

January 21, 2021 L-21-043

Department of Environmental Protection Bureau of Water Quality Management Attention: DMR Clerk 400 Waterfront Drive Pittsburgh, PA 15222

SUBJECT:

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

Enclosed is the December 2020 NPDES Discharge Monitoring Report (DMR) for Energy Harbor Nuclear Corp, Beaver Valley Power Station (BVPS) in accordance with the requirement set forth in the site NPDES permit. Also enclosed is the DMR for 2020 annual reporting requirements. Attachment 1 to this letter is supplemental monitoring data for Outfall 001 (dissolved oxygen).

A review of the data indicates no permit parameters were exceeded during the month, however the required sampling frequency at Outfall 001 was not met. BVPS NPDES Permit (PA0025615) requires continuous, measured flow at Outfall 001. Outfall 001 flowmeter equipment malfunction occurred on September 8, 2020 resulting in no available flow data for the months of September through December. An internal notification was generated for equipment repair and repairs are in progress.

Included with this report are two Supplemental Laboratory Accreditation Forms for analyses performed to support permit requirements as required by 25 Pa. Code § 252.

Should you have any questions regarding the attached and enclosed documents, please direct them to Amy Savage, at 724-682-7359.

Sincerely.

Matthew J. Enos

General Plant Manager

Beaver Valley Power Station, Unit Nos. 1 and 2 L-21-043 Page 2

Attachment(s):

1. Weekly Dissolved Oxygen Monitoring Results at Outfall 001

Enclosure(s)

- A. Monthly Discharge Monitoring Report
- B. Annual Discharge Monitoring Report
- C. Supplemental Lab Accreditation Forms

Cc: Document Control Desk US NRC (NOTE: No new US NRC commitments are contained in this letter.)
US Environmental Protection Agency
Ms. Amanda Schmidt, PA DEP/Bureau of Water Quality Management

Discharge Monitoring Report Attachment for NPDES Permit No. PA0025615 Beaver Valley Power Station December 2020

ATTACHMENT 1

Weekly Dissolved Oxygen Monitoring Results at Outfall 001

The following supplemental dissolved oxygen monitoring data for Outfall 001 is provided as agreed.

SAMPLE DATE	SAMPLE TIME	VALUE	UNITS
12/06/2020	07:02 AM	8.00	mg/L
12/13/2020	08:42 AM	6.00	mg/L
12/25/2020	08:36 AM	7.00	mg/L
12/27/2020	08:56 AM	7.00	mg/L

- Attachment 1 END -



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name:	Energy Har	bor Nuclear Operating Compa	any		-			-	
Address:	P.O. Box 4								
	Shippingpo	rt, PA 15077							
	Beaver Val	ey Power Station							
	PERMIT N	UMBER			MONITO Year/	RING F Month/			
	PA002	5615	2020	12	01	то	2020	12	31
PARAMET	ER	ANALYSIS METHOD	1 3 3 3 3 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	AB NAME	The second		LÅB	D NUMBE	R ²
Zinc		EPA 200.7 Rev 4.4	Test Ame	erica-Pittsb	urgh Lab		0	2-00416	
Соррег	Test Ame	erica-Pittsb	urgh Lab		02-00416				
Iron EPA 200.7 Rev 4.4			Test Ame	erica-Pittsb	urgh Lab		0	2-00416	
Chromiur	n	EPA 200.7 Rev 4.4	Test Ame	erica-Pittsb	urgh Lab		0	2-00416	
Ammonia	9	SM 4500 NH3 F	Test America-Pittsburgh Lab 02-00416						
Cyanide		SM 4500-CN E	Test America-Pittsburgh Lab 02-00416						
Chlorobenz	ene	EPA 624	Test Ame	rica-Pittsb	urgh Lab		0:	2-00416	
Oll and Gre	ase	EPA 1664 Rev A	Test An	erica-Cant	ton Lab		6	8-00340	
Copper	Test Ame	02	2-00416						
Total Dissolved So	Test Ame	rica-Pittsb	urgh Lab		02	2-00416			
Oil and Grea	Test Ame	rica-Pittsbu	urgh Lab		02	2-00416			
1 1/5 1/4		<u> </u>							

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

Name/Title Principal Executive Officer	Phone: <u>724-682-7773</u>	Signature of Principal Executive Officer or Authorized Agent
Matthew J. Enos General Plant Manager	Date: 1/25/2021	

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 Har	bor Nuclear Operating Compa	any						
Address:	P.O. Box 4	··							
	Shippingpo								
	Beaver Vall	ey Power Station							
	PERMIT N	UMBER			MONITO Year/	RING F Month/			
	PA0028	5615	2020	12	01	то	2020	12	31
		I suggest that the second second							
PARAMET	ER	ANALYSIS METHOD	ر د د	LAB NAME		رم بال	/ LAB I	D NUMBE	R²
Total Residual (Chiorine	SM 4500-CL G [20 th]	Beaver '	Valley Powe	er Station		(04-2742	
Free Available (Beaver '	Valley Powe	er Station		()4-2742			
рН		Beaver \	/alley Powe	r Station		C	14-2742		
Temperatu	ıre	SM 2550 B [20*1]	Beaver \	/alley Powe	r Station		C	4-2742	
Flow		NA	Beaver \	/alley Powe	r Station		0	4-2742	
Total Suspended S	olids (TSS)	SM 2540 D [20 [±]]	Beaver \	/alley Powe	r Station		0	4-2742	
Quaternary Amine (Compounds	Photometric Determination	Beaver \	/alley Powe	r Station		0	4-2742	
		1/2-CHM-ANA-4.23H							
Bentonite Deto	xicant	Estimated using feed rate and discharge flow rate per NPDES Permit PA0025645	Beaver \	/alley Powe	r Station		0	4-2742	
Hydrazine	Beaver \	alley Powe	r Station		0	4-2742			

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	Phone: 724-682-7773	Signature of Principal Executive Officer or Authorized Agent
Matthew J. Enos General Plant Manager	Date: 1/25/2021	August de la constant

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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 CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP	. "				1					
ADDRESS	: 168 E MARKET ST, AKRON, OH , 44308-2014		PA	002561	5			001	1 1 1	Reporting Frequency:	Annually
			PERM	IT NUMI	BER		OUTFA	LL NUN	MBER	DMR Effective From:	01/01/2020
	FIRSTENERGY BEAVER VALLEY POWER STATION 1							:		DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY	1	YEAR	МО	DAY		
		FROM	2020	01	01	то	2020	12	31	Permit Application Due:	08/30/2006
										No Discharge:	

PARAMETER		QUANT	TTY OR LO	ADING	QUA	NTITYORC	ONCENTRA	TION		1
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Chambre Total (04004)	SAMPLE MEASUREMENT	***	***		***	<.005	<.005	O.W.O	2h saar	2012
Chromium, Total (01034)	PERMIT REQUIREMENT	2			A Library	.2	.2	mg/L	2/year	24-Hr Composite
	SAMPLE MEASUREMENT	***	Variation of			Anni Avg	Daily Max		2/year	24-Hr Composite
Zinc, Total (01092)	SAMPLE MEASUREMENT	-	***		***	<.020	<.020		2/year	24-Hr Composite
(0,000)	PERMIT REQUIREMENT	***	900		***	1.0	1.0	mg/L	A CONTRACTOR OF THE PARTY OF TH	Control of the Contro
Facility Comments	A STATE OF THE PARTY OF THE PAR	The second second			Some Sister Addition	Anni Avg	Daily Max		2/year	24-Hr Composite

3800-FM-BCW0462 12/2016 Pennsylvania DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		DA	002561	-	1 1				D	
ADDRESS	: 168 E MARKET ST, AKRON, OH , 44308-2014							004	1 1 1	Reporting Frequency:	Annually
	FIRSTENERGY BEAVER VALLEY POWER STATION 1		PERM	IT NUM	BER		OUTFA	LL NUM	IBER	DMR Effective From:	01/01/2020
										DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	
		FROM	2020	01	01	700	2020	12	31	Pennit Application Due:	0d3d200
						ן ייי				No Discharge:	

PARAMETER		QUANT	TTY OR LO	ADING	QUA	NTITYORC	ONCENTRA	TION		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Characters Total (04004)	SAMPLE MEASUREMENT	***	***		***	<.005	<.005	O. W.	26.000	
Chromium, Total (01034)	PERMIT REQUIREMENT	200	100		***	.2	.2	mg/L	2/year	Grab
	SAMPLE MEASUREMENT	AND	***			Anni Avg	Daily Max	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2/year	Grab
Zinc, Total (01092)	CALLS OF STREET STREET, STREET	-	***	1	***	<.035	.049	1. 1.	2/year	Grab
· · · · · · · · · · · · · · · · · · ·	PERMIT REQUIREMENT	***	***			1,0	1.0	mg/L		PARTICIPATION OF THE PARTICIPA
Facility Comments			SOZE PAR			Anni Avg	Daily Max		2/year	Grab

