



energy  
harbor

Beaver Valley Power Station  
200 Shippingport Hill Rd.  
P.O. Box 4  
Shippingport, PA 15077-0004

50-334  
50-412

June 25, 2022  
L-22-156

eDMR for Electronic Submission

Department of Environmental Protection  
Bureau of Water Quality Management  
400 Waterfront Drive  
Pittsburgh, PA 15222

SUBJECT:

**Beaver Valley Power Station Discharge Monitoring Report (NPDES) Permit No. PA0025615**

Enclosed is the May 2022 NPDES Discharge Monitoring Report (DMR), Chemical Additives Usage Report, Daily Effluent Monitoring Report, Cooling Water Intake Monitoring Report and Supplemental Laboratory Accreditation Forms in accordance with the requirements set forth in the site NPDES permit.

A review of the data indicates no permit parameters were exceeded during the month.

Should you have any questions regarding the attached and enclosed documents, please direct them to James Harvey, at 724-682-7358.

Sincerely,

Matthew J. Enos  
General Plant Manager

IF25  
NR

Beaver Valley Power Station, Unit Nos. 1 and 2  
L-22-156  
Page 2

Enclosure(s):

- A. Monthly Discharge Monitoring Report
- B. Chemical Additives Usage Report
- C. Daily Effluent Monitoring Report
- D. Cooling Water Intake Monitoring Report
- E. Supplemental Laboratory Accreditation Forms

cc: Document Control Desk US NRC (*NOTE: No new US NRC commitments are contained in this letter.*)

**FOR INTERNAL DISTRIBUTION USE ONLY**

**Internal Distribution of Letter L-22-156**

S. York  
M. Reffert (ERM – Cranberry)  
Environmental File  
Central File: ***Keyword- DMR***

**ENCLOSURE A**



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	86.4	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	7.5	***	8.0	S.U.	1/week	Grab
	Permit Requirement	***	***		8.0 Inst Min	***	8.0 IMAX		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Phenolics, Total (32730)	Sample Measurement	***	***	***	***	.012	.012	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Chromium, Total (01034)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.2 Daily Max		1/week	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	***	.015	.021	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Iron, Total (01045)	Sample Measurement	***	***	***	***	4.8	8.5	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max		1/week	24-Hr Composite
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	2.0	3.6	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	31.0	34.5	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	< .07	.19	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.25 IMAX		1/week	Grab
Nalco H150M (51698)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	24-Hr Composite
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	< .03	.07	mg/L	Continuous	Recorded
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		Continuous	Recorded
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .2	< .2	ug/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max		1/week	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF CLEAN WATER  
 DISCHARGE MONITORING REPORT (DMR)

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615  
 PERMIT NUMBER

002  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.046	.046	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***	***	1/week	Estimate
Facility Sampling Point Comments										



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PA0025615  
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003  
 OUTFALL NUMBER

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 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2022	05	01		2022	05	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE		
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L	
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week Grab
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	1.5	2.9	mg/L	2/month 24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month 24-Hr Composite
Flow (50050)	Sample Measurement	.164	.167	MGD	***	***	***	***	2/month Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month Estimate
Nalco H150M (51698)	Sample Measurement	***	***	***	***	GG	GG	mg/L	
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week Grab
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .2	< .2	ug/L	2/month Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L	
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max		1/week Grab
Facility Sampling Point Comments									



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 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
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PA0025615
PERMIT NUMBER

004
OUTFALL NUMBER

Reporting Frequency: Monthly  
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 DMR Effective To: 05/31/2022  
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 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2022	05	01		2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	***	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max			
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX			
Chromium, Total (01034)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	***	***		***	.2 Avg Mo	.2 Daily Max			
Copper, Total (01042)	Sample Measurement	***	***	***	***	***	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max			
Zinc, Total (01092)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max			
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	***	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max			
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	1/week	Calculation
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max			
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.25 IMAX			
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max			
Facility Sampling Point Comments										





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 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

006
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.016	.0016	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***	***		
Facility Sampling Point Comments										



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 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615  
PERMIT NUMBER

007  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE			UNITS
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	***	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max			
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.	1/week	Grab
	Permit Requirement	***	***		8.0 Inst Min	***	9.0 IMAX			
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***			
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***		***	***	20 Daily Max			
NaIco H150M (51698)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max			
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***		***	2 Avg Mo	.5 Daily Max			
Facility Sampling Point Comments										



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 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615  
PERMIT NUMBER

010  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	78.4	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	7.3	***	7.9	S.U.	1/week	Grab
	Permit Requirement	***	***		8.0 Inst Min	***	8.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	3.5	3.6	MGD	***	***	***	***	1/week	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	.08	mg/L	1/week	Grab
	Permit Requirement	***	***		***	***	20 Daily Max		1/week	Grab
Naico H150M (51698)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	24-Hr Composite
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	< .03	.07	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		1/week	Grab
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .2	< .2	ug/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Facility Sampling Point Comments										



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 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615	011
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.004	.004	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***	***	1/week	Estimate
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .2	< .2	ug/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	2/month	Grab
Facility Sampling Point Comments										



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 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Final Effluent

PA0025615  
PERMIT NUMBER

012  
OUTFALL NUMBER

Reporting Frequency: Monthly  
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 DMR Effective To: 05/31/2022  
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 No Discharge:

MONITORING PERIOD						
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FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.2	***	7.9	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Cadmium, Total (01027)	Sample Measurement	***	***	***	***	< .001	< .001	mg/L	3/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	***	.025	.031	mg/L	3/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	.054	.087	mg/L	3/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	***	***	***	4/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



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 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
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PA0025615
PERMIT NUMBER

013
OUTFALL NUMBER

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PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.4	***	7.4	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	***	.018	.029	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



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 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615  
PERMIT NUMBER

101  
OUTFALL NUMBER

Reporting Frequency: Monthly  
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2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.7	***	7.8	S.U.	1/week	Grab
	Permit Requirement	***	***	***	6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<4.0	<4.0	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.2	< 5.7	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.007	.009	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	***	***	***		1/week	Estimate
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615  
PERMIT NUMBER

102  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.1	***	7.8	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	28.8	39.0	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.0	< 5.2	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										





**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615  
PERMIT NUMBER

103  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.6	***	7.0	S.U.	3/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 4.5	5.0	mg/L	2/month	See Permit
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	See Permit
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.2	< 5.2	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.125	.203	MGD	***	***	***	***	1/day	Calculation
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615	108
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2022	05	01	FROM	2022	05	31	TO

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	Weekly when Discharging	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***	***		
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***			
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615	111
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2026  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.6	***	7.5	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 6.5	11.3	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.1	< 5.3	mg/L	1/week	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615  
PERMIT NUMBER

211  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.1	***	7.2	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 7.2	12.8	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00555)	Sample Measurement	***	***	***	***	< 5.1	4.8	mg/L	1/week	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615
PERMIT NUMBER

301
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max			
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max			
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***			
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615	303
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX			
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max			
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max			
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***			
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

**PA0025615**  
PERMIT NUMBER

**313**  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.7	***	7.1	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.5	6.4	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.1	< 5.2	mg/L	1/week	Grab
	Permit Requirement	***	***		***	15 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615	401
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.2	***	***	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	***		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 4.0	< 4.0	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.2	< 5.2	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										





**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615
PERMIT NUMBER

403
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2022	05	01		2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.	Weekly when Discharging	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX			
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max			
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max			
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max			
Chromium, Total (01034)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	.2 Avg Mo	.2 Daily Max			
Zinc, Total (01092)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max			
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	Weekly when Discharging	Estimate
	Permit Requirement	***	***	Monitor & Report Avg Mo	***	***	***			
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.25 IMAX			
Nalco H150M (51698)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max			
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max			
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615  
PERMIT NUMBER

601  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	***	***		***	***	***		1/week	Estimate
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP  
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014  
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1  
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077  
 STAGE: Internal Monitoring Point

PA0025615
PERMIT NUMBER

701
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 05/01/2022  
 DMR Effective To: 05/31/2022  
 Permit Expires: 10/31/2026  
 Permit Application Due: 05/04/2026  
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
FROM 2022	05	01	TO	2022	05	31

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.	1/week	Grab
	Permit Requirement	***	***	***	6.0 Inst Min	***	9.0 IMAX	***		
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	30.0 Avg Mo	100.0 Daily Max	***		
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	15.0 Avg Mo	20.0 Daily Max	***		
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***		
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	***	***	***	***	***	***	***		
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***		
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comments
May 2022 BVPS Signed DMR Cover Letter.pdf	Cover Letter	2022-06-27T19:19:59-04:00	
May 2022 BVPS Daily Effluent Forms.pdf	Daily Effluent Monitoring Form	2022-06-27T19:20:58-04:00	
May 2022 BVPS Supplement Lab Accreditation Forms.pdf	Laboratory Accreditation Form	2022-06-27T19:21:41-04:00	
May 2022 BVPS Chemical Additives Forms.pdf	Chemical Additives Usage Form	2022-06-27T19:20:29-04:00	
May 2022 BVPS Cooling Water Intake Forms.pdf	Other	2022-06-27T19:22:55-04:00	May 2022 BVPS Cooling Water Intake Monitoring Form

**PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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**UNAUTHORIZED DISCHARGES**

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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**OTHER PERMIT VIOLATIONS**

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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**COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
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**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Matthew Enos	TELEPHONE		DATE		
			(724)	682-7773	2022	06	28
enosmj		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**ENCLOSURE B**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE**

3800-FM-BCW0439 3/2014

Facility Name: Beaver Valley Power Station - Unit 1  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: Ohio River

Month: May Year: 2022  
 NPDES Permit No.: PA0025615 Outfall: 001  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

Day	Chemical Names															
	Bleach Liquichlor		Control Brom CB-70		Surfactant Nalco 73550		Dispersant Nalco 3DT-120		Acti Brom Nalco 1318		Biocide Nalco H-150M		Dechlorination Nalco 7408			
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	261.0		21.0		0.0		28.0		0.0		0.0		21.0			
2	270.0		21.0		27.0		14.0		0.0		0.0		20.0			
3	239.0		19.0		0.0		25.0		0.0		0.0		5.0			
4	130.0		10.0		27.0		25.0		0.0		0.0		13.0			
5	224.0		18.0		27.0		25.0		0.0		0.0		21.0			
6	174.0		14.0		27.0		25.0		0.0		0.0		10.0			
7	261.0		21.0		0.0		25.0		0.0		0.0		15.0			
8	261.0		21.0		0.0		25.0		0.0		0.0		4.0			
9	261.0		21.0		0.0		25.0		0.0		0.0		21.0			
10	261.0		21.0		0.0		25.0		0.0		0.0		21.0			
11	261.0		21.0		0.0		25.0		0.0		0.0		21.0			
12	261.0		21.0		27.0		25.0		0.0		0.0		21.0			
13	261.0		21.0		0.0		25.0		0.0		0.0		21.0			
14	261.0		21.0		0.0		25.0		0.0		0.0		20.0			
15	261.0		21.0		0.0		25.0		0.0		0.0		20.0			
16	271.0		21.0		27.0		25.0		0.0		0.0		21.0			
17	261.0		21.0		27.0		25.0		0.0		0.0		20.0			
18	236.0		18.0		27.0		25.0		0.0		0.0		18.0			
19	261.0		21.0		27.0		25.0		0.0		0.0		20.0			
20	270.0		21.0		27.0		25.0		0.0		0.0		20.0			
21	261.0		21.0		27.0		25.0		0.0		0.0		20.0			
22	271.0		21.0		27.0		25.0		0.0		0.0		50.0			
23	261.0		21.0		27.0		25.0		0.0		0.0		27.0			
24	161.0		12.0		9.0		25.0		0.0		0.0		15.0			
25	261.0		21.0		27.0		0.0		0.0		0.0		22.0			
26	271.0		21.0		27.0		25.0		0.0		0.0		21.0			
27	261.0		21.0		27.0		25.0		0.0		0.0		19.0			
28	271.0		21.0		27.0		25.0		0.0		0.0		24.0			
29	261.0		21.0		27.0		25.0		0.0		0.0		28.0			
30	271.0		21.0		27.0		25.0		0.0		0.0		21.0			
31	261.0		21.0		27.0		25.0		0.0		0.0		21.0			
Average	250.2		19.9		17.7		23.9						20.0			
Maximum	271.0		21.0		27.0		28.0						50.0			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 5/31/2022

**SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE**

Facility Name: Beaver Valley Power Station - Unit 2  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: Ohio River

Month: May Year: 2022  
 NPDES Permit No.: PA0025615 Outfall: 001  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

Day	Chemical Names																	
	Bleach		Liquichlor		Control Brom CB-70		Surfactant Nalco 73550		Dispersant Nalco 3DT-120		Biocide Nalco H150-M		Dechlorination Nalco 7408		gallons	lbs	gallons	lbs
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs						
1	259.0		28.0		27.0		39.0		0.0		0.0							
2	259.0		28.0		27.0		37.0		0.0		0.0							
3	259.0		28.0		27.0		34.0		0.0		0.0							
4	129.0		14.0		27.0		34.0		0.0		0.0							
5	263.0		28.0		27.0		34.0		0.0		0.0							
6	173.0		18.0		27.0		34.0		0.0		0.0							
7	259.0		28.0		0.0		34.0		0.0		0.0							
8	259.0		28.0		0.0		34.0		0.0		0.0							
9	259.0		28.0		0.0		34.0		0.0		0.0							
10	259.0		28.0		0.0		34.0		0.0		0.0							
11	259.0		28.0		0.0		34.0		0.0		0.0							
12	259.0		28.0		30.0		34.0		0.0		0.0							
13	259.0		28.0		0.0		34.0		0.0		0.0							
14	259.0		28.0		29.0		34.0		0.0		0.0							
15	272.0		28.0		29.0		34.0		0.0		0.0							
16	272.0		28.0		58.0		34.0		0.0		0.0							
17	272.0		28.0		0.0		34.0		0.0		0.0							
18	242.0		25.0		27.0		34.0		0.0		0.0							
19	272.0		28.0		27.0		34.0		0.0		0.0							
20	272.0		28.0		27.0		34.0		0.0		0.0							
21	272.0		28.0		27.0		34.0		0.0		0.0							
22	272.0		28.0		27.0		34.0		0.0		0.0							
23	272.0		28.0		27.0		34.0		0.0		0.0							
24	159.0		16.0		0.0		34.0		0.0		0.0							
25	272.0		28.0		0.0		34.0		0.0		0.0							
26	272.0		28.0		27.0		34.0		0.0		0.0							
27	272.0		28.0		27.0		34.0		0.0		0.0							
28	272.0		28.0		27.0		34.0		0.0		0.0							
29	272.0		28.0		27.0		34.0		0.0		0.0							
30	272.0		28.0		27.0		34.0		0.0		0.0							
31	272.0		28.0		27.0		34.0		0.0		0.0							
Average	254.7		26.7		20.4		34.3											
Maximum	272.0		28.0		58.0		39.0											

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 5/31/2022

**SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE**

Facility Name: Beaver Valley power Station  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: Ohio River

Month: May Year: 2022  
 NPDES Permit No.: PA0025615 Outfall: 003  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

Day	Chemical Names															
	RO Antiscalant Hypersperse															
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	0.0															
2	0.52															
3	0.22															
4	0.19															
5	0.0															
6	0.49															
7	0.39															
8	0.0															
9	0.49															
10	0.52															
11	0.39															
12	0.0															
13	0.45															
14	0.39															
15	0.0															
16	0.39															
17	0.45															
18	0.39															
19	0.0															
20	0.0															
21	0.78															
22	0.13															
23	0.45															
24	0.06															
25	0.39															
26	0.13															
27	0.49															
28	0.0															
29	0.13															
30	0.65															
31	0.33															
Average	0.3															
Maximum	0.8															

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 6/9/2022



**SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE**

Facility Name: Beaver Valley Power Station  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: Ohio River

Month: May Year: 2022  
 NPDES Permit No.: PA0025615 Outfall: 010  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

Day	Chemical Names															
	Sodium Hypochlorite		Control-Brom 70 CB		Biocide Nalco H-150M		Dechlorination NALCO 7408		Corrosion Inhib. NALCO CL-50							
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	10.0		0.0		0.0		3.9		0.0							
2	0.0		0.0		0.0		3.9		0.0							
3	10.0		0.0		0.0		3.9		0.0							
4	0.0		0.0		0.0		3.9		0.0							
5	0.0		0.0		0.0		3.9		0.0							
6	0.0		0.0		0.0		3.9		0.0							
7	0.0		0.0		0.0		3.9		0.0							
8	0.0		0.0		0.0		3.9		0.0							
9	0.0		0.0		0.0		3.9		0.0							
10	0.0		0.0		0.0		3.9		0.0							
11	0.0		0.0		0.0		3.9		0.0							
12	0.0		0.0		0.0		3.9		0.0							
13	0.0		0.0		0.0		3.9		0.0							
14	8.0		0.0		0.0		3.9		0.0							
15	0.0		0.0		0.0		3.9		0.0							
16	0.0		0.0		0.0		7.8		0.0							
17	11.0		0.0		0.0		3.9		0.0							
18	0.0		0.0		0.0		0.0		0.0							
19	8.0		0.0		0.0		3.9		0.0							
20	0.0		0.0		0.0		3.9		0.0							
21	10.0		0.0		0.0		3.9		0.0							
22	0.0		0.0		0.0		3.9		0.0							
23	10.0		0.0		0.0		3.9		0.0							
24	0.0		0.0		0.0		3.9		0.0							
25	10.0		0.0		0.0		3.9		0.0							
26	0.0		0.0		0.0		3.9		0.0							
27	10.0		0.0		0.0		3.9		0.0							
28	0.0		0.0		0.0		3.9		0.0							
29	10.0		0.0		0.0		3.9		0.0							
30	0.0		0.0		0.0		3.9		0.0							
31	11.0		0.0		0.0		3.9		0.0							
Average	3.5						3.9									
Maximum	11.0						7.8									

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 6/1/2022



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE**

3800-FM-BCW0439 3/2014

Facility Name: Beaver Valley Power Station - Unit 1 Secondary  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: Ohio River

Month: May Year: 2022  
 NPDES Permit No.: PA0025615 Outfall: No Outfall  
 Renewal application due 180 days prior to expiration.

These feedwater additives are not typically discharged. They are reported to align with DEP guidance. This permit will expire on: October 31, 2026

Day	Chemical Names															
	Hydrazine		Monoethanolamine PT7000													
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	4.0		0.0													
2	4.0		0.0													
3	4.0		0.0													
4	5.0		0.0													
5	5.0		1.0													
6	5.0		0.0													
7	5.0		0.0													
8	5.0		0.0													
9	5.0		0.0													
10	5.0		0.0													
11	5.0		0.0													
12	5.0		0.5													
13	4.5		0.0													
14	4.5		0.0													
15	4.5		0.0													
16	4.5		1.5													
17	4.5		0.0													
18	4.5		0.0													
19	4.5		0.0													
20	4.5		0.0													
21	4.5		0.5													
22	4.5		1.0													
23	4.5		0.0													
24	4.5		0.0													
25	4.5		0.0													
26	4.5		0.0													
27	4.5		0.0													
28	4.5		1.0													
29	4.5		0.0													
30	4.5		0.0													
31	4.5		0.0													
Average	4.6		0.2													
Maximum	5.0		1.5													

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Jim Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 5/31/2022

**SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE**

Facility Name: Beaver Valley Power Station - Unit 2 Secondary  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: Ohio River

Month: May Year: 2022  
 NPDES Permit No.: PA0025615 Outfall: No Outfall  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

These feedwater additives are not typically discharged. They are reported to align with DEP guidance.

Day	Chemical Names															
	Hydrazine		Monoethanolamine PT7000													
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	6.0		0.0													
2	6.0		0.5													
3	6.0		0.0													
4	6.0		0.5													
5	6.0		0.5													
6	6.0		0.5													
7	6.0		0.0													
8	6.0		0.0													
9	6.0		0.0													
10	6.0		0.0													
11	6.0		0.5													
12	8.0		0.5													
13	8.0		0.5													
14	8.0		0.5													
15	8.0		0.5													
16	7.0		0.0													
17	6.5		0.0													
18	6.0		0.0													
19	6.0		0.0													
20	6.0		0.0													
21	6.0		0.5													
22	6.0		1.0													
23	6.0		1.0													
24	6.0		0.0													
25	6.0		0.0													
26	6.0		0.0													
27	6.0		0.0													
28	6.0		0.0													
29	6.0		1.0													
30	5.5		0.5													
31	5.5		1.0													
Average	6.3		0.3													
Maximum	8.0		1.0													

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Jim Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 5/31/2022

**ENCLOSURE C**

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station Month: 5 (select number) Year: 2022  
 Municipality: Shippingport Borough County: Beaver Permit No.: \_\_\_\_\_ Outfall: 001  
 Watershed: 20-B Renewal application due 180 days prior to expiration.  
 Laboratories: TestAmerica, BVPS Lab This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH		TRC	Free Available Chlorine		Temperature	NH3-N	Total Aluminum	Total Chromium	Total Copper	Total Iron	Total Mercury	Total Zinc	Hydrazine	Nalco H150M	Total Phenolics		
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Parameter			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L
Stage			Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1	Sun	5/1/22	28.6				<	0.02	77.8												
	Mon	5/2/22	28.5		7.9	<	0.02	<	0.02		0.4		0.008	1.0	<	0.0002					0.011
	Tue	5/3/22	29.1				<	0.02	73.4												
	Wed	5/4/22	29.6				<	0.02	81.5												
	Thu	5/5/22	29.1				<	0.02	79.6												
	Fri	5/6/22	30.3				<	0.02	78.3												
	Sat	5/7/22	30.8				<	0.02	76.3												
2	Sun	5/8/22	30.1				<	0.02	71.3												
	Mon	5/9/22	28.7		7.5		<	0.02	70.8		3.6		0.021	8.5	<	0.0002					0.012
	Tue	5/10/22	27.9				<	0.02	71.9												
	Wed	5/11/22	27.8				<	0.02	73.1												
	Thu	5/12/22	28.8				<	0.02	74.2												
	Fri	5/13/22	29.1				<	0.02	80.9												
	Sat	5/14/22	30.4				<	0.02	81.6												
3	Sun	5/15/22	30.1				<	0.02	80.9												
	Mon	5/16/22	31.1				<	0.02	81.2												
	Tue	5/17/22	31.5		7.9	<	0.02	<	0.05	76.9											
	Wed	5/18/22	32.7				<	0.02	72.4												
	Thu	5/19/22	30.2				<	0.02	86.3												
	Fri	5/20/22	29.7				<	0.02	85.6												
	Sat	5/21/22	30.0				<	0.02	86.4												
4	Sun	5/22/22	32.3					0.03	85.3												
	Mon	5/23/22	34.0		7.5		<	0.02	75.5												
	Tue	5/24/22	33.5				<	0.02	74.9												
	Wed	5/25/22	32.8			0.04		0.03	77.6												
	Thu	5/26/22	32.8					0.04	80.9												
	Fri	5/27/22	33.8					0.06	83												
	Sat	5/28/22	34.5					0.07	81.6												
5	Sun	5/29/22	34.1				<	0.02	77.7												
	Mon	5/30/22	33.8				<	0.02	80.9												
	Tue	5/31/22	34.4		8.0			0.09	83.1												

Statistics for DMR																				
Daily Minimum (Conc.):			7.5	<	0.02	<	0.02		70.8				0.008	1	<	0.0002				0.011
Daily Maximum (Conc.):			8		0.19	<	0.07		86.4				0.021	8.5	<	0.0002				0.012
Max Avg Weekly (Conc.):					0.19	<	0.04		81				0.021	8.5	<	0.0002				0.012
Avg Monthly (Conc.):					0.07	<	0.03		78.6				0.015	4.8	<	0.0002				0.012
Geometric Mean (Conc.):																				
Max Avg Weekly (Load):	33.396078				45	<	11				861		5	2033	<	0.05				3
Avg Monthly (Load):	30.971739				<	18	<	7			478		3	1135	<	0.05				3
Total Monthly (Load):	960.12391				<	572	<	213			14819		107	35194	<	1				85
Daily Minimum (Load):	27.83175				<	5	<	5			95		2	238	<	0.05				3
Daily Maximum (Load):	34.524464					45		20			861		5	2033	<	0.05				3

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
 Title: Senior Nuclear Specialist Date: 6/2/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 002  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Parameter			Flow																
Stage			1																
Week	Day	Date	MGD	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																	
	Mon	5/2/22	0.046																
	Tue	5/3/22																	
	Wed	5/4/22																	
	Thu	5/5/22																	
	Fri	5/6/22																	
	Sat	5/7/22																	
2	Sun	5/8/22																	
	Mon	5/9/22	0.046																
	Tue	5/10/22																	
	Wed	5/11/22																	
	Thu	5/12/22																	
	Fri	5/13/22																	
	Sat	5/14/22																	
3	Sun	5/15/22																	
	Mon	5/16/22	0.046																
	Tue	5/17/22																	
	Wed	5/18/22																	
	Thu	5/19/22																	
	Fri	5/20/22																	
	Sat	5/21/22																	
4	Sun	5/22/22																	
	Mon	5/23/22	0.046																
	Tue	5/24/22																	
	Wed	5/25/22																	
	Thu	5/26/22																	
	Fri	5/27/22																	
	Sat	5/28/22																	
5	Sun	5/29/22																	
	Mon	5/30/22	0.046																
	Tue	5/31/22																	

Statistics for DMR

Daily Minimum (Conc.):																			
Daily Maximum (Conc.):																			
Max Avg Weekly (Conc.):																			
Avg Monthly (Conc.):																			
Geometric Mean (Conc.):																			
Max Avg Weekly (Load):	0.046																		
Avg Monthly (Load):	0.046																		
Total Monthly (Load):	0.23																		
Daily Minimum (Load):	0.046																		
Daily Maximum (Load):	0.046																		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
Date: 6/2/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 003  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow		NH3-N		Total Aluminum		Total Mercury		Hydrazine		Nalco H150M									
			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q
1	Sun	5/1/22																				
	Mon	5/2/22																				
	Tue	5/3/22																				
	Wed	5/4/22																				
	Thu	5/5/22																				
	Fri	5/6/22																				
	Sat	5/7/22																				
2	Sun	5/8/22																				
	Mon	5/9/22																				
	Tue	5/10/22																				
	Wed	5/11/22																				
	Thu	5/12/22	0.158				2.9		<	0.0002												
	Fri	5/13/22																				
	Sat	5/14/22																				
3	Sun	5/15/22																				
	Mon	5/16/22																				
	Tue	5/17/22	0.163																			
	Wed	5/18/22																				
	Thu	5/19/22																				
	Fri	5/20/22																				
	Sat	5/21/22																				
4	Sun	5/22/22																				
	Mon	5/23/22																				
	Tue	5/24/22	0.167						<	0.0002												
	Wed	5/25/22	0.166				0.17															
	Thu	5/26/22																				
	Fri	5/27/22																				
	Sat	5/28/22																				
5	Sun	5/29/22																				
	Mon	5/30/22																				
	Tue	5/31/22																				

Statistics for DMR		MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	
Daily Minimum (Conc.):						0.17		<	0.0002														
Daily Maximum (Conc.):						2.9		<	0.0002														
Max Avg Weekly (Conc.):						2.9		<	0.0002														
Avg Monthly (Conc.):						1.54		<	0.0002														
Geometric Mean (Conc.):																							
Max Avg Weekly (Load):	0.167					4		<	0.0003														
Avg Monthly (Load):	0.164					2		<	0.0003														
Total Monthly (Load):	0.654					63		<	0.008														
Daily Minimum (Load):	0.158					0.2		<	0.0003														
Daily Maximum (Load):	0.167					4		<	0.0003														

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/16/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 004  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Stage	Flow	pH		TRC		Free Available Chlorine		Temperature		Total Aluminum		Total Chromium		Total Copper		Total Mercury		Total Zinc	
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			MGD	q	S.U.	q	mg/L	q	mg/L	q	°F	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L
1	Sun	5/1/22	0.0																		
	Mon	5/2/22	0.0																		
	Tue	5/3/22	0.0																		
	Wed	5/4/22	0.0																		
	Thu	5/5/22	0.0																		
	Fri	5/6/22	0.0																		
	Sat	5/7/22	0.0																		
2	Sun	5/8/22	0.0																		
	Mon	5/9/22	0.0																		
	Tue	5/10/22	0.0																		
	Wed	5/11/22	0.0																		
	Thu	5/12/22	0.0																		
	Fri	5/13/22	0.0																		
	Sat	5/14/22	0.0																		
3	Sun	5/15/22	0.0																		
	Mon	5/16/22	0.0																		
	Tue	5/17/22	0.0																		
	Wed	5/18/22	0.0																		
	Thu	5/19/22	0.0																		
	Fri	5/20/22	0.0																		
	Sat	5/21/22	0.0																		
4	Sun	5/22/22	0.0																		
	Mon	5/23/22	0.0																		
	Tue	5/24/22	0.0																		
	Wed	5/25/22	0.0																		
	Thu	5/26/22	0.0																		
	Fri	5/27/22	0.0																		
	Sat	5/28/22	0.0																		
5	Sun	5/29/22	0.0																		
	Mon	5/30/22	0.0																		
	Tue	5/31/22	0.0																		

**Statistics for DMR**

Daily Minimum (Conc.):																					
Daily Maximum (Conc.):																					
Max Avg Weekly (Conc.):																					
Avg Monthly (Conc.):																					
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):																					
Avg Monthly (Load):																					
Total Monthly (Load):																					
Daily Minimum (Load):	0																				
Daily Maximum (Load):	0																				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/2/2022



**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 006  
Renewal application due **180 days** prior to expiration.  
This permit will expire on: October 31, 2026

Parameter			Flow																		
Stage			1																		
Week	Day	Date	MGD	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	
1	Sun	5/1/22																			
	Mon	5/2/22	0.016																		
	Tue	5/3/22																			
	Wed	5/4/22																			
	Thu	5/5/22																			
	Fri	5/6/22																			
	Sat	5/7/22																			
2	Sun	5/8/22																			
	Mon	5/9/22	0.016																		
	Tue	5/10/22																			
	Wed	5/11/22																			
	Thu	5/12/22																			
	Fri	5/13/22																			
	Sat	5/14/22																			
3	Sun	5/15/22																			
	Mon	5/16/22	0.016																		
	Tue	5/17/22																			
	Wed	5/18/22																			
	Thu	5/19/22																			
	Fri	5/20/22																			
	Sat	5/21/22																			
4	Sun	5/22/22																			
	Mon	5/23/22	0.016																		
	Tue	5/24/22																			
	Wed	5/25/22																			
	Thu	5/26/22																			
	Fri	5/27/22																			
	Sat	5/28/22																			
5	Sun	5/29/22																			
	Mon	5/30/22	0.016																		
	Tue	5/31/22																			

Statistics for DMR																					
Daily Minimum (Conc.):																					
Daily Maximum (Conc.):																					
Max Avg Weekly (Conc.):																					
Avg Monthly (Conc.):																					
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):	0.016																				
Avg Monthly (Load):	0.016																				
Total Monthly (Load):	0.08																				
Daily Minimum (Load):	0.016																				
Daily Maximum (Load):	0.016																				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/2/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3600-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station Month: 5 (select number) Year: 2022  
 Municipality: Shippingport Borough County: Beaver Permit No.: \_\_\_\_\_ Outfall: 007  
 Watershed: 20-B Renewal application due **180 days** prior to expiration.  
 Laboratories: TestAmerica, BVPS Lab This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	Free Available Chlorine	Temperature	Nalco H150M													
Week	Day	Stage	MGD	q	S.U.	q	mg/L	q	mg/L	q	*F	q	mg/L	q	q	q	q	q	q	q	
1	Sun	5/1/22																			
	Mon	5/2/22																			
	Tue	5/3/22																			
	Wed	5/4/22																			
	Thu	5/5/22	0.0																		
	Fri	5/6/22																			
	Sat	5/7/22																			
2	Sun	5/8/22																			
	Mon	5/9/22																			
	Tue	5/10/22																			
	Wed	5/11/22	0.0																		
	Thu	5/12/22																			
	Fri	5/13/22																			
	Sat	5/14/22																			
3	Sun	5/15/22																			
	Mon	5/16/22																			
	Tue	5/17/22	0.0																		
	Wed	5/18/22																			
	Thu	5/19/22																			
	Fri	5/20/22																			
	Sat	5/21/22																			
4	Sun	5/22/22																			
	Mon	5/23/22	0.0																		
	Tue	5/24/22																			
	Wed	5/25/22																			
	Thu	5/26/22																			
	Fri	5/27/22																			
	Sat	5/28/22																			
5	Sun	5/29/22																			
	Mon	5/30/22	0.0																		
	Tue	5/31/22																			

Statistics for DMR

Daily Minimum (Conc.):																					
Daily Maximum (Conc.):																					
Max Avg Weekly (Conc.):																					
Avg Monthly (Conc.):																					
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):																					
Avg Monthly (Load):																					
Total Monthly (Load):																					
Daily Minimum (Load):	0																				
Daily Maximum (Load):	0																				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
 Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 010  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	Free Available Chlorine	Temperature	Total Mercury	Nalco H150M												
Week	Day	Date	MGD	S.U.	mg/L	mg/L	°F	mg/L	mg/L												
1	Sun	5/1/22					65.6														
	Mon	5/2/22					65														
	Tue	5/3/22	3.6		7.6	< 0.02	< 0.02	64.9	< 0.0002												
	Wed	5/4/22						65.4													
	Thu	5/5/22						66.7													
	Fri	5/6/22						65.9													
	Sat	5/7/22						65.1													
2	Sun	5/8/22						64.8													
	Mon	5/9/22	3.6		7.3			65.6	< 0.0002												
	Tue	5/10/22						66.7													
	Wed	5/11/22						67.2													
	Thu	5/12/22						69.9													
	Fri	5/13/22				0.08	< 0.02	71													
	Sat	5/14/22						72.3													
3	Sun	5/15/22						73.7													
	Mon	5/16/22						73.5													
	Tue	5/17/22	3.6		7.8	0.05	0.03	73.4													
	Wed	5/18/22						76.1													
	Thu	5/19/22						76.8													
	Fri	5/20/22						76.1													
	Sat	5/21/22						75.3													
4	Sun	5/22/22			7.4			75.2													
	Mon	5/23/22						73.4													
	Tue	5/24/22						75.9													
	Wed	5/25/22	3.6			0.07	< 0.02	74.6													
	Thu	5/26/22						75.1													
	Fri	5/27/22						75													
	Sat	5/28/22						76.6													
5	Sun	5/29/22						77													
	Mon	5/30/22						76.6													
	Tue	5/31/22	2.9		7.9	0.07	0.07	78.4													

Statistics for DMR																					
Daily Minimum (Conc.):		7.3	<	0.02	<	0.02	64.8	<	0.0002												
Daily Maximum (Conc.):		7.9		0.08		0.07	78.4	<	0.0002												
Max Avg Weekly (Conc.):				0.08		0.03	76	<	0.0002												
Avg Monthly (Conc.):				<		0.06	<	0.03	71.6	<											
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):	3.6					2			0.9	<											
Avg Monthly (Load):	3.5					<			1	<											
Total Monthly (Load):	17.3					<			37	<											
Daily Minimum (Load):	2.9					<			0.6	<											
Daily Maximum (Load):	3.6					<			2	<											

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 011  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	Total Mercury																	
			1	q	1	q	q	q	q	q	q	q	q	q	q	q	q	q	q		
			MGD		mg/L																
1	Sun	5/1/22																			
	Mon	5/2/22																			
	Tue	5/3/22	0.004	<	0.0002																
	Wed	5/4/22																			
	Thu	5/5/22																			
	Fri	5/6/22																			
	Sat	5/7/22																			
2	Sun	5/8/22																			
	Mon	5/9/22																			
	Tue	5/10/22	0.004	<	0.0002																
	Wed	5/11/22																			
	Thu	5/12/22																			
	Fri	5/13/22																			
	Sat	5/14/22																			
3	Sun	5/15/22																			
	Mon	5/16/22																			
	Tue	5/17/22																			
	Wed	5/18/22																			
	Thu	5/19/22																			
	Fri	5/20/22																			
	Sat	5/21/22																			
4	Sun	5/22/22																			
	Mon	5/23/22	0.004																		
	Tue	5/24/22																			
	Wed	5/25/22																			
	Thu	5/26/22																			
	Fri	5/27/22																			
	Sat	5/28/22																			
5	Sun	5/29/22																			
	Mon	5/30/22																			
	Tue	5/31/22	0.004																		

Statistics for DMR																			
Daily Minimum (Conc.):	<	0.0002																	
Daily Maximum (Conc.):	<	0.0002																	
Max Avg Weekly (Conc.):	<	0.0002																	
Avg Monthly (Conc.):	<	0.0002																	
Geometric Mean (Conc.):																			
Max Avg Weekly (Load):	0.004	<	0.000007																
Avg Monthly (Load):	0.004	<	0.000007																
Total Monthly (Load):	0.016	<	0.0002																
Daily Minimum (Load):	0.004	<	0.000007																
Daily Maximum (Load):	0.004	<	0.000007																

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: \_\_\_\_\_

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 012  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH	Total Cadmium	Total Copper	Total Zinc														
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stage			MGD	q	S.U.	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L
1	Sun	5/1/22																			
	Mon	5/2/22																			
	Tue	5/3/22	0.001		7.6	<	0.001		0.014		0.087										
	Wed	5/4/22																			
	Thu	5/5/22																			
	Fri	5/6/22																			
	Sat	5/7/22																			
2	Sun	5/8/22																			
	Mon	5/9/22																			
	Tue	5/10/22	0.001		7.2	<	0.001		0.031		0.036										
	Wed	5/11/22																			
	Thu	5/12/22																			
	Fri	5/13/22																			
	Sat	5/14/22																			
3	Sun	5/15/22																			
	Mon	5/16/22																			
	Tue	5/17/22	0.001		7.9	<	0.001		0.031		0.038										
	Wed	5/18/22																			
	Thu	5/19/22																			
	Fri	5/20/22																			
	Sat	5/21/22																			
4	Sun	5/22/22																			
	Mon	5/23/22																			
	Tue	5/24/22																			
	Wed	5/25/22	0.001																		
	Thu	5/26/22																			
	Fri	5/27/22																			
	Sat	5/28/22																			
5	Sun	5/29/22																			
	Mon	5/30/22																			
	Tue	5/31/22																			

Statistics for DMR																					
Daily Minimum (Conc.):			7.2	<	0.001		0.014		0.036												
Daily Maximum (Conc.):			7.9	<	0.001		0.031		0.087												
Max Avg Weekly (Conc.):				<	0.001		0.031		0.087												
Avg Monthly (Conc.):				<	0.001		0.025		0.054												
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):	0.001			<	0.000008		0.0003		0.0007												
Avg Monthly (Load):	0.001			<	0.000008		0.0002		0.0004												
Total Monthly (Load):	0.004			<	0.0003		0.007		0.01												
Daily Minimum (Load):	0.001			<	0.000008		0.0001		0.0003												
Daily Maximum (Load):	0.001			<	0.000008		0.0003		0.0007												

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 013  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH	Total Copper														
			MGD	q	S.U.	q	mg/L	q	q	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																	
	Mon	5/2/22																	
	Tue	5/3/22	0.002	7.4	0.029														
	Wed	5/4/22																	
	Thu	5/5/22																	
	Fri	5/6/22																	
	Sat	5/7/22																	
2	Sun	5/8/22																	
	Mon	5/9/22																	
	Tue	5/10/22	0.002	7.4	0.0071														
	Wed	5/11/22																	
	Thu	5/12/22																	
	Fri	5/13/22																	
	Sat	5/14/22																	
3	Sun	5/15/22																	
	Mon	5/16/22																	
	Tue	5/17/22																	
	Wed	5/18/22																	
	Thu	5/19/22																	
	Fri	5/20/22																	
	Sat	5/21/22																	
4	Sun	5/22/22																	
	Mon	5/23/22																	
	Tue	5/24/22																	
	Wed	5/25/22	0.002																
	Thu	5/26/22																	
	Fri	5/27/22																	
	Sat	5/28/22																	
5	Sun	5/29/22																	
	Mon	5/30/22																	
	Tue	5/31/22																	

Statistics for DMR		Flow	pH	Total Copper
Daily Minimum (Conc.):		7.4		0.0071
Daily Maximum (Conc.):		7.4		0.029
Max Avg Weekly (Conc.):				0.029
Avg Monthly (Conc.):				0.0181
Geometric Mean (Conc.):				
Max Avg Weekly (Load):	0.002			0.0005
Avg Monthly (Load):	0.002			0.0003
Total Monthly (Load):	0.006			0.009
Daily Minimum (Load):	0.002			0.0001
Daily Maximum (Load):	0.002			0.0005

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 101  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Stage Date	Flow	pH		TSS		Oil and Grease		NH3-N		Hydrazine										
			MGD	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
			Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L
1	Sun	5/1/22																				
	Mon	5/2/22		6.7	<	4.0	<	5.7														
	Tue	5/3/22																				
	Wed	5/4/22	0.006																			
	Thu	5/5/22		7.0																		
	Fri	5/6/22																				
	Sat	5/7/22																				
2	Sun	5/8/22																				
	Mon	5/9/22	0.008	7.0	<	4.0	<	5.2														
	Tue	5/10/22																				
	Wed	5/11/22																				
	Thu	5/12/22																				
	Fri	5/13/22																				
	Sat	5/14/22																				
3	Sun	5/15/22																				
	Mon	5/16/22																				
	Tue	5/17/22	0.009	7.3	<	4.0	<	5.2														
	Wed	5/18/22																				
	Thu	5/19/22																				
	Fri	5/20/22																				
	Sat	5/21/22																				
4	Sun	5/22/22	0.007	7.2	<	4.0	<	4.7														
	Mon	5/23/22																				
	Tue	5/24/22																				
	Wed	5/25/22																				
	Thu	5/26/22																				
	Fri	5/27/22																				
	Sat	5/28/22																				
5	Sun	5/29/22	0.005	7.6																		
	Mon	5/30/22																				
	Tue	5/31/22																				

Statistics for DMR																					
Daily Minimum (Conc.):		6.7	<	4	<	4.7															
Daily Maximum (Conc.):		7.8	<	4	<	5.7															
Max Avg Weekly (Conc.):			<	4.0	<	5.7															
Avg Monthly (Conc.):			<	4	<	5.2															
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):	0.009		<	0.3	<	0.4															
Avg Monthly (Load):	0.007		<	0.3	<	0.3															
Total Monthly (Load):	0.035		<	6	<	8															
Daily Minimum (Load):	0.005		<	0.2	<	0.3															
Daily Maximum (Load):	0.009		<	0.3	<	0.4															

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 102  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH	TSS	Oil and Grease														
			1	RI	RI	RI														
Stage			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1	Sun	5/1/22																		
	Mon	5/2/22																		
	Tue	5/3/22	0.001		7.1		39.0	<	5.2											
	Wed	5/4/22																		
	Thu	5/5/22																		
	Fri	5/6/22																		
	Sat	5/7/22																		
2	Sun	5/8/22																		
	Mon	5/9/22																		
	Tue	5/10/22																		
	Wed	5/11/22																		
	Thu	5/12/22																		
	Fri	5/13/22																		
	Sat	5/14/22																		
3	Sun	5/15/22																		
	Mon	5/16/22																		
	Tue	5/17/22																		
	Wed	5/18/22																		
	Thu	5/19/22																		
	Fri	5/20/22																		
	Sat	5/21/22																		
4	Sun	5/22/22																		
	Mon	5/23/22																		
	Tue	5/24/22	0.001		7.8		18.5	<	4.8											
	Wed	5/25/22																		
	Thu	5/26/22																		
	Fri	5/27/22																		
	Sat	5/28/22																		
5	Sun	5/29/22																		
	Mon	5/30/22																		
	Tue	5/31/22																		

Statistics for DMR																				
Daily Minimum (Conc):			7.1		18.5	<	4.8													
Daily Maximum (Conc):			7.8		39	<	5.2													
Max Avg Weekly (Conc):					39.0	<	5.2													
Avg Monthly (Conc):					28.8	<	5.0													
Geometric Mean (Conc):																				
Max Avg Weekly (Load):	0.001				0.3	<	0.04													
Avg Monthly (Load):	0.001				0.2	<	0.04													
Total Monthly (Load):	0.002				7	<	1													
Daily Minimum (Load):	0.001				0.2	<	0.04													
Daily Maximum (Load):	0.001				0.3	<	0.04													

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022



**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: 103 Outfall: 103  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH	TSS	Oil and Grease														
			MGD	RI	mg/L	mg/L														
1	Sun	5/1/22	0.103																	
	Mon	5/2/22	0.113	6.8																
	Tue	5/3/22	0.184	7.0	5.0	<	5.2													
	Wed	5/4/22	0.111																	
	Thu	5/5/22	0.131																	
	Fri	5/6/22	0.143																	
	Sat	5/7/22	0.199																	
2	Sun	5/8/22	0.107																	
	Mon	5/9/22	0.099																	
	Tue	5/10/22	0.100																	
	Wed	5/11/22	0.107																	
	Thu	5/12/22	0.102																	
	Fri	5/13/22	0.120																	
	Sat	5/14/22	0.106																	
3	Sun	5/15/22	0.128																	
	Mon	5/16/22	0.118																	
	Tue	5/17/22	0.107	6.6	<	4.0	<	5.2												
	Wed	5/18/22	0.115																	
	Thu	5/19/22	0.119																	
	Fri	5/20/22	0.117																	
	Sat	5/21/22	0.164																	
4	Sun	5/22/22	0.203																	
	Mon	5/23/22	0.116																	
	Tue	5/24/22	0.111																	
	Wed	5/25/22	0.110																	
	Thu	5/26/22	0.128																	
	Fri	5/27/22																		
	Sat	5/28/22	0.105																	
5	Sun	5/29/22	0.132																	
	Mon	5/30/22	0.123																	
	Tue	5/31/22	0.115																	

Statistics for DMR		Flow	pH	TSS	Oil and Grease	
Daily Minimum (Conc.):		6.6	<	4	<	5.2
Daily Maximum (Conc.):		7		5	<	5.2
Max Avg Weekly (Conc.):				5.0	<	5.2
Avg Monthly (Conc.):			<	4.5	<	5.2
Geometric Mean (Conc.):						
Max Avg Weekly (Load):	0.141			8	<	8
Avg Monthly (Load):	0.125		<	6	<	6
Total Monthly (Load):	3.736		<	174	<	196
Daily Minimum (Load):	0.099		<	4	<	5
Daily Maximum (Load):	0.203			8	<	8

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 108  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow		TRC		RI		RI		RI		RI		RI		RI		RI		RI	
			MGD	q	mg/L	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																				
	Mon	5/2/22																				
	Tue	5/3/22																				
	Wed	5/4/22	0.0																			
	Thu	5/5/22																				
	Fri	5/6/22																				
	Sat	5/7/22																				
2	Sun	5/8/22																				
	Mon	5/9/22																				
	Tue	5/10/22																				
	Wed	5/11/22																				
	Thu	5/12/22	0.0																			
	Fri	5/13/22																				
	Sat	5/14/22																				
3	Sun	5/15/22																				
	Mon	5/16/22																				
	Tue	5/17/22	0.0																			
	Wed	5/18/22																				
	Thu	5/19/22																				
	Fri	5/20/22																				
	Sat	5/21/22																				
4	Sun	5/22/22																				
	Mon	5/23/22																				
	Tue	5/24/22																				
	Wed	5/25/22	0.0																			
	Thu	5/26/22																				
	Fri	5/27/22																				
	Sat	5/28/22																				
5	Sun	5/29/22																				
	Mon	5/30/22																				
	Tue	5/31/22	0.0																			

Statistics for DMR

Daily Minimum (Conc.):																						
Daily Maximum (Conc.):																						
Max Avg Weekly (Conc.):																						
Avg Monthly (Conc.):																						
Geometric Mean (Conc.):																						
Max Avg Weekly (Load):																						
Avg Monthly (Load):																						
Total Monthly (Load):																						
Daily Minimum (Load):	0																					
Daily Maximum (Load):	0																					

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: 111 Outfall: 111  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH		TSS		Oil and Grease											
			1	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
Storage			MGD	q	S.U.	q	mg/L	q	mg/L	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																	
	Mon	5/2/22	0.002		7.0		6.6		< 5.3										
	Tue	5/3/22																	
	Wed	5/4/22																	
	Thu	5/5/22																	
	Fri	5/6/22																	
	Sat	5/7/22																	
2	Sun	5/8/22																	
	Mon	5/9/22	0.002		7.1		< 4.0		< 5.0										
	Tue	5/10/22																	
	Wed	5/11/22																	
	Thu	5/12/22																	
	Fri	5/13/22																	
	Sat	5/14/22																	
3	Sun	5/15/22	0.002		6.6		11.3		< 5.1										
	Mon	5/16/22																	
	Tue	5/17/22																	
	Wed	5/18/22																	
	Thu	5/19/22																	
	Fri	5/20/22																	
	Sat	5/21/22																	
4	Sun	5/22/22																	
	Mon	5/23/22																	
	Tue	5/24/22	0.002		7.5		< 4.0		< 4.8										
	Wed	5/25/22																	
	Thu	5/26/22																	
	Fri	5/27/22																	
	Sat	5/28/22																	
5	Sun	5/29/22																	
	Mon	5/30/22																	
	Tue	5/31/22																	
Statistics for DMR																			
Daily Minimum (Conc.):					6.6		< 4		< 4.8										
Daily Maximum (Conc.):					7.5		11.3		< 5.3										
Max Avg Weekly (Conc.):							11.3		< 5.3										
Avg Monthly (Conc.):							< 6.5		< 5.1										
Geometric Mean (Conc.):																			
Max Avg Weekly (Load):			0.002				0.2		< 0.09										
Avg Monthly (Load):			0.002				< 0.1		< 0.08										
Total Monthly (Load):			0.008				< 3		< 3										
Daily Minimum (Load):			0.002				< 0.07		< 0.08										
Daily Maximum (Load):			0.002				0.2		< 0.09										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/13/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 211  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Stage	Flow 1 MGD	pH		TSS		Oil and Grease		q	q	q	q	q	q	q	q	q	q
				RI	S.U.	RI	mg/L	RI	mg/L										
1	Sun	5/1/22																	
	Mon	5/2/22	0.002		6.8		12.8	<	5.3										
	Tue	5/3/22																	
	Wed	5/4/22																	
	Thu	5/5/22																	
	Fri	5/6/22																	
	Sat	5/7/22																	
2	Sun	5/8/22	0.002		6.1		6.2	<	5.2										
	Mon	5/9/22																	
	Tue	5/10/22																	
	Wed	5/11/22																	
	Thu	5/12/22																	
	Fri	5/13/22																	
	Sat	5/14/22																	
3	Sun	5/15/22	0.002		6.6		5.9	<	5.1										
	Mon	5/16/22																	
	Tue	5/17/22																	
	Wed	5/18/22																	
	Thu	5/19/22																	
	Fri	5/20/22																	
	Sat	5/21/22																	
4	Sun	5/22/22	0.002		7.2	<	4.0		4.8										
	Mon	5/23/22																	
	Tue	5/24/22																	
	Wed	5/25/22																	
	Thu	5/26/22																	
	Fri	5/27/22																	
	Sat	5/28/22																	
5	Sun	5/29/22																	
	Mon	5/30/22																	
	Tue	5/31/22																	

Statistics for DMR		Flow	pH	TSS	Oil and Grease
Daily Minimum (Conc.):		6.1	<	4	4.8
Daily Maximum (Conc.):		7.2		12.8	< 5.3
Max Avg Weekly (Conc.):				12.8	< 5.3
Avg Monthly (Conc.):			<	7.2	< 5.1
Geometric Mean (Conc.):					
Max Avg Weekly (Load):	0.002			0.2	< 0.09
Avg Monthly (Load):	0.002		<	0.1	< 0.09
Total Monthly (Load):	0.008		<	4	< 3
Daily Minimum (Load):	0.002		<	0.07	< 0.08
Daily Maximum (Load):	0.002			0.2	< 0.09

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: 301 Outfall: 301  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	TSS		Oil and Grease													
			1	RI	RI														
			MGD	q	mg/L	q	mg/L	q	q	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																	
	Mon	5/2/22																	
	Tue	5/3/22																	
	Wed	5/4/22	0.0																
	Thu	5/5/22																	
	Fri	5/6/22																	
	Sat	5/7/22																	
2	Sun	5/8/22																	
	Mon	5/9/22	0.0																
	Tue	5/10/22																	
	Wed	5/11/22																	
	Thu	5/12/22																	
	Fri	5/13/22																	
	Sat	5/14/22																	
3	Sun	5/15/22																	
	Mon	5/16/22																	
	Tue	5/17/22	0.0																
	Wed	5/18/22																	
	Thu	5/19/22																	
	Fri	5/20/22																	
	Sat	5/21/22																	
4	Sun	5/22/22																	
	Mon	5/23/22	0.0																
	Tue	5/24/22																	
	Wed	5/25/22																	
	Thu	5/26/22																	
	Fri	5/27/22																	
	Sat	5/28/22																	
5	Sun	5/29/22																	
	Mon	5/30/22																	
	Tue	5/31/22	0.0																

Statistics for DMR																			
Daily Minimum (Conc.):																			
Daily Maximum (Conc.):																			
Max Avg Weekly (Conc.):																			
Avg Monthly (Conc.):																			
Geometric Mean (Conc.):																			
Max Avg Weekly (Load):																			
Avg Monthly (Load):																			
Total Monthly (Load):																			
Daily Minimum (Load):	0																		
Daily Maximum (Load):	0																		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 303  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH		TSS		Oil and Grease												
			1	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
			MGD	q	S.U.	q	mg/L	q	mg/L	q	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																		
	Mon	5/2/22	0.0																	
	Tue	5/3/22																		
	Wed	5/4/22																		
	Thu	5/5/22																		
	Fri	5/6/22																		
	Sat	5/7/22																		
2	Sun	5/8/22																		
	Mon	5/9/22																		
	Tue	5/10/22																		
	Wed	5/11/22																		
	Thu	5/12/22	0.0																	
	Fri	5/13/22																		
	Sat	5/14/22																		
3	Sun	5/15/22																		
	Mon	5/16/22																		
	Tue	5/17/22	0.0																	
	Wed	5/18/22																		
	Thu	5/19/22																		
	Fri	5/20/22																		
	Sat	5/21/22																		
4	Sun	5/22/22																		
	Mon	5/23/22	0.0																	
	Tue	5/24/22																		
	Wed	5/25/22																		
	Thu	5/26/22																		
	Fri	5/27/22																		
	Sat	5/28/22																		
5	Sun	5/29/22																		
	Mon	5/30/22																		
	Tue	5/31/22	0.0																	

Statistics for DMP:

Daily Minimum (Conc.):																				
Daily Maximum (Conc.):																				
Max Avg Weekly (Conc.):																				
Avg Monthly (Conc.):																				
Geometric Mean (Conc.):																				
Max Avg Weekly (Load):																				
Avg Monthly (Load):																				
Total Monthly (Load):																				
Daily Minimum (Load):	0																			
Daily Maximum (Load):	0																			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 313  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH		TSS		Oil and Grease											
			1	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
			MGD	q	S.U.	q	mg/L	q	mg/L	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																	
	Mon	5/2/22	0.002		6.7		5.6	<	5.2										
	Tue	5/3/22																	
	Wed	5/4/22																	
	Thu	5/5/22																	
	Fri	5/6/22																	
	Sat	5/7/22																	
2	Sun	5/8/22																	
	Mon	5/9/22	0.002		6.8		5.8	<	5.2										
	Tue	5/10/22																	
	Wed	5/11/22																	
	Thu	5/12/22																	
	Fri	5/13/22																	
	Sat	5/14/22																	
3	Sun	5/15/22	0.002		6.7		6.4	<	5.1										
	Mon	5/16/22																	
	Tue	5/17/22																	
	Wed	5/18/22																	
	Thu	5/19/22																	
	Fri	5/20/22																	
	Sat	5/21/22																	
4	Sun	5/22/22																	
	Mon	5/23/22																	
	Tue	5/24/22	0.002		7.1	<	4.0	<	5.0										
	Wed	5/25/22																	
	Thu	5/26/22																	
	Fri	5/27/22																	
	Sat	5/28/22																	
5	Sun	5/29/22																	
	Mon	5/30/22																	
	Tue	5/31/22																	

Statistics for DMR																				
Daily Minimum (Conc.):			6.7	<	4	<	5													
Daily Maximum (Conc.):			7.1		6.4	<	5.2													
Max Avg Weekly (Conc.):					6.4	<	5.2													
Avg Monthly (Conc.):				<	5.5	<	5.1													
Geometric Mean (Conc.):																				
Max Avg Weekly (Load):	0.002				0.1	<	0.09													
Avg Monthly (Load):	0.002			<	0.09	<	0.09													
Total Monthly (Load):	0.008			<	3	<	3													
Daily Minimum (Load):	0.002			<	0.07	<	0.08													
Daily Maximum (Load):	0.002			<	0.1	<	0.09													

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 401  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH	TSS	Oil and Grease														
			1	RI	RI	RI														
Stage			MGD	q	S.U.	q	mg/L	q	mg/L	q	q	q	q	q	q	q	q	q	q	q
1	Sun	5/1/22																		
	Mon	5/2/22																		
	Tue	5/3/22	0.001		7.9	<	4.0	<	5.1											
	Wed	5/4/22																		
	Thu	5/5/22																		
	Fri	5/6/22																		
	Sat	5/7/22																		
2	Sun	5/8/22																		
	Mon	5/9/22	0.001		7.2	<	4.0	<	5.2											
	Tue	5/10/22																		
	Wed	5/11/22																		
	Thu	5/12/22																		
	Fri	5/13/22																		
	Sat	5/14/22																		
3	Sun	5/15/22																		
	Mon	5/16/22																		
	Tue	5/17/22	0.001																	
	Wed	5/18/22																		
	Thu	5/19/22																		
	Fri	5/20/22																		
	Sat	5/21/22																		
4	Sun	5/22/22																		
	Mon	5/23/22	0.001																	
	Tue	5/24/22																		
	Wed	5/25/22																		
	Thu	5/26/22																		
	Fri	5/27/22																		
	Sat	5/28/22																		
5	Sun	5/29/22																		
	Mon	5/30/22																		
	Tue	5/31/22																		
Statistics for DMR																				
Daily Minimum (Conc.):					7.2	<	4	<	5.1											
Daily Maximum (Conc.):					7.9	<	4	<	5.2											
Max Avg Weekly (Conc.):						<	4.0	<	5.2											
Avg Monthly (Conc.):						<	4.0	<	5.2											
Geometric Mean (Conc.):																				
Max Avg Weekly (Load):			0.001			<	0.03	<	0.04											
Avg Monthly (Load):			0.001			<	0.03	<	0.04											
Total Monthly (Load):			0.004			<	1	<	1											
Daily Minimum (Load):			0.001			<	0.03	<	0.04											
Daily Maximum (Load):			0.001			<	0.03	<	0.04											

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022



**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 403  
Renewal application due **180 days** prior to expiration.  
This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	TSS	Oil and Grease	NH3-N	Total Chromium	Total Zinc	Hydrazine	Nalco H150M										
Stage			1	RI	RI	RI	RI	RI	RI	RI	RI	RI										
Week	Day	Date	MGD	q	S.U.	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	q	mg/L	
1	Sun	5/1/22																				
	Mon	5/2/22																				
	Tue	5/3/22																				
	Wed	5/4/22	0.0																			
	Thu	5/5/22																				
	Fri	5/6/22																				
	Sat	5/7/22																				
2	Sun	5/8/22																				
	Mon	5/9/22																				
	Tue	5/10/22																				
	Wed	5/11/22	0.0																			
	Thu	5/12/22																				
	Fri	5/13/22																				
	Sat	5/14/22																				
3	Sun	5/15/22																				
	Mon	5/16/22	0.0																			
	Tue	5/17/22																				
	Wed	5/18/22																				
	Thu	5/19/22																				
	Fri	5/20/22																				
	Sat	5/21/22																				
4	Sun	5/22/22	0.0																			
	Mon	5/23/22																				
	Tue	5/24/22																				
	Wed	5/25/22																				
	Thu	5/26/22																				
	Fri	5/27/22																				
	Sat	5/28/22																				
5	Sun	5/29/22																				
	Mon	5/30/22	0.0																			
	Tue	5/31/22																				

Statistics for DMR																					
Daily Minimum (Conc.):																					
Daily Maximum (Conc.):																					
Max Avg Weekly (Conc.):																					
Avg Monthly (Conc.):																					
Geometric Mean (Conc.):																					
Max Avg Weekly (Load):																					
Avg Monthly (Load):																					
Total Monthly (Load):																					
Daily Minimum (Load):	0																				
Daily Maximum (Load):	0																				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 661  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Flow	pH		TSS		Oil and Grease		NH3-N		Hydrazine										
			1	RI	RI	RI	RI	RI	RI	RI	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L
1	Sun	5/1/22																				
	Mon	5/2/22																				
	Tue	5/3/22																				
	Wed	5/4/22	0.0																			
	Thu	5/5/22																				
	Fri	5/6/22																				
	Sat	5/7/22																				
2	Sun	5/8/22																				
	Mon	5/9/22																				
	Tue	5/10/22																				
	Wed	5/11/22																				
	Thu	5/12/22																				
	Fri	5/13/22	0.0																			
	Sat	5/14/22																				
3	Sun	5/15/22																				
	Mon	5/16/22																				
	Tue	5/17/22	0.0																			
	Wed	5/18/22																				
	Thu	5/19/22																				
	Fri	5/20/22																				
	Sat	5/21/22																				
4	Sun	5/22/22																				
	Mon	5/23/22	0.0																			
	Tue	5/24/22																				
	Wed	5/25/22																				
	Thu	5/26/22																				
	Fri	5/27/22																				
	Sat	5/28/22																				
5	Sun	5/29/22																				
	Mon	5/30/22																				
	Tue	5/31/22	0.0																			

Statistics for DMR

Daily Minimum (Conc.):																						
Daily Maximum (Conc.):																						
Max Avg Weekly (Conc.):																						
Avg Monthly (Conc.):																						
Geometric Mean (Conc.):																						
Max Avg Weekly (Load):																						
Avg Monthly (Load):																						
Total Monthly (Load):																						
Daily Minimum (Load):	0																					
Daily Maximum (Load):	0																					

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Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Beaver Valley Power Station  
Municipality: Shippingport Borough County: Beaver  
Watershed: 20-B  
Laboratories: TestAmerica, BVPS Lab

Month: 5 (select number) Year: 2022  
Permit No.: \_\_\_\_\_ Outfall: 701  
Renewal application due 180 days prior to expiration.  
This permit will expire on: October 31, 2026

Week	Day	Date	Parameter	Flow	pH	TSS	Oil and Grease	NH3-N	Hydrazine											
			Stage	1	RI	RI	RI	RI	RI											
			MGD	q	S.U.	q	mg/L	q	mg/L	q	mg/L	q		q	q	q	q	q	q	q
1	Sun	5/1/22																		
	Mon	5/2/22																		
	Tue	5/3/22																		
	Wed	5/4/22		0.0																
	Thu	5/5/22																		
	Fri	5/6/22																		
	Sat	5/7/22																		
2	Sun	5/8/22																		
	Mon	5/9/22																		
	Tue	5/10/22																		
	Wed	5/11/22																		
	Thu	5/12/22																		
	Fri	5/13/22		0.0																
	Sat	5/14/22																		
3	Sun	5/15/22																		
	Mon	5/16/22																		
	Tue	5/17/22		0.0																
	Wed	5/18/22																		
	Thu	5/19/22																		
	Fri	5/20/22																		
	Sat	5/21/22																		
4	Sun	5/22/22																		
	Mon	5/23/22		0.0																
	Tue	5/24/22																		
	Wed	5/25/22																		
	Thu	5/26/22																		
	Fri	5/27/22																		
	Sat	5/28/22																		
5	Sun	5/29/22																		
	Mon	5/30/22																		
	Tue	5/31/22		0.0																
Statistics for DMR																				
Daily Minimum (Conc.):																				
Daily Maximum (Conc.):																				
Max Avg Weekly (Conc.):																				
Avg Monthly (Conc.):																				
Geometric Mean (Conc.):																				
Max Avg Weekly (Load):																				
Avg Monthly (Load):																				
Total Monthly (Load):																				
Daily Minimum (Load):				0																
Daily Maximum (Load):				0																

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: \_\_\_\_\_  
Title: Senior Nuclear Specialist Date: 6/14/2022

**ENCLOSURE D**

**SUPPLEMENTAL REPORT - COOLING WATER INTAKE MONITORING**

Facility Name: Beaver Valley Power Station - Unit 1  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: 20-B 20-D

Month: May Year: 2022  
 NPDES Permit No.: PA0025615  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

Day	Actual Intake Flow	Cooling Water Withdrawal	Make-Up Water	Blowdown Volume	Cycles of Concentration	Actual Through Screen Velocity		
	MGD	MGD	Million Gallons	Million Gallons	#	fps		
1					2.08			
2					2.67			
3					2.08			
4					2.19			
5					1.83			
6					1.71			
7					1.59			
8					1.8			
9					1.35			
10					1.19			
11					1.2			
12					1.22			
13					1.14			
14					1.5			
15					2.36			
16					1.81			
17					1.8			
18					1.81			
19					2.17			
20					2.1			
21					1.65			
22					1.57			
23					1.57			
24					1.46			
25					1.45			
26					1.48			
27					1.48			
28					1.66			
29					1.2			
30					1.47			
31					1.39			
Average					1.7			
Maximum					2.7			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 5/31/2022

**SUPPLEMENTAL REPORT - COOLING WATER INTAKE MONITORING**

Facility Name: Beaver Valley Power Station - Unit 2  
 Municipality: Shippingport Borough County: Beaver  
 Watershed: 20-B 20-D

Month: May Year: 2022  
 NPDES Permit No.: PA0025615  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: October 31, 2026

Day	Actual Intake Flow	Cooling Water Withdrawal	Make-Up Water	Blowdown Volume	Cycles of Concentration	Actual Through Screen Velocity		
	MGD	MGD	Million Gallons	Million Gallons	#	fps		
1					2.01			
2					2.44			
3					2.06			
4					2.18			
5					2.13			
6					1.7			
7					1.7			
8					1.81			
9					1.45			
10					1.4			
11					1.4			
12					1.39			
13					1.34			
14					1.34			
15					2.07			
16					1.58			
17					1.55			
18					1.85			
19					2.03			
20					2.11			
21					1.55			
22					1.56			
23					1.51			
24					1.97			
25					1.47			
26					1.5			
27					1.52			
28					1.96			
29					1.47			
30					1.41			
31					1.69			
Average					1.7			
Maximum					2.4			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey  
 Title: Senior Nuclear Specialist

License No.: \_\_\_\_\_  
 Date: 5/31/2022

L-22-156

**ENCLOSURE E**



## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Energy Harbor Nuclear</u>							
Address: <u>P.O. Box 4</u>							
<u>Shippingport, PA 15077</u>							
<u>Beaver Valley Power Station</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0025615				2022	05	01	TO 2022 05 31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
Total Residual Chlorine	SM 4500-CL G [20 <sup>th</sup> ]	Beaver Valley Power Station	04-2742				
Free Available Chlorine	SM 4500-CL G [20 <sup>th</sup> ]	Beaver Valley Power Station	04-2742				
pH	SM 4500-H+ B [20 <sup>th</sup> ]	Beaver Valley Power Station	04-2742				
Temperature	SM 2550 B [20 <sup>th</sup> ]	Beaver Valley Power Station	04-2742				
Flow	NA	Beaver Valley Power Station	04-2742				
Total Suspended Solids (TSS)	SM 2540 D [20 <sup>th</sup> ]	Beaver Valley Power Station	04-2742				
Quaternary Amine Compounds	Photometric Determination	Beaver Valley Power Station	04-2742				
	1/2-CHM-ANA-4.23H						
Bentonite Detoxicant	Estimated using feed rate and discharge flow rate per NPDES Permit PA0025645	Beaver Valley Power Station	04-2742				
Hydrazine	ASTM D1385-01	Beaver Valley Power Station	04-2742				
Zinc	EPA 200.8 Rev 5.4	Eurofins - Pittsburgh Lab	02-00416				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer

Matthew J. Enos  
General Plant Manager

Phone: 724-682-7773Date: 6/27/2022

Signature of Principal Executive Officer or Authorized Agent

<sup>1</sup> Submit this form with the first Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes. You do not need to send this form to the Department again UNLESS there has been a change to the lab or method of analysis.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Energy Harbor Nuclear Operating Company</u>										
Address: <u>P.O. Box 4</u>										
<u>Shippingport, PA 15077</u>										
<u>Beaver Valley Power Station</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0025615				2022	05	01	TO	2022	05	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
<u>Copper</u>	<u>EPA 200.8 Rev 5.4</u>	<u>Eurofins -Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Iron</u>	<u>EPA 200.8 Rev 5.4</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Chromium</u>	<u>EPA 200.8 Rev 5.4</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Aluminum</u>	<u>EPA 200.8 Rev 5.4</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Cadmium</u>	<u>EPA 200.8 Rev 5.4</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Ammonia</u>	<u>EPA 350.1</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Oil and Grease</u>	<u>EPA 1664 Rev A</u>	<u>Eurofins - Canton Lab</u>	<u>68-00340</u>							
<u>Oil and Grease</u>	<u>EPA 1664 Rev B</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Mercury</u>	<u>EPA 245.1</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Phenolics</u>	<u>EPA 420.1</u>	<u>Eurofins - Pittsburgh Lab</u>	<u>02-00416</u>							
<u>Oil and Grease</u>	<u>EPA 1664 Rev B</u>	<u>Eurofins - Pensacola Lab</u>	<u>68-00467</u>							
<u>Oil &amp; Grease</u>	<u>EPA 1664 Rev A</u>	<u>Eurofins - Lancaster Lab</u>	<u>36-00037</u>							

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer

Phone: 724-682-7773Signature of Principal Executive Officer or  
Authorized Agent

Matthew J. Enos  
General Plant Manager

Date: 6/27/2022

<sup>1</sup> Submit this form with the first Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes. You do not need to send this form to the Department again UNLESS there has been a change to the lab or method of analysis.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.