

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

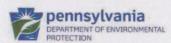
NRR

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)

001

OUTFALL NUMBER

DAY

28

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

	mirky i		MONITO	DRING	PERIOD	
	YEAR	МО	DAY		YEAR	МО
FROM	2025	02	01	то	2025	02

PA0025615

PERMIT 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:	

PARAMETER		QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION	4	SAMPLING FREQUENCY	SAMPLING TYP
PARAMETER	The Later St.	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
Temperature (deg F) (00011)	Sample Measurement	***	***	***		***	73.8	oF	1/day	1-\$
	Permit Requirement	***	**		***		110 Daily Max		1/day	1-8
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		
	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		TO THE PARTY OF THE PARTY
	Permit Requirement	***	***			2 Avg Mo	2 Daily Max		1/week	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	***	.0066	.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		
	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		The party of the party
	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	***	***		***	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		
	Permit Requirement		***		***	.007 Avg Mo	.007 Daily Max		1/week	Grab



### **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	002
PERMIT NUMBER	OUTFALL NUMBER
4777777	

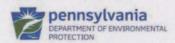
MONITORING PERIOD

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:	

YEAR MO DAY YEAR MO DAY FROM 2025 02 01 TO 2025 02

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
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										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

# DISCHARGE MONITORING REPORT (DMR)

OUTFALL NUMBER

MO DAY

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

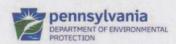
			MONITO	ORING	PERIOD	
	YEAR	МО	DAY		YEAR	
ROM	2025	02	01	то	2025	ŀ

PA0025615

PERMIT 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:	

PARAMETER	THE RESERVE TO STATE OF THE PARTY OF THE PAR	QUANTITY OR LOADING			(	QUANTITY OR C	ONCENTRATION		CAMPI INC EDECHENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TIPE
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	244		***	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		-								



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

### DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

 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

DAY

01 TO

YEAR MO

02

FROM 2025

004
OUTFALL NUMBER

YEAR MO

2025 02 28

DAY

DMR Effective To:
Permit Expires:
Permit Application Due:
No Discharge:

Reporting Frequency:

DMR Effective From:

Monthly
02/01/2025
02/28/2025
10/31/2026
05/04/2026

PARAMETER		QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION	1	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	***	oF.		The Market State of the
	Permit Requirement	**	**		***	***	110 Daily Max		1/day	1-8
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	PROFESSION OF THE PROPERTY OF	
	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	Monitor & Report Avg Mo	Monitor & Report Daily Max			***	***		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		-								



# 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

PA0025615	006
PERMIT NUMBER	OUTFALL NUMBER
MONITORII	NG PERIOD

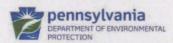
28

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:	

STAGE: Final Effluent

YEAR MO DAY YEAR MO DAY FROM 2025 02 01 TO 2025 02

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TIPE
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	F - 2 / N - 3 - 4	STEPLES Y		D. A. Carlot						1 1 1 1 1 1 1 1 1 1 1



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

PA0025615

PERMIT NUMBER

# 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

		100	MONITO	DRING	PERIOD		
	YEAR	МО	DAY	77.17	YEAR	МО	DAY
FROM	2025	02	01	то	2025	02	28

007

OUTFALL NUMBER

Monthly
02/01/2025
02/28/2025
10/31/2026
05/04/2026

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING EDECLIENCY	CAMPI INC TVD
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***		ok		
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***		***	*** S.U.	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	**	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	The same of the sa	
	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										



# **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER**

### **DISCHARGE MONITORING REPORT (DMR)**

**ENERGY HARBOR NUCLEAR CORP** NAME: 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 02/01/2025 DMR Effective From: 02/28/2025 DMR Effective To: Permit Expires: 10/31/2026 Permit Application Due: 05/04/2026 No Discharge:

	N. I.		MONITO	DRING	PERIOD		
	YEAR	МО	DAY	3	YEAR	МО	DAY
ROM	2025	02	01	то	2025	02	28
			_	1			_

PARAMETER	MI THE REAL PROPERTY.	QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION	4	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING ITPE
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	52.3	oF.	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	1-8
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		-						1 1 1 1 1 1 1		THE RESIDENCE OF THE PARTY.



# 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

LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE: Final Effluent

PA0025615	
PERMIT NUMBER	

MO DAY

02 01 TO

YEAR

FROM 2025

011
OUTFALL NUMBER

DAY

YEAR MO

2025 02 28

DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due:
No Discharge:

Reporting Frequency:

Monthly	
02/01/2025	
02/28/2025	
10/31/2026	
05/04/2026	

### PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	CAMPILING EDECUENCY	SAMPLING TYPE	
	31 100000000000000000000000000000000000	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
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
Pe	Permit Requirement	***	**		**	Avg Mo	.2 Daily Max		2/month	Grab
Facility Sampling Point Comments				VIII- III						A STATE OF THE STATE OF

MONITORING PERIOD



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

# DISCHARGE MONITORING REPORT (DMR)

012

PA0025615

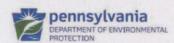
NAME:	ENERGY HARBOR NUCLEAR CORP
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077
STAGE:	Final Effluent

	PERMIT NUMBER OU		OUTF	ALL NU	JMBER	DMR Effective From:	02/01/2025		
				_				DMR Effective To:	02/28/2025
	100		MONITO	ORING	PERIOD			Permit Expires:	10/31/2026
				1				Permit Application Due:	05/04/2026
	YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	
FROM	2025	02	01	ТО	2025	02	28		

Reporting Frequency:

Monthly

PARAMETER		QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION	1	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TIPE
pH (00400)	Sample Measurement	***	***	***	7.1	***	7.2	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	200	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	A SI PART OF THE REAL PROPERTY.									CONTRACTOR OF THE PARTY OF THE



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

013

OUTFALL NUMBER

DAY

28

YEAR MO

2025 02

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

	PER	MIT NU	MBER		OUTF	
			MONITO	DRING	PERIOD	
	YEAR	МО	DAY		YEAR	
FROM	2025	02	01	TO	2025	l

PA0025615

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		QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION	V	SAMPLING FREQUENCY	CAMPI NO TVD
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TYPE
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								THE TANK		

TO



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

101

OUTFALL NUMBER

MO DAY

02 28

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

**Internal Monitoring Point** 

			MONITO	DRING	PERIOD
	YEAR	МО	DAY		YEAR
FROM	2025	02	01	то	2025

PA0025615

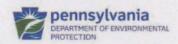
PERMIT NUMBER

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:	

### PARAMETERS REPORTED VALUES

STAGE:

PARAMETER		QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION	1	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	OAM LING TITE
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 FIRSTENERGY BEAVER VALLEY POWER STATION 1 FACILITY: LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077

**Internal Monitoring Point** 

PA0025615 PERMIT NUMBER

> MO DAY

02

01

YEAR

FROM 2025

102 OUTFALL NUMBER

MONITORING PERIOD YEAR MO DAY TO 2025 02 28 Reporting Frequency: Monthly DMR Effective From: 02/01/2025 02/28/2025 DMR Effective To: 10/31/2026 Permit Expires: Permit Application Due: 05/04/2026 No Discharge: 

### PARAMETERS REPORTED VALUES

STAGE:

PARAMETER		QUA	NTITY OR LOAD	ING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TIPE
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	VICE TO STATE OF THE STATE OF T	100000000000000000000000000000000000000		CONTRA TO						



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

PA0025615

PERMIT NUMBER

# 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

	MONITORING PERIOD												
	YEAR	МО	DAY		YEAR	МО	DAY						
FROM	2025	02	01	то	2025	02	28						

103

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:	

PARAMETER		QUA	NTITY OR LOAD	ING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TTP
pH (00400)	Sample Measurement			***	6.2	***	7.6	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 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				5						



# 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

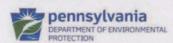
STAGE: Internal Monitoring Point

PA0025615	108	Reporting Frequency:	Monthly	
PERMIT NUMBER	OUTFALL NUMBER	DMR Effective From:	02/01/2025	
		DMR Effective To:	02/28/2025	
MONITORI	NG PERIOD	Permit Expires:	10/31/2026	

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2025
 02
 01
 TO
 2025
 02
 28

DARAMETER		QUANTITY OR LOADING			(	QUANTITY OR C	ONCENTRATION	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Weekly when Discharging	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***		***	***		***	mg/L	The second secon	
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		Weekly when Discharging	Grab
Facility Sampling Point Comments										111111111111111111111111111111111111111



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

111

OUTFALL NUMBER

MO DAY

02 28

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	N

	MONITORING I								
	YEAR	МО	DAY		YEA				
FROM	2025	02	01	то	202				

PA0025615

PERMIT NUMBER

Reporting Frequency:	Monthly
MR Effective From:	02/01/2025
MR Effective To:	02/28/2025
ermit Expires:	10/31/2026
ermit Application Due:	05/04/2026
lo Discharge:	

PARAMETER		QUA	QUANTITY OR LOADING			UANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER	A PARTY OF THE PAR	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
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										

ADDRESS:



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

ME:	ENERGY HARBOR NUCLEAR CORP	PA0025615
		A THE REAL PROPERTY OF THE PARTY OF THE PART

FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE: Internal Monitoring Point