3800-FM-BCW0462 12/2016 Pennsylvania DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR NUCLEAR CO	RP			0000045		- 1					-		A	
ADDRESS	. 160 E MADVET OT AVDOM ON	44000 004		PA	0025615				012		Reportin	g Frequ	ency:	Annually	
ADDRESS	168 E MARKET ST, AKRON, OH,			PERM	IT NUMBE	R		OUTFAL	LL NUM	IBER	DMR Eff	ective F	rom:	01/01/2020	٠
FACILITY:	FIRSTENERGY BEAVER VALLEY	POWER STATION 1									DMR Eff	ective To	o:	12/31/2020	
LOCATION	PA ROUTE 168, SHIPPINGPORT,	PA , 15077				MONITORII	NG	PERIOD			Permit E			12/27/2006	
STAGE:	Final Effuent			YEAR	МО	DAY		YEAR	МО						
			FDOM	2020	01	04	_	2020			Permit A	pplication	on Due:	06/30/2006	
			FROM	2020	01	TC	o [2020	12	31	No Disch	arge:			
	DADAMETER		QUANT	TY OR LO	ADING	Т	_	OLIANTITY	OPC	ONCENTRA	ATION	Т			
	PARAMETER		VALUE	VALUE		VALUE	_	VALU		VALU		UNITS	SAM	PLING FREQUENCY	SAMPLING TYPE
		SAMPLE MEASUREMENT	***	***	00	***	+	<.005		<.00		DIAILO		24	
	Chromium, Total (01034)	PERMIT REQUIREMENT	***	***		900		Monitor & R		Monitor &		mg/L.		2/year	Grab
		SAMPLE MEASUREMENT	***	***				Anni Av		Daily N	Vlax			2/year	Grab
	Zinc, Total (01092)	CONTRACTOR SERVICES OF STATE O			i	***	1	<.040		.150				2/month	Grab
		PERMIT REQUIREMENT	2 17 Add 14	1 1				Monitor & R Anni Av	SHOP SHIP THE RESERVE	Monitor & Daily N		mg/L		2/yeer	Grab
	Easility Ossessed														

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CON	MEN	I DE	IAILS

Facility Comments

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER
			OF EIGHTOR CONTACT NUMBER



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA0025615				501			Reporting Frequency:	Monthly
ADDRESS	PERMI	T NI ME	RED		OUTFA		IDED.		12/01/2020		
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1	'	r Er dvii	THOME	JEN .		COTFA	LL NUM	BER		12/31/2020
LOCATION	PAROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	OPING	PERIOD				
STAGE:						ONNO					12/27/2006
			YEAR 2020	MO	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
	FROM			12	01	TO	2020	12	31	No Discharge:	

PARAMETER		QUANT	TY OR LOADING		QUAN	TITY OR C	ONCENTRA	TION	0.4451 N.O. 505-01-51-01-1		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
Total Commended Outlide (COTTO)	SAMPLE MEASUREMENT	***	***		***						
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***	***		000	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Gnib	
- (SAMPLE MEASUREMENT		1		***	***	***				
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD			***		1/week	Estimate	
Facility Comments							1				

<u> </u>	MMENT DETAILS			
	COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACTALLIANTER
			The state of the s	OPERATOR CONTACT NUMBER



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

	PA	1002561	5			001		Reporting Frequency:	Monthly
	PERM	IT NUM	BER		OUTFALL NUMBER			DMR Effective From:	12/01/2020
								DMR Effective To:	12/31/2020
		MONITORING PERIOD						Permit Expires:	12/27/2006
	YEAR	МО	DAY		YEAR	MO	DAY	Permit Application Due:	08/30/2006
ROM	2020	12	01	то	2020	12	31	No Discharge:	

PARAMETER	4.0	QUANTI	TY OR LOADING		QUANTITY OR CONCENTRATION					
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Dissolved Oxygen (00300)	SAMPLE MEASUREMENT	***	***		***	***	8.0		1/week	Grab
Dissolved Oxygen (00300)	PERMIT REQUIREMENT	***	***		***	400	Monitor & Report IMAX	mg/L	Monitor & Report	Monitor & Report
-11 (00400)	SAMPLE MEASUREMENT	***	***		8.1	***	8.3		1/week	Grab
pH (00400)	PERMIT REQUIREMENT	****	•••		6.0 Inst Min	èse	9,0 IMAX	8.U.	1/week	Grab
America Miles (COCAC)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
Ammonia-Nitrogen (00610)	PERMIT REQUIREMENT	***	***		-	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/wask	Grab
Chambril CC 4 (04074)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
Clamitrol CT-1 (04251)	PERMIT REQUIREMENT	***	··· . ••• ·		200	.034 Avg Mo	.034 Daily Max	mg/L	See Permit	24-Hr Composite
	SAMPLE MEASUREMENT	E	E		***	***	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	-000	***		Continuous	Measured
7.45 4.45	SAMPLE MEASUREMENT	***	460		*** 1	<.03	.04		1/week	Grab
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT		***		***	.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
Form Assilable Chloring (FORM)	SAMPLE MEASUREMENT	444	***		***	.05	.16		Continuous	Recorded
Free Available Chlorine (50064)	PERMIT REQUIREMENT	1000	. ***			.2 Avg Mo	.5 Daily Max	mg/L	Continuous	Recorded



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

Г	PARAMETER		QUANT	TYORLOA	DING	QUAN	TITY OR CO	ONCENTRAT	ION	SAMPLING FREQUENCY	SAMPLING TYPE
			VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TYPE
		SAMPLE MEASUREMENT	***	***	ì	作业者	GG	GG	AND THE PARTY OF T		
	Hydrazine (81313)	PERMIT REQUIREMENT	***	***	\$	***	,007 Avg Mo	.007 Daily Max	mg/L	1/week	Grab
	Facility Comments				The state of the s						



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP	PA0025615 002						002		Reporting Frequency:	Monthly
ADDRESS	168 E MARKET ST, AKRON, OH , 44308-2014		PERMI	IT NUM	BER	,	OUTFA	LL NUM	BER	DMR Effective From:	12/01/2020
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1									DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				МОНП	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	08/30/2008
		FROM	2020	12	01	то	2020	12	31	No Discharge:	

PARAMETER		QUANTI	TY OR LOADING	QUAN	TITYORCO	NCENTRA	TION	CAMPI NO EDECUENCY			
		VALUE	VALUE UNITS		VALUE	VALUE VALUE		UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
	SAMPLE MEASUREMENT	.006	.046		***	***	***		1/week	Estimate	
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	000				1/weik	Estimate	
Facility Comments											



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

ļ	KAME:	ENERGY HARBOR NUCLEAR CORP	_	PA0025615				003			Reporting Frequen	icy:	Monthly	
1	ND DRESS	168 E MARKET ST, AKRON, OH , 44308-2014	_	PERM	IT NUM	BER		OUTFA	ALL NUIV	BER	DMR Effective From	m:	12/01/2020	
F	ACLITY:	FIRSTENERGY BEAVER VALLEY POWER STATION	1						The state of the s		DMR Effective To:		12/31/2020	
L	OCATION	: PA ROUTE 168, SHIPPINGPORT, PA , 15077	-			МОНП	TORING	PERIOD			Permit Expires:		12/27/2006	
S	STAGE:	Final Effluent	_	YEAR	МО	DAY		YEAR	МО	DAY	Permit Application	Due:	06/30/2006	
			FROM	2020	12	01	то	2020	12	31	No Discharge:			
г														
		PARAMETER	Q	QUANTITY OR LOADING			- 1	QU	ANTIT	ORCON	CENTRATION	CAM	IDI NO EDECUENOV	24451312

PARAMETER	1	QUANTI	TY OR LOADING	QUAN	TITY OR CO	ONCENTRA	TION	CAMPI NO ERECUENCY	CAMPING TOTAL		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
	SAMPLE MEASUREMENT	.122	.136		***	440	***		2/month	Estimate	
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		2/month	Estimate	
Facility Comments											



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NA	ME:	ENERGY HARBOR NUCLEAR CORP	
AD	DRESS:	168 E MARKET ST, ANGRON, OH , 44308-2014	
FA	CILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1	
LO	CATION:	PA ROUTE 168, SHIPPINGPORT, PA, 15077	
ST	AGE:	Final Effluent	

	P/	\002561	5		1	004		Reporting Frequency:	Monthly
	PERM	PERMIT NUMBER			OUTFA	ALL NUN	BER	DMR Effective From:	12/01/2020
								DMR Effective To:	12/31/2020
		,	MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
	YEAR	MO	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
FROM	2020	12	01	то	2020	12	31	No Discharge:	Ø

PARAMETER		QUANTI	TY OR LOADING	1	QUAN	TITY OR C	ONCENTRA	TION	0.4401.010.000.000	
	10.1	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
11 (00 (00)	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	8.U.	1/wask	Grab
	SAMPLE MEASUREMENT				***	***	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Aug Mo	Monitor & Report Daily Max	MGD	***	***	***		1/wook	Measured
Table 1 and 1 and 1	SAMPLE MEASUREMENT	***	***		***					
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT		***			,5 Avg Mo	1.25 IMAX	mg/L	1/week	Graib
	SAMPLE MEASUREMENT	***	***		***	rug me	1177.95			
Free Available Chlorine (50064)	PERMIT REQUIREMENT		***		***	.2 Avg Mo	.5 Daily Max	mg/L	1/week	Grab
Facility Comments							many man			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	5	1		006		Reporting Frequency:	Monthly
ADDRES	S: 168 E MARKET ST, AKRON, OH , 44308-2014		PERM	IT NUME	BER		OLITEA	LL NUM	IRFR	DMR Effective From:	12/01/2020
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1									DMR Effective To:	12/31/2020
LOCATIO	N: PA ROUTE 168, SHIPPINGPORT, PA , 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	08/30/2006
		FROM	2020	12	01	то	2020	12	31	No Discharge:	

PARAMETER		QUANTI	TY OR LOADING		QUAN	TITY OR CO	NCENTRA	TION	CAMPI NO ESCOUENCY	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	.002	.016		449	***	***		1/week	Estimate
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	400		1/week	Estimate
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

12

01

2020

12

31

NAME: ENERGY HARBOR NUCLEAR CORP

ADDRESS: 168 E MARKET ST, AKRON, OH, 44308-2014

FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION: PAROUTE 168, SHIPPINGPORT, PA, 15077

STAGE: Final Effluent

PA	002561	5			007		Reporting Frequency:	Monthly
PERM	IT NUM	BER		OUTFA	LL NUM	BER	DMR Effective From:	12/01/2020
							DMR Effective To:	12/31/2020
		MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
YEAR	MO	DAY	1	YEAR	МО	DAY	Permit Application Due:	06/30/2006

No Discharge:

V

PARAMETER		QUANTI	TY OR LOADING		QUAN	TITY OR C	ONCENTRA	TION	SAMPLING FREQUENCY	CAMPI NO TOT
.,		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT				6.0 Inst Min	***	9.0 IMAX	8.U.	1/week	Grab
	SAMPLE MEASUREMENT				***	And	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	400	1000	440		1/week	Estimate
	SAMPLE MEASUREMENT	***	***		***					
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT	•	***		401	.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
	SAMPLE MEASUREMENT	***	***		***					
Free Available Chlorine (50064)	PERMIT REQUIREMENT		***		***	.2 Avg Mo	.5 Daily Max	mg/L	1/week	Grab
Facility Comments			7:	11						



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	5			008		Reporting Frequency:	Monthly
ADDRESS	168 E MARKET ST, AKRON, OH , 44308-2014		PERM	T NUM	BER		OUTFA	LL NUIV	(BER	DMR Effective From:	12/01/2020
FACILITY:	FIRSTENERGY BEAVER VAILEY POWER STATION 1									DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA , 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2008
		FROM	2020	12	01	то	2020	12	31	No Discharge:	

PARAMETER		QUANT	TTY OR LOADING		QUAN	TTTYORC	ONCENTRA	TION		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT	***	000		6.0 Inst Min	***	9.0 IMAX	8.U.	2/month	Grab
T-1-10	SAMPLE MEASUREMENT	***	***		***		111111			
Total Suspended Solids (00530)	PERMIT REQUIREMENT		***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
011 10 (00000)	SAMPLE MEASUREMENT	***	***		***	7 ttg ttis	Douby IVER			
Oil and Grease (00556)	PERMIT REQUIREMENT	•••	***		***	15 Avg Mo	20 Daily Max	mg/L	2/month	Graib
	SAMPLE MEASUREMENT				***	***	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	.000		919		1/week	Estimate
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME: **ENERGY HARBOR NUCLEAR CORP** PA0025615 Reporting Frequency: Monthly 010 ADDRESS: 168 E MARKET ST, AKRON, OH , 44308-2014 PERMIT NUMBER DMR Effective From: **OUTFALL NUMBER** 12/01/2020 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1 DMR Effective To: 12/31/2020 LOCATION: PAROUTE 168, SHIPPINGPORT, PA. 15077 MONITORING PERIOD Permit Expires: 12/27/2008 STAGE: Final Effluent YEAR MO DAY YEAR MO DAY Permit Application Due: 06/30/2006 2020 12 01 2020 12 31 No Discharge:

PARAMETER		QUANT	TY OR LOADING		QUAN	TTTY OR C	ONCENTRA	ATION		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
-11/00/00	SAMPLE MEASUREMENT	***	***		7,5	***	8.0		1/week	
pH (00400)	PERMIT REQUIREMENT	***	***	1	6.0 Inst Min	***	9.0	8.U.	1/week	Grab Grab
	SAMPLE MEASUREMENT	***	***	-	u sof IARL	GG	IMAX GG			GIED
Clamtrol CT-1 (04251)	PERMIT REQUIREMENT	000	***		***	.034 Avg Mo	.034 Daily Max	mg/L	Daily when Discharging	24-Hr Composite
-	SAMPLE MEASUREMENT	3.87	4.32		***	***	today week		1/week	
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***			1/week	Measured Measured
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	.05	.06		1/week	Grab
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT	***	240			.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
Frank, Walter Older, and an	SAMPLE MEASUREMENT	***	***		***	<.04	.07		1/week	
Free Available Chlorine (50064)	PERMIT REQUIREMENT	100	***		. ***	.2	.5	mg/L	1/week	Grab Grab
Facility Comments						Avg Mo	Daily Max			Jan



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		P	A002561	15	7		044		Penarting Eraguanus	Monthly
ADDRESS	: 168 E MARKET ST, AKRON, OH , 44308-2014					-		011		Reporting Frequency:	Monthly
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1		PERM	IIT NUM	BER	} !	OUTFA	ILL NUN	MBER	DMR Effective From:	12/01/2020
										DMR Effective To:	12/31/2020
	PA ROUTE 168, SHIPPINGPORT, PA , 15077			_	MONE	TORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	MO	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2008
		FRO	M 2020	12	01	10	2020	12	31		
										No Discharge:	

PARAMETER		QUANTI	TY OR LOADING		QUAN	TITY OR CO	ONCENTRA	ATION		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	.003	.004		***	***	444	0.1110		
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report	Monitor & Report	MGD					1/week	Estimate
	PERVIT REGUINEIVIENT	Avg Mo	Daily Max	1	***	2 900	000		1/week	Estimate
Facility Comments	li li			4					And the second s	The state of the s
										'



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	5	1		012		Reporting Frequency:	Monthly
ADDRESS	168 E MARKET ST, AKRON, OH , 44308-2014		PERM				OUTFA		IRER	DMR Effective From:	12/01/2020
	FIRSTENERGY BEAVER VALLEY POWER STATION 1								<u> </u>	DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY	1	YEAR	МО	DAY	Permit Application Due:	06/30/2006
		FROM	2020	12	01	то	2020	12	31	No Discharge:	
		11000								No Discharge:	

PARAMETER		QUANT	TY OR LOADING			QUANTITY OR C	ONCENTRATION			
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
11 (22 122)	SAMPLE MEASUREMENT	***	***		8.5	***	8.5		1/month	Grab
pH (00400)	PERMIT REQUIREMENT	880			6.0 Inst Min	***	9.0 IMAX	s.u.	1/month	Grab
Copper, Total (01042)	SAMPLE MEASUREMENT	***	***		***	<.026	.026		2/month	Grab
Copper, Total (01042)	PERMIT REQUIREMENT	1935 · ***			- 444	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	2/month	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		2/month	Grab
ziric, Total (UT092)	PERMIT REQUIREMENT	****	580		***	1.5 Avg Mo	1,5 Daily Max	mg/L	2/month	Grab
Fl (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		1/month	Estimate
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	-	***		1/month	Estimate
Total Disease of California	SAMPLE MEASUREMENT	***	***		***	235	260		2/month	Grab
Total Dissolved Solids (70295)	PERMIT REQUIREMