 PERMIT NUMBER
117-181 001 DIS 4911 SIC
120-271 120-281 120-311 40°37'15" 80°26'18" LAT. LONG.
120-211 122-211 124-211 810 017 017 YEAR MO DAY
126-271 128-281 130-311 810 017 311 YEAR MO DAY

| PARAMETER | REPORTED | QUANTITY (3 card only) | | | | UNITS | NO. EX | CONCENTRATION (4 card only) | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-------------------------|------------------|------------------------|-------------------|-------------------|-------------------|-------|--------|-----------------------------|-------------------|----------------|-------|--------|-----------------------|-------------|
| | | MINIMUM (138-451) | AVERAGE (148-531) | MAXIMUM (184-611) | MINIMUM (148-631) | | | AVERAGE (158-711) | MAXIMUM (184-791) | | | | | |
| Flow | REPORTED | 0 | 18.61 | 43.20 | MGD | | *** | *** | *** | | | | Cont. | recorded |
| | PERMIT CONDITION | N/A | N/A | N/A | | | *** | *** | *** | | | | | |
| Temperature | REPORTED | *** | *** | *** | | | 65 | 67.5 | 78 | °F | | | Cont. | recorded |
| | PERMIT CONDITION | *** | *** | *** | | | N/A | N/A | N/A | | | | | |
| Oil and Grease | REPORTED | | | | | | | | 1 | mg/l | 0 | | 1/31 | grab |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | N/A | 10 | | | | | |
| Free Available Chlorine | REPORTED | | | | | | 0.00 | 0.00 | 0.00 | mg/l | 0 | | See special | |
| | PERMIT CONDITION | N/A | N/A | N/A | | | N/A | 0.2 | 0.5 | | | | | |
| pH | REPORTED | *** | *** | *** | | | 6.90 | | 7.28 | standard units | 0 | | Cont. | recorded |
| | PERMIT CONDITION | *** | *** | *** | | | 6.0 | N/A | 9.0 | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |
| | REPORTED | | | | | | | | | | | | | |
| | PERMIT CONDITION | | | | | | | | | | | | | |

NAME OF PRINCIPAL EXECUTIVE OFFICER: Moore Gilbert
 TITLE OF THE OFFICER: W. Gen. Supt. Pwr. Sta. Dept.
 DATE: 810 018 218
 I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: Leon S. Steel