168 E MARKET ST, AKRON OH, 44308-2014

C. T.		MONITO	DRING	PERIOD		
YEAR	МО	DAY		YEAR	МО	DAY
2025	02	01	то	2025	02	28
			YEAR MO DAY	YEAR MO DAY		YEAR MO DAY YEAR MO

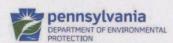
PERMIT NUMBER

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:	

PARAMETER		QUA	QUANTITY OR LOADING			UANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
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	a Property	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				CALL THE PERSON						



# 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

**Internal Monitoring Point** 

PA0025615
PERMIT NUMBER

301
OUTFALL NUMBER

02 28

DAY

 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:
 ✓

 YEAR
 MO
 DAY
 YEAR
 MO

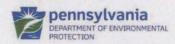
 FROM
 2025
 02
 01
 TO
 2025
 02

### PARAMETERS REPORTED VALUES

STAGE:

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N		CAMPINO TOP
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		Entra Print
	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	***	***		***	The second secon	A STATE OF THE PARTY OF THE PARTY.
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max			-			1/week	Estimate
Facility Sampling Point Comments					-					

MONITORING PERIOD



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

PA0025615

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	

	PERI	VIII NO	MDER		OUTFALL NUMBER					
			MONITO	DRING	PERIOD					
	YEAR	МО	DAY	1	YEAR	МО	DAY			
FROM	2025	02	01	то	2025	02	28			

303

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:	

PARAMETER		QUA	QUANTITY OR LOADING			UANTITY OR C	ONCENTRATIO	CAMPING EDECUENCY	CAMPINO TODA	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPI
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	The state of the s					7 7 7 7	1 1 1 1 1 1 1	Von Street Committee		



# 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

DAY

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:	П

YEAR MO DAY YEAR MO FROM 2025 02 01 TO 2025 02

PARAMETER		QUA	NTITY OR LOAD	ING	Q	UANTITY OR C	ONCENTRATIO	CAMPI INC EDECUENCY	CAMPING TOP	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPI
pH (00400)	Sample Measurement	***	***	***	7.2	***	8.1	S.U.	1/week	Grab
	Permit Requirement	***	844		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

PA0025615	401
PERMIT NUMBER	OUTFALL NUMBER
MONITORIN	NG PERIOD

YEAR

FROM 2025

MO DAY

01 TO

02

YEAR MO

2025 02 28

DAY

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:	

Internal Monitoring Point

### PARAMETERS REPORTED VALUES

STAGE:

DADAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
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								- TO THE R. P. LEWIS CO., LANSING		THE RESERVE OF THE PARTY OF THE



### **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

FIRSTENERGY BEAVER VALLEY POWER STATION 1 FACILITY: PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE: Internal Monitoring Point

LOCATION:

MONITORING PERIOD МО YEAR DAY FROM 2025 02 01 TO

PA0025615

PERMIT NUMBER

403									
OUTFALL NUMBE	R								

DAY

28

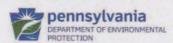
YEAR MO

2025 02 Reporting Frequency: DMR Effective From: DMR Effective To: Permit Expires: Permit Application Due:

No Discharge:

Monthly 02/01/2025 02/28/2025 10/31/2026 05/04/2026 V

PARAMETER		QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYP
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
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	Monitor & Report Avg Mo	Monitor & Report Daily Max		**	***	***		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				JUNE LAND					THE PERSON NAMED IN COLUMN TWO	Total Control of the



# 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

DAY

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:
 ✓

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

PARAMETER	THE RESERVE OF THE PARTY OF THE	QUA	NTITY OR LOAD	ING	(	QUANTITY OR C	ONCENTRATION		SAMPLING EDECLIENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
pH (00400)	Sample Measurement	***	***	***	***	***		S.U.		SHOW I WAS A
	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	The state of the s							
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement		***	***	***	***	***	mg/L		SECTION STATE
	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		A LOUIS AND A STATE OF THE PARTY OF THE PART
	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

PA0025615

PERMIT NUMBER

# **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

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

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:	

PARAMETER		QUA	NTITY OR LOAD	DING	(	QUANTITY OR C	ONCENTRATION	1	CAMPI INC EDECUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		The state of the state of the
	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	THE RESERVE OF THE PROPERTY OF	
	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		1						Maria I and T		CONTRACTOR OF THE PARTY OF THE



# 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

The state of the s											the same of the last of the same of the sa
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

### UNAUTHORIZED DISCHARGES

											the state of the s	The state of the s
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

### OTHER PERMIT VIOLATIONS

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

### COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number

### SUBMISSION INFORMATION

\*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).

	TELEPHO	ONE	DATE			
Robert Kristophel	(724)	682-7773	2025	03	26	
SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY	