

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

50-334

June 25, 2022 L-22-156

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eDMR for Electronic Submission

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

SUBJECT:

<u>Beaver Valley Power Station Discharge Monitoring Report (NPDES) Permit No. PA0025615</u>

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

TE25 NER Beaver Valley Power Station, Unit Nos. 1 and 2 L-22-156 Page 2

Enclosure(s):

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

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

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)

NAI	ME:
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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
DEDMIT NUMBER

FROM

OUTFALL NUMBER

		MONITO	DRING F	PERIOD		
'EAR	мо	DAY		YEAR	МО	DAY
2022	05	01	то	2022	05	31

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:		

PARAMETER			NTITY OR LOA				ONCENTRATIO		SAMPLING FREQUENCY	SAMPLING TYPE
FAIGHETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAM ENGTREGGENS!	OAIII LINO I II I
Temperature (deg F) (00011)	Sample Measurement	***	***	•••	***	•••	86.4	°F	1/day	I-S
	Permit Requirement	***	***		***	•••	110 Daily Max		1/day	ŀS
pH (00400)	Sample Measurement	***		***	7.5	***	8.0	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	***	***	***	•••	.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	***	***	i.	***	.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	•••	***		***	Manitor & 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	800			***	.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



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CORP		PA00256	315			002		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014	PER	MIT NUI	MBER	1	OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1				J				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077			MONITO	ORING F	FRIOD			Permit Expires:	10/31/2026
STAGE:	Final Effluent			-			r	1	Permit Application Due:	05/04/2026
		YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	П
	FR	3M 2022	05	01	то	2022	05	31		

PARAMETER		QUA	NTITY OR LOAI	DING	G	UANTITY OR C	ONCENTRATIC	N	SAMPLING FREQUENCY	SAMPLING TYPE	
FARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPENO PREGOENO	SAMI LING TIPE	
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)

NAME:	ENERGY HARBOR NUCLEAR CORP		P	A00256	15			003		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERN	IT NU	MBER	1	OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077	[MONITO	ORING F	PERIOD			Permit Expires:	10/31/2026
STAGE:	Final Effluent	}								Permit Application Due:	05/04/2026
			YEAR	мо	DAY		YEAR	МО	DAY	No Discharge:	
		FROM	2022	05	01	то	2022	05	31		ш

PARAMETER	1	QUA	NTITY OR LOAI	DING	(QUANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAWFLING FREQUENCY	OAIII EINO III L
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
P	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	***	***		7	,007 Avg Mo	.007 Dally 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

то

YEAR MO DAY

2022

DAY

01

 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	

05

YEAR MO

FROM | 2022

004 OUTFALL NUMBER

05 31

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

Monthly		
05/01/2022		
05/31/2022		
10/31/2026		
05/04/2026		

PARAMETER		QUA	NTITY OR LOAI	DING	0	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING (1F)
Temperature (deg F) (00011)	Sample Measurement		•••	***	***	***		٩F		
	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 Dally 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		P	A00256	15			006		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERM	UIT NUI	/BER		OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077				MONITO	ORING F	PERIOD			Permit Expires:	10/31/2026
STAGE:	Final Effluent		- 1						Π	Permit Application Due:	05/04/2026
			YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	П
		FROM	2022	05	01	то	2022	05	31		

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON .	SAMPLING FREQUENCY	SAMPLING TYPE	
	İ	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCT	SAMPLING TIPE	
Flow (50050)	Sample Measurement	.016	.0016	MGD	***	***	•••	***	1/week	Estimale	
	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)

MONITORING PERIOD

TO

YEAR

2022

 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

05 01

YEAR MO DAY

FROM 2022

007 OUTFALL NUMBER

MO DAY

05

31

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

Monthly	
05/01/2022	
05/31/2022	
10/31/2026	
05/04/2026	

PARAMETER		QUA	NTITY OR LOAD	DING	Q	UANTITY OR C	ONCENTRATIO	N	CAMPI NO ERFOUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	
Temperature (deg F) (00011)	Sample Measurement	***		***	***	•••		°F		
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***		***	400	***	***	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	***	***		260	***	.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					L		<u> </u>		<u> </u>	



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

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

	P	A00256	15			010		Reporting Frequency:	Monthly	
	PER	MIT NUI	MBER	1	OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022	
				J			-	DMR Effective To:	05/31/2022	
			MONITO	DRING	PERIOD			Permit Expires:	10/31/2026	
			r		T			Permit Application Due:	05/04/2026	
	YEAR	МО	DAY		YEAR	мо	DAY	No Discharge:		
FROM	2022	05	01	то	2022	05	31		<u> </u>	

DADAMETER		QUA	NTITY OR LOAD	DING	0	QUANTITY OR C	CONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		SAMPLING TIPE
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	***	***		6.0 Inst Min	***	9.0 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
oral residual childrine (Tree) (access)	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			·							



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CORP		P/	A00256	15			011		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERM	AUN TIN	MBER	[OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077				MONITO	RING P	ERIOD			Permit Expires:	10/31/2026
STAGE:	Final Effluent									Permit Application Due:	05/04/2026
			YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	П
		EDOM	2022	05	04	70	2022	0E	24	1	<u> </u>

PARAMETER		QUA	NTITY OR LOAD	DING		UANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TIFE
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	444	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	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		P	A00256	15			012		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERM	/iT NU	MBER	1	OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077				MONITO	RING F	PERIOD			Permit Expires:	10/31/2026
STAGE:	Final Effluent				I				I	Permit Application Due:	05/04/2026
			YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	
		FROM	2022	05	01	то	2022	05	31		<u> </u>

PARAMETER		QUA	NTITY OR LOAD	DING	0	QUANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	
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	***	111		***	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 Ma	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		***		***	1	2/month	Estimate



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CORP	P	A00256	15			013		Reporting Frequency:	Monthly	 	
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014	PERI	MIT NUN	/BER		OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022		
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1	<u> </u>	_		J				DMR Effective To:	05/31/2022		
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077	MONITORING PE					_		Permit Expires:	10/31/2026		
STAGE:	Final Effluent	T-1				1			Permit Application Due:	05/04/2026		
		YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	П		
	EDON	1 2022	05	04	TO	2022	ΛE	24		<u> </u>	 	_

PARAMETER		QUA	NTITY OR LOAI	DING	(QUANTITY OR C	ONCENTRATIC	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAWFLING FREQUENCY	SAMPLING ITE	
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		***	***	h+++		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

	F	A00256	15	1		101		Reporting Frequency:	Monthly
	PER	MIT NU	MBER	1	OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
	MONITORING PERIOD						DMR Effective To:	05/31/2022	
					Permit Expires:	10/31/2026			
				1	Permit Application Due:	05/04/2026			
	YEAR	EAR MO DAY YEAR MO DA		DAY	No Discharge:				
FROM	2022 05 01 TO 2022 05 31		-						

PARAMETER		QUA	NTITY OR LOAI	DING		QUANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP	
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	Greb	
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	.007	.009	MGD	***	***		144	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		1		· ·							



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CORP		P	A00256	15			102		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERM	NIT NU	MBER		OUTF	ALL NU	JMBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					_				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077				MONITO	DRING I	PERIOD			Permit Expires:	10/31/2026
STAGE:	Internal Monitoring Point					ı —		T	T	Permit Application Due:	05/04/2026
			YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:	
		FROM	2022	05	01	то	2022	05	31		

PARAMETER		QUA	NTITY OR LOAD	ING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING EDECUENCY	CAMPI ING TVD
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
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		PA0025615					103		Reporting Frequency:	Monthly	
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERMIT NUME				OUTF	ALL NUI	MBER	DMR Effective From:	05/01/2022	
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	05/31/2022	
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077		MONITORING							Permit Expires: Permit Application Due:	10/31/2026	
STAGE:	Internal Monitoring Point	}									05/04/2026	
			YEAR	AR MO	DAY		YEAR	. MO	DAY	No Discharge:	П	
		EDOM	2022	05	01	TO	2022	06	24	1	<u> </u>	

PARAMETER		QUA	NTITY OR LOAD	DING	0	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	CAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TYPE
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	***	424		***	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		'	·1 <u>-</u>						·	



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	
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FROM 2022

Reporting Frequency: TFALL NUMBER

108

31

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

Monthly 05/01/2022 05/31/2022 10/31/2026 05/04/2026 \square

PARAMETERS REPORTED VALUES

PARAMETER		QUA	NTITY OR LOAD	ING	(QUANTITY OR C	ONCENTRATION	1	SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING ITPE
· · ·	Sample Measurement	***		MGD	•••		•••	***		
	Permit Requirement	Monitor & Report Avg Mo	Report Monitor & Report		•••	***	***		Weekly when Discharging	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***		mg/L		
	Permit Requirement	424	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		Weekly when Discharging	Grab
Facility Sampling Point Comments			L- 1			1				

MONITORING PERIOD

YEAR МО DAY

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CORP		P	400256	15			111		Reporting Frequency:	Monthly			
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERMIT NUMBER			1	OUTF	ALL NUI	MBER	DMR Effective From:	05/01/2022			
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					l				DMR Effective To:	05/31/2022			
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077						ORING PERIOD			Permit Expires:	10/31/2026			
STAGE:	Internal Monitoring Point	ŀ							Permit Application Due:	05/04/2026	_			
			YEAR	МО	DAY.		YEAR	MO	DAY	No Discharge:	П			
		EDOM	OM 2022 05 04			TO	2022	ns l	24		<u> </u>		 	_

PARAMETER		QUA	NTITY OR LOAD	DING	QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE VALUE		UNITS	SAMPLING FREQUENCY	SAMPLING TIPE
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 Ma	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments			I		· -	<u> </u>	d	·		



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			PA0025615 211				Reporting Frequency:	Monthly		
				1	OUTFALL NUMBER			DMR Effective From:	05/01/2022		
								DMR Effective To:	05/31/2022		
	MONITORING PERIOD							Permit Expires:	10/31/2026		
								Permit Application Due:	05/04/2026		
	YEAR MO DAY YEAR MO DAY			DAY	No Discharge:						
FROM	2022 05 01 TO 2022 05 31			<u> </u>							

PARAMETER		QUA	NTITY OR LOAD	ING	Q	UANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
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 (00556)	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		1 -	·						·	



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	

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05 01 TO

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FROM 2022

301 OUTFALL NUMBER

05 31

DAY

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

Monthly			
05/01/2022			
05/31/2022			
10/31/2026			
05/04/2026			

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING I TP
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						l .			· · · · · · · · · · · · · · · · · · ·	

MONITORING PERIOD

YEAR MO

2022



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

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YEAR MO

05 01 TO

FROM 2022

MONITORING PERIOD

YEAR

2022 05 31

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

Monthly	
05/01/2022	
05/31/2022	
10/31/2026	
05/04/2026	
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PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TVAF
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TYPE
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 Dally Max			***	***		1/week	Estimate
Facility Sampling Point Comments		•		-					·	



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

FROM 2022

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				Reporting Frequency:	Monthly		
PERMIT NUMBER			OUTF.	ALL NU	MBER	DMR Effective From:	05/01/2022		
			J				DMR Effective To:	05/31/2022	
MONITORING PERIOD							Permit Expires:	10/31/2026	
							Permit Application Due:	05/04/2026	
YEAR MO		DAY		YEAR MO DAY		DAY	No Discharge:		

PARAMETERS REPORTED VALUES

DADAMETED		QUA	NTITY OR LOAD	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITE	
pH (00400)	Sample Measurement	***	***	***	6.7	***	7.1	S.U,	1/week	Grab	
	Permit Requirement	***	•••		6.0 Inst Min	***	9.0 (MAX		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		4	<u></u>						· · · · · · · · · · · · · · · · · · ·		

TO 2022 05 31



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CORP		P	400256	15			401		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON OH, 44308-2014		PERM	AIT NUN	MBER	1	OUTF	ALL NU	MBER	DMR Effective From:	05/01/2022
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	05/31/2022
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077				MONITO	ORING F	PERIOD			Permit Expires:	10/31/2026
STAGE:	Internal Monitoring Point		1							Permit Application Due:	05/04/2026
			YEAR	мо	DAY		YEAR	МО	DAY	No Discharge:	П
		FDOM	2022		04	TO	2022	O.E.	24		<u> </u>

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 ITPE
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	rng/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

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DAY

Reporting Frequency: DMR Effective From: DMR Effective To: Permit Expires:

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Monthly 05/01/2022 05/31/2022 10/31/2026 05/04/2026

YEAR МО DAY FROM 2022 05 01

YEAR МО 2022 то

MONITORING PERIOD

Permit Application Due: No Discharge:

PARAMETER		QUA	NTITY OR LOAI	DING	•	QUANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYP
FARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING IT
pH (00400)	Sample Measurement	***	***	***	***	***	•••	s.v.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		Weekly when Discharging	Grab
Total Suspended Solids (00530)	Sample Measurement	111	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Ma	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	***		***	***	***	4	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Dally 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	i i i i i i i i i i i i i i i i i i i	
	Permit Requirement	•••	***		***	.007 Avg Mo	.007 Daily Max		Weekly when Discharging	Grab



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

YEAR MO DAY

2022 05 31

 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

YEAR MO DAY

05 01 TO

FROM 2022

601
OUTFALL NUMBER

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

Reporting Frequency:

Monthly		
05/01/2022		
05/31/2022		
10/31/2026		
05/04/2026		
	•	

PARAMETER	į.	QUA	NTITY OR LOAD	DING		QUANTITY OR C	ONCENTRATIO	N	CAMPING EDECUENCY	SAMPLING TYPE
FARAMETER		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 1MAX		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		1.					l		<u> </u>	



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

FROM 2022 05

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

P	A00256	15			701		Reporting Frequency:	Monthly	
PER	MIT NUI	MBER	1	OUTF.	ALL NU	MBER	DMR Effective From:	05/01/2022	
			J				DMR Effective To:	05/31/2022	
		MONITO	DRING F	PERIOD			Permit Expires:	10/31/2026	
							Permit Application Due:	05/04/2026	
YEAR	МО	DAY		YEAR	МО	DAY	No Discharge:		
-			ł				4	I √ 1	

PARAMETERS REPORTED VALUES

PARAMETER		QUA	NTITY OR LOAI	DING	(QUANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP
pH (00400)	Sample Measurement		<i>"</i> "	***	***	***		S.U.		
	Permit Requirement	***	•••		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		234	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	•••	•••		•••		mg/L		
	Permit Requirement	4++	***		***	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					•	•			·	

TO

2022 05 31



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 Efluent 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

UNAUTHORIZED DISCHARGES

ſ	Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance	Event Location	Volume (gat)	Duration (hrs)	Receiving Waters Impact On V	aters Cause Of Discharge	Date and Time DEP Notified	Comments
-	•				Discharged			, ,	'	_	Orally	

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

SUBMISSION INFORM	IATION			_			
SUBMITTED BY GREENPORT USER		Matthau Enga	TELEPHO	NE		DATE	
	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		(724)	682-7773	2022	06	28
enosmj	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).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY

ENCLOSURE B



Municipality:

Watershed:

SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

Facility Name:

Beaver Valley Power Station - Unit 1

Ohio River

Shippingport Borough

County: Beaver Month: May NPDES Permit No.:

Year:

2022

PA0025615 Outfall: 001

Renewal application due 180 days prior to expiration.

This permit will expire on:

October 31, 2026

	I							Chemica	l Names							
Ji			Control Br	om CB-	Surfa	ctant	Dispersan	t Nalco	Acti l	Brom	Biocide	Nalco	Dechlo	rination	l	
ŀ	Bleach L	iquichlor.	70	0	Nalco	73550	3DT	-120	Nalco	1318	H-1	50M	Nalco	7408		
Day	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	Ì	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	i i	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		1	
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		Ì	
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).

Title: Senior Nuclear Specialist License No.:

Date:

5/31/2022



Facility Name: Municipality:

Watershed:

Beaver Valley Power Station - Unit 2

Shippingport Borough

Ohio River

County: Beaver Month: May

Year: Outfall: 2022

NPDES Permit No.: Renewal application due **180 days** prior to expiration.

PA0025615

001

This permit will expire on:

October 31, 2026

	Chemical Names Control Prom. CR. Surfactort Disparent Males Biography Notes B															
Į.			Control Br	om CB-	Surfa	ctant	Dispersant			Nalco	Dechlo	rination				
1	Bleach L	iquichlor.			Nalco	73550	3DT-	120	H15	0-M	Nalco	7408				
Day	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		I <u>.</u>			
13	259.0		28.0		0.0		34.0		0.0		0.0					
14	259.0		28.0		29.0	= 1/	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				ļ	
23	272.0		28.0		27.0		34.0		0.0		0.0				ļļ.	
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		<u> </u>			
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		L			
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						<u> </u>		<u></u>	

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	Harve	ey

Senior Nuclear Specialist Title:

License No.:

Date:

5/31/2022



Facility Name:	Beaver Valley power Station			Month:	May		Year:	2022	
Municipality:	Shippingport Borough	County:	Beaver	NPDES	Permit No.:	PA0025615	Outfall:	003	
Watershed:	Ohio River	•		Renewal	l application due	180 days prior to	expiration.		
				This peri	mit will expire on:	October 31.	2026		

										11110 point	iii wiii expii	0 011.	October			
								Chemic	al Names							
li .		iscalant			1				f						1	
_	Hypers		 		<u></u>	·····	<u> </u>		ļ				ļ		L.,	
Day	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	ibs	gallons	lbs	gallons	lbs	gallons	lbs
11	0.0														4	
2	0.52		.				!		i							
3	0.22		i													
4	0.19															
5	0.0															
6	0.49				I								i			
7	0.39		1													
8	0.0		<u> </u>		I										I	
9	0.49															
10	0.52				1											
11	0.39														į.	
12	0.0															
13	0.45								<u> </u>							
14	0.39															
15	0.0															
16	0.39															
17	0.45				L											
18	0.39								1							
19	0.0															
20	0.0	-					i									
21	0.78						[
22	0.13															
23	0.45															
24	0.06				1				!						1	
25	0.39				Î											
26	0.13										1					
27	0.49													-		
28	0.0															
29	0.13															
30	0.65	-														
31	0.33								i		l					
Average	0.3															
Maximum	0.8		1	_											` `	

Prepared By	: James Harvey	License No.:	
Title:	Senior Nuclear Specialist	Date:	6/9/2022



Facility Name:	Beaver Vallley Power Station	Month: May		Year:	2022			
Municipality:	Shippingport Borough	County:	Beaver	NPDES Permit No.:	PA0025615	Outfall:	010	

Watershed: Ohio River Renewal application due 180 days prior to expiration.

This permit will expire on: October 31, 2026

	Chemical Names															
			16	- 00												
	Sod		Control-Br		Biod Nalco I		NALC	rination	Corrosio NALCO				l			
D	Hypoc gallons	Ibs	gallons	lbs	gallons	1-15UIVI Ibs	gallons	1bs	gallons	Ibs	gallons	Ibs	gallons	lbs	gailons	lbs
Day 1	10.0	IDS	0.0	IDS	0.0	105	_	ins	_	IDS	galions	IDS	galions	IDS	ganons	เมธ
2	0.0		0.0		0.0		3.9 3.9		0.0						1	
3	10.0		0.0		0.0		3.9		0.0		 		-		 	
4	0.0		0.0		0.0		3.9		0.0		ļ					
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		1					
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						1	
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				Î			
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		<u> </u>		L		7.8								I	

Prepared By: James Harvey	License No.:
Title: Senior Nuclear Specialist	Date: 6/1/2022



DEPARTMENT	OF ENVIRONMENTAL PROTECTION				
Facility Name:	Beaver Valley Power Station -	Unit 1 Secondary	Month: May	Year:	2022
Municipality:	Shippingport Borough	County: Beaver	NPDES Permit No.: PA0025615	Outfall:	No Outfall
Watershed:	Ohio River		Penewal application due 180 days prior to	avniration	•

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

-	T				i			Chemic	al Names							
	Hydra		PT7													
Day	gallons	lbs	gallons	lbs	gallons	lbs	gallons	ibs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	4.0		0.0				<u>. </u>		ļ							
2	4.0		0.0			1										
3	4.0		0.0				L									
4	5.0		0.0						Į							
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				<u> </u>		!						-	
10	5.0		0.0				<u> </u>								1 1	
11	5.0		0.0				L									
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								l j				<u> </u>	
18	4.5		0.0								1.					_
19	4.5		0.0				1									
20	4.5		0.0								1					
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								T					
26	4.5	1	0.0											-		
27	4.5		0.0													
28	4.5		1.0						·							
29	4.5		0.0													
30	4.5		0.0		-				1							
31	4.5	_	0.0						 							
Average	4.6		0.2													
Maximum	5.0		1.5		· · · · · · · · · · · · · · · · · · ·		1		1		1 1		1		1	

Prepared By	: Jim Harvey	License No.:	
Title:	Senior Nuclear Specialist	Date:	5/31/2022



DEPARTMENT	P ENVIRONMENTAL PROTECTION				
Facility Name:	Beaver Valley Power Station -	Unit 2 Secondary	Month: May	Year:	2022
Municipality:	Shippingport Borough	County: Beaver	NPDES Permit No.: PA0025615	Outfall:	No Outfall
Watershed:	Ohio River		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

								Chemic	al Names							
Davi	Hydra gallons	azine Ibs	Monoetha PT7 gallons	000	gallons	lbs	gallone	lbs	gallons	lbs	gallons	lbs	gallona	lbs	gallons	lbs
Day 1	6.0	IDS	0.0	ıns	galions	Bal	gallons	IDS	galions	IDS	gallons	IDS	gallons	BS	galions	IDS
2	6.0		0.0						<u> </u>				-			
3	6.0		0.0													
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5	6.0		0.5				1				1	-				
6	6.0		0.5													
7	6.0	-	0.0													
8	6.0		0.0								 				-	
9	6.0		0.0				1									
10	6.0		0.0													
11	6.0		0.5		1		<u> </u>		1		1					
12	8.0		0.5				1		1		1					
13	8.0		0.5				1									
14	8.0		0.5						1							
15	8.0		0.5		i		 		I							
16	7.0		0.0				1 1		1							
17	6.5		0.0				1			. —						
18	6.0		0.0	-			Î î		1							
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21	6.0		0.5												1	
22	6.0		1.0				1									
23	6.0		1.0							-						
24	6.0		0.0													
25	6.0		0.0													
26	6.0		0.0													
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29	6.0		1.0													L <u>-</u>
30	5.5		0.5													<u> </u>
31	5.5		1.0													
Average	6.3		0.3													
Maximum	8.0		1.0										I			

Prepared By	: Jim Harvey	License No.:	
Title:	Senior Nuclear Specialist	Date:	5/31/2022

ENCLOSURE C



3800-FM-BCW0435 3/2012

Facility Name: Municipality: Watershed: Laboratories:

Beaver Valley Power Station
Shippingport Borough
20-B County:

Beaver

Month: 5 (select number) Permit No.:

Year: Outfall:

2022 001

Rene This

ewal application due 180	days prior to expiration.
permit will expire on:	October 31, 2026

Vatershed: aboratories:	Z0-E Tes	tAmerica, B	VPS L	ab	0 88				-	Renewal app This permit w	ill ex	pire on:		ber 31, 2026						warron ugg a g										
	Parameter	Flow		рН		TRC	F	ree Available Chlorine	,	emperature		NH3-N	То	tal Aluminum		al Chromium		otal Copper		Total Iron	1	otal Mercury		Total Zinc		Hydrazine	1	Naico H150M	Tot	ta! Phenoli
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/eek Day		MGD	Q	S.U.	Q	mg/L	Q	mg/L	a	°F	Q	mg/L	a	mg/L	a	mg/L	a	mg/L	a	mg/L	Q	mg/L	Q	mg/L	a	mg/L	Q	mg/L	a	mg/L
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Wed	5/11/22	27.8					<		-	73.1							! —				1	ļ	4_	ļ	⊢		-		\longrightarrow	
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Prepared By:	James Harvey	License No	o.:	
Title:	Senior Nuclear Specialist	Date:	6/2/2022	



3800-FM-BCW0435 3/2012

Facilit	y Name
Munic	ipality:
Water	shed:
Lobos	atorion

Beaver Valley Power Station			Month: 5 (select number)	Year, 2022	
Shippingport Borough	County:	Beaver	Permit No.;	Outfall: 002	-
20-B			Renewal application due 180 (days prior to expiration.	-
ToctAmorica BV/DS Lab			This namit will evoire on:	Octobor 24, 2026	

Lab	oratories:	Test	America, B	VPS L	ab					This permit v	ill expire on:	2	October 31, 2026																
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Prepared By:	James Harvey	License No	0.:
Title:	Senior Nuclear Specialist	Date:	6/2/2022



3800-FM-BCW0435 3/2012

Facility Name:	В
Municipality:	SI
Watershed:	20

eaver Valley Power Station Month: 5 (select number) Year: 2022 Shippingport Borough 20-B County: Beaver Permit No.: Outfall: Renewal application due 180 days prior to expiration.

This permit will expire on:

October 31, 2026

	rshed: ratories:	Z0-B Test	America, B	VPS L	ab						This permit v	ill exp	oire on:		pnor to expira ober 31, 2026	auon.															
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Prepared By:	James Harvey	License No).:
Title:	Senior Nuclear Specialist	Date:	6/16/2022



SUPPLEMENTAL REPORT

DAILY EFFLUENT MONITORING

3800-FM-BCW0435 3/2012

Facility Name: Municipality: Watershed: Laboratories:

Beaver Valley Power Station Shippingport Borough 20-B TestAmerica, BVPS Lab Beaver

Month: 5 (select number) Permit No.:

Year: Outfall:

2022

Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

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



3800-FM-BCW0435 3/2012

Facility Name:	Beaver Valley Power Station			Month:	5 (select number)	Year:	2022
Municipality:	Shippingport Borough	County:	Beaver	 Permit No.:	<u> </u>	Outfall:	006
Watershed:	20-B			 Renewal ap	plication due 180	days prior to exp	iration.
Laboratories:	TestAmerica, BVPS Lab			This permit	will expire on:	October 31, 202	6

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



3800-FM-BCW0435 3/2012

Facility Name:	Beaver Valley Power Station			Month: 5 (select number)	Year:	2022	
						2022	_
Municipality:	Shippingport Borough	County:	Beaver	Permit No.:	Outfall:	007	
Watershed:	20-B	-		Renewal application due 180 d	avs prior to expir	ration.	_
Laboratories:	TestAmerica, BVPS Lab			This permit will expire on:	October 31, 2026	1	

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



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: 010	
Watershed:	20-B	Renewal application due 180	days prior to expiration.	
Laboratories:	TestAmerica, BVPS Lab	This permit will expire on:	October 31, 2026	

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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 be 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 impressment for knowledge displacing. See 18 PA. CS. § 3400 (Feldsing to unswend) reliabling to the property indicated and the second of the property of the propert

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



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:	011	
Watershed:	20-B				Renewal applic	cation due 180 day	s prior to exp	iration.	
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Prepared By:	James Harvey	License No.:
Title:	Senior Nuclear Specialist	Date:



TestAmerica, BVPS Lab

SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

3800-FM-BCW0435 3/2012

Facility Name:
Municipality:
Watershed:
Laboratories:

Beaver Valley Power Station Shippingport Borough 20-B County: Beaver

Month: Permit No.:

Year: Outfall:

2022

Renewal application due 180 days prior to expiration.

This permit will expire on:

October 31, 2026

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Prepared By:	James Harvey	License No.	<i>:</i>
Title:	Senior Nuclear Specialist	Date:	6/13/2022



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:	013
Watershed:	20-B			 Renewal applic	ation due 180 d	ays prior to exp	iration.
Laboratories:	TestAmerica, BVPS Lab			This permit will	expire on:	October 31, 202	6

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



TestAmerica, BVPS Lab

SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

3800-FM-BCW0435 3/2012

Facility Name:
Municipality:
Watershed:
Laboratories:

Beaver Valley Power Station Shippingport Borough 20-B Month: Year: 2022 County: Beaver Permit No.: Outfall:

Permit No.: Outfall: 101
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

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



3800-FM-BCW0435 3/2012

Facility Name:	
Municipality:	3
Materchad	7

Laboratories:

Beaver Valley Power Station			Month:	5	(select number)	Year:	2022
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Prepared By:	James Harvey	License No	ı :
Title:	Senior Nuclear Specialist	Date:	6/13/2022



3800-FM-BCW0435 3/2012

Facility Name:	Beaver Valley Power Station			Month: 5 (sel	ect number)	Year:	2022	
Municipality:	Shippingport Borough	County:	Beaver	Permit No.:		Outfall:	103	
Watershed:	20-B			Renewal application	due <u>180 days</u>	prior to exp	iration.	
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Laboratories;	TestAlli	enca, BVI	-S Lab		_				· Inis penni	. **********	.p.10 011.	October 31, 2026												 		
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Prepared By:	James Harvey	License No.	
Title:	Senior Nuclear Specialist	Date:	6/13/2022



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:	108	
Watershed:	20-B				Renewal applic	ation due 180 c	lays prior to expi	ration.	
Laboratories:	TestAmerica, BVPS Lab				This permit will	expire on:	October 31, 2026	š	

Lab	oratories:	Testr	merica, By	/F3 L	<u> </u>	_	 	 Inis permit w	nii expire on.	OCIO	Der 31, 2026							_								
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Prepared By:	James Harvey	License No	o.:
Title:	Senior Nuclear Specialist	Date:	6/13/2022



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:	111
Watershed:	20-B			Renewal application di	ue 180 days prior to exp	piration.
Laboratories:	TestAmerica, BVPS Lab			This permit will expire of	on: October 31, 20	26

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



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:	211
Watershed:	20-B			Renewal application due 180 of	Tays prior to expira	tion.
Laboratories:	TestAmerica, BVPS Lab			This permit will expire on:	October 31, 2026	

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Prepared By:	James Harvey	License No	l:
Title:	Senior Nuclear Specialist	Date:	6/14/2022
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3800-FM-BCW0435 3/2012

Facility Name:
Municipality:
Watershed:

Beaver Valley Power Station			Month: 5 (select number)	Year: 2022	
Shippingport Borough	County:	Beaver	Permit No.:	Outfall: 301	_
20-B			Renewal application due 180 d	ays prior to expiration.	_
TestAmerica, BVPS Lab			This permit will expire on:	October 31, 2026	

Lab	oratories:	Test	America, B	VPS L	.ab					_	This permit w			ober 31, 2026																
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Prepared By:	James Harvey	License No	D.;	
Title:	Senior Nuclear Specialist	Date:	6/14/2022	



SUPPLEMENTAL REPORT

3800-FM-BCW0435 3/2012

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Facility Name:	Beaver Valley Power Station			Month: 5 (select number	r) Year:	2022
Municipality:	Shippingport Borough	County:	Beaver	Permit No.:	Outfall:	303
Watershed:	20-B			Renewal application due 18	0 days prior to exp	iration.
Laboratories:	TestAmerica, BVPS Lab			This permit will expire on:	October 31, 202	26

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



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SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

3800-FM-BCW0435 3/2012

Facility Name:	Beaver Valley Power Station
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Prepared By:	James Harvey	License No	o.:	
Title:	Senior Nuclear Specialist	Date:	6/14/2022	



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:	401	
Watershed:	20-B			Renewal application	on due <u>180 da</u>	vs prior to exp	iration.	
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Prepared By:	James Harvey	License No.	: <u> </u>
Title:	Senior Nuclear Specialist	Date:	6/14/2022



3800-FM-BCW0435 3/2012

Facility Name:	Daniel Malland Daniel Station			Marth. 8	Veen	2022	
racility Name.	Beaver Valley Power Station			Month: (select number)	Year:	_2022	
Municipality:	Shippingport Borough	County:	Beaver	Permit No.:	_ Outfall:	403	
Watershed:	20-B			Renewal application due 180 c	iavs prior to expir	ation.	
l aboratories:	TestAmerica, RVPS Lab			This permit will expire on:	October 31, 2026		

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inquiry of the person or persons who manage the		rmation, the information submitted is, I	o the best of my knowledge and belief, true, accurate and complete. I am aware § 4904 (relating to unsworn falsification).
Prepared By: Title:	James Harvey Senior Nuclear Specialist	License No. Date:	6/14/2022



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:	601
Watershed:	20-B			Renewal applicat	ion due 180 da	ys prior to expi	ration.
Laboratories:	TestAmerica, BVPS Lab			This permit will ex	xpire on:	October 31, 2020	3

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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 who manage the system or those persons derived in the person of the person or persons who manage the system or those persons who manage the system or these persons being the person of the person or the person of the pers

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



3800-FM-BCW0435 3/2012

Facility Name:	Beaver Valley Power Station			Month: 5 (select nur	mber) Year.	2022	
Municipality:	Shippingport Borough	County:	Beaver	Permit No.;	Outfall:	701	
Watershed:	20-B			Renewal application due	180 days prior to exp	ration.	
Laboratories:	TestAmerica, BVPS Lab			This permit will expire on:	October 31, 202	•	

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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 awar
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	D.:
Title:	Senior Nuclear Specialist	Date:	6/14/2022

ENCLOSURE D

2022

Year:



SUPPLEMENTAL REPORT - COOLING WATER INTAKE MONITORING

Facility Name:	Beaver Valley Power Station - Unit	t 1	Month: May
Municipality:	Shippingport Borough	County: Beaver	NPDES Permit No.: PA0025615

Watershed: 20-B 20-D Renewal application due 180 days prior to expiration.

This permit will expire on: October 31, 2026

	Actual Intake Flow	Cooling Water Withdrawal	Make-Up Water	Blowdown Volume	Cycles of Concentration	Actual Through Screen Velocity	
Day	MGD	MGD	Million Gallons	Million Gallons	#	fps	
1		Ì			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		
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15					2.36		
16				, _	1.81		
17					1.8		
18					1.81		
19					2.17	-	
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21					1.65		
22					1.57		
23					1.57		
24					1.46		
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26		<u>-</u> .			1.48	-	
27					1.48		
28					1.66		
29					1.2		
30					1.47		
31		 -			1.39	-	
Average					1.7		
Maximum	 				2.7		

Prepared By: James Harvey		License No.:		
Title:	Senior Nuclear Specialist	Date:	5/31/2022	



SUPPLEMENTAL REPORT - COOLING WATER INTAKE MONITORING

Facility Name:	Beaver Valley Power Station - Uni	t 2	Month: May	Year:	2022	
Municipality:	Shippingport Borough	County: Beaver	NPDES Permit No.: PA0025615			
Watershed:	20-B 20-D		Renewal application due 180 days prior to e	expiration.		

Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: October 31, 2026

					•	•		
	Actual Intake Flow	Cooling Water Withdrawal	Make-Up Water	Blowdown Volume	Cycles of Concentration	Actual Through Screen Velocity		
Day	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			

Prepared By: James Harvey		License No.:	
Title:	Senior Nuclear Specialist	Date:	5/31/2022

ENCLOSURE E



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

										
Permittee Name:	Energy Harb									
Address:	P.O. Box 4		· · · · · ·							
	Shippingpor	t, PA 15077								
	Beaver Valley Power Station									
	PERMIT NU	JMBER			MONITOI Year/	RING F Month/				
PA0025615			2022	05	01	то	2022	05	31	
PARAME	TER	ANALYSIS METHOD	<u>.</u>	LAB NAME			LABI	D NUMBE	R ²	
Total Residual	Chlorine	SM 4500-CL G [20 th]	Beaver Valley Power Station				04-2742			
Free Available Chlorine		SM 4500-CL G [20 th]	Beaver Valley Power Station				04-2742			
рН		SM 4500-H+ B [20 th]	Beaver Valley Power Station				04-2742			
Temperat	ture	SM 2550 B [20 th]	Beaver Valley Power Station				04-2742			
Flow		NA	Beaver Valley Power Station			04-2742				
Total Suspended S	Solids (TSS)	SM 2540 D [20 th]	Beaver Valley Power Station			04-2742				
Quaternary Amine	Compounds	Photometric Determination	Beaver Valley Power Station			04-2742				
		½-CHM-ANA-4.23H								
Bentonite Detoxicant Estimated using feed rate and discharge flow rate per NPDES Permit PA0025645		Beaver Valley Power Station 04-2742								
Hydrazir	ne	ASTM D1385-01	Beaver Valley Power Station			04-2742				
Zinc		EPA 200.8 Rev 5.4	Eurofii	ns - Pittsbur	gh Lab		02-00416			

Name/Title Principal Executive Officer	Phone: 724-682-7773	Signature of Principal Executive Officer or Authorized Agent
Matthew J. Enos General Plant Manager	Date: 6/27/2022	

¹ 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.

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

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: Energy Ha	rbor Nuclear Operating Compa	ny				. =				
Address: P.O. Box 4	ddress: P.O. Box 4									
<u>Shippingp</u>	Shippingport, PA 15077									
<u>Beaver Va</u>	Beaver Valley Power Station									
PERMIT I	NUMBER			MONITOR Year/i	RING P Month/i					
PA002	25615	2022	05	01	то	2022	05	31		
PARAMETER	ANALYSIS METHOD		LAB NAME	,		LABI	D NUMBE	R²		
Copper	EPA 200.8 Rev 5.4	Eurofir	ıs -Pittsbur	gh Lab		<u> </u>	2-00416	,		
Iron	EPA 200.8 Rev 5.4	Eurofir	ns - Pittsbur	gh Lab		Q	2-00416			
Chromium	EPA 200.8 Rev 5.4	Eurofir	ns - Pittsbur	gh Lab		Ō	2-00416			
Aluminum	EPA 200.8 Rev 5.4	Eurofir	ns - Pittsbur	gh Lab		Ō	2-00416			
Cadmium	EPA 200.8 Rev 5.4	Eurofir	ns - Pittsbur	gh Lab		Õ	2-00416			
Ammonia	EPA 350.1	Eurofir	ns - Pittsbur	gh Lab		02-00416				
Oil and Grease	EPA 1664 Rev A	Euro	fins - Canto	n Lab	-	6	8-00340			
Oil and Grease	EPA 1664 Rev B	Eurofins - Pittsburgh Lab				02-00416				
Mercury,	EPA 245.1	Eurofins - Pittsburgh Lab				Ō	2-00416			
Phenolics	EPA 420.1	Eurofins - Pittsburgh Lab				Q	2-00416			
Oil and Grease	EPA 1664 Rev B	Eurofins – Pensacola Lab				68-00467				
Oil & Grease	EPA 1664 Rev A	Eurofir	ns – Lancas	ter Lab		<u> </u>	6-00037			

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 possibly of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer

Matthew J. Enos
General Plant Manager

Phone: 724-682-7773

Date: 4/27/2522

Signature of Principal Executive Officer or Authorized Agent

¹ 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.

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