



Beaver Valley Nuclear Power Plant
200 State Rt. 3016, P.O. Box 4
Shippingport, PA 15077

March 25, 2025
L-25-078

eDMR for Electronic Submission

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

SUBJECT:

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

Enclosed are the February 2025 NPDES Discharge Monitoring Report (DMR), Chemical Additives Usage Forms, Daily Effluent Monitoring Forms and Cooling Water Intake Monitoring Forms in accordance with the requirements set forth in the site NPDES permit.

A review of the data indicates that no Part A NPDES effluent limits were exceeded during the monitoring period.

Should you have any questions regarding the enclosed documents, please direct them to Darren Bollman, at 724-682-7359.

Sincerely,

Robert J. Kristophel

Robert J. Kristophel (Mar 25, 2025 14:52 EDT)

Robert Kristophel
General Plant Manager

1625
NRR

Beaver Valley Nuclear Power Plant, Unit Nos. 1 and 2
L-25-078
Page 2

Enclosure(s):

- A. February 2025 DMR
- B. Chemical Additives Usage Forms
- C. Daily Effluent Monitoring Forms
- D. Cooling Water Intake Monitoring Forms

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



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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD									
YEAR			MO			DAY			
FROM			2025			02			TO

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	***	***	***	***	***	73.8	°F	1/day	I-S
	Permit Requirement	***	***	***	***	***	110 Daily Max	***	1/day	I-S
pH (00400)	Sample Measurement	***	***	***	6.1	***	7.8	S.U.	1/week	Grab
	Permit Requirement	***	***	***	6.0 Inst Min	***	9.0 IMAX	***	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
Phenolics, Total (32730)	Sample Measurement	***	***	***	***	.013	.014	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	1/week	24-Hr Composite
	Permit Requirement	***	***	***	***	2 Avg Mo	2 Daily Max	***	1/week	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	***	.0068	.0074	mg/L	2/month	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	2/month	Grab
Iron, Total (01045)	Sample Measurement	***	***	***	***	3.0	3.0	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	1/week	24-Hr Composite
	Permit Requirement	***	***	***	***	1.0 Avg Mo	1.0 Daily Max	***	1/week	24-Hr Composite
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	1.8	1.8	mg/L	2/month	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	2/month	Grab
Flow (50050)	Sample Measurement	17.5	20.7	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	***	***	***	***	Continuous	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	< .08	.2	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	1/week	24-Hr Composite
	Permit Requirement	***	***	***	***	.034 Avg Mo	.034 Daily Max	***	1/week	24-Hr Composite
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	< .03	.11	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	***	***	***	***	.2 Avg Mo	.2 Daily Max	***	2/month	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L	1/week	Grab
	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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
2025	02	01	FROM	2025	02	28
			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	.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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MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01	TO	2025	02	28	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
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	***	***	***	***	.7	.94	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	384	.487	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	***	***		***	.2 Avg Mo	.2 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
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

004
 OUTFALL NUMBER

Reporting Frequency: Monthly
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 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

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		
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Chromium, Total (01034)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	2 Avg Mo	2 Daily Max		1/week	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max		1/week	24-Hr Composite
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	***	***		***	***	***		1/week	Calculation
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.5 Avg Mo	1.25 IMAX		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		1/week	Grab
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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
2025	02	01	FROM	2025	02	28
			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	.016	.016	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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 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

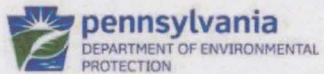
007
 OUTFALL NUMBER

Reporting Frequency: **Monthly**
 DMR Effective From: **02/01/2025**
 DMR Effective To: **02/28/2025**
 Permit Expires: **10/31/2026**
 Permit Application Due: **05/04/2026**
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

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		
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	***	.20 Daily Max		1/week	Grab
Nalco H150M (51698)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	2 Avg Mo	5 Daily Max		1/week	Grab
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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD									
YEAR			MO			DAY			
FROM			2025			02			TO
			01			2025			28

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	***	***	***	***	***	52.3	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	6.1	***	7.6	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	3.1	4.3	MGD	***	***	***	***	1/week	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	.05	mg/L	1/week	Grab
	Permit Requirement	***	***		***	***	.20 Daily Max		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	.05	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										



COMMONWEALTH OF PENNSYLVANIA
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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

011
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

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	***	***		***	.2 Avg Mo	.2 Daily Max		2/month	Grab
Facility Sampling Point Comments										



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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

012
 OUTFALL NUMBER

Reporting Frequency: **Monthly**
 DMR Effective From: **02/01/2025**
 DMR Effective To: **02/28/2025**
 Permit Expires: **10/31/2026**
 Permit Application Due: **05/04/2026**
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

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	***	7.2	S.U.	2/month	Grab
	Permit Requirement	***	***		8.0 Inst Min	***	9.0 IMAX		2/month	Grab
Cadmium, Total (01027)	Sample Measurement	***	***	***	***	< .001	< .001	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	***	.142	.21	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	.114	.17	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report 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										



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

PA0025615
 PERMIT NUMBER

013
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
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 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
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MONITORING PERIOD						
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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	***	***	***	7.6	***	7.7	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	***	.0109	.014	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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 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

101
 OUTFALL NUMBER

Reporting Frequency: **Monthly**
 DMR Effective From: **02/01/2025**
 DMR Effective To: **02/28/2025**
 Permit Expires: **10/31/2026**
 Permit Application Due: **05/04/2026**
 No Discharge: ☐

		MONITORING PERIOD						
		YEAR	MO	DAY		YEAR	MO	DAY
FROM		2025	02	01	TO	2025	02	28

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	***	7.9	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	***	***	***	***	< 4.9	< 4.9	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		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.023	.028	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		
	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: **02/01/2025**
 DMR Effective To: **02/28/2025**
 Permit Expires: **10/31/2026**
 Permit Application Due: **05/04/2026**
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

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	***	***	***	7.3	***	7.9	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	12.7	14.2	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 4.7	< 4.7	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

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

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	***	***	***	8.2	***	7.6	S.U.	2/month	Grab
	Permit Requirement	***	***		8.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	10.0	11.0	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	***	***	***	***	< 5.0	< 5.1	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.405	.501	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				108			
PERMIT NUMBER				OUTFALL NUMBER			

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01	TO	2025	02	28	

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

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) (50080)	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
 PERMIT NUMBER

111
 OUTFALL NUMBER

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2025	02	01	FROM	2025	02	28	TO

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

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	***	***	***	8.2	***	8.4	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	10.6	25.5	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 6.9	12.0	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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
2025	02	01	TO	2025	02	28

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	***	8.3	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 6.6	8.1	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.8	8.0	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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01	TO	2025	02	28	

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		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	***	***	MGD	***	***	***		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

303
 OUTFALL NUMBER

Reporting Frequency: **Monthly**
 DMR Effective From: **02/01/2025**
 DMR Effective To: **02/28/2025**
 Permit Expires: **10/31/2026**
 Permit Application Due: **05/04/2026**
 No Discharge: ☒

MONITORING PERIOD								
YEAR	MO	DAY		YEAR	MO	DAY		
FROM 2025	02	01		TO 2025	02	28		

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		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	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				313			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01		TO 2025	02	28	

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

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	***	8.1	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	9.2	13.0	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.3	6.3	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
 PERMIT NUMBER

401
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD									
YEAR	MO	DAY		YEAR	MO	DAY			
FROM 2025	02	01		TO 2025	02	28			

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	***	***	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	5.5	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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01	TO	2025	02	28	

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		Weekly when Discharging	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		Weekly when Discharging	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		Weekly when Discharging	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		Weekly when Discharging	Grab
Chromium, Total (01034)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	2 Avg Mo	2 Daily Max		Weekly when Discharging	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max		Weekly when Discharging	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	***	***		***	***	***		Weekly when Discharging	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	5 Avg Mo	1.25 IMAX		Weekly when Discharging	Grab
Nalco H150M (51698)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		Weekly when Discharging	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max		Weekly when Discharging	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

601
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01	TO	2025	02	28	

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	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***			
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)

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: 02/01/2025
 DMR Effective To: 02/28/2025
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2025	02	01	TO	2025	02	28	

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	***	***		8.0 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	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		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)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
DMR Cover Letter FEB 2025 - signed.pdf	Cover Letter	2025-03-25T15:08:13-04:00	
FEB 2025 DMR Daily Effluents.pdf	Daily Effluent Monitoring Form	2025-03-25T13:52:22-04:00	
FEB 2025 Cooling Water.pdf	Influent and Process Control Form	2025-03-25T14:36:20-04:00	
FEB 2025 Chemical Usage.pdf	Chemical Additives Usage Form	2025-03-25T13:50:21-04:00	

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

<p>*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).</p>	Robert Kristophel	TELEPHONE		DATE		
		(724)	682-7773	2025	03	26
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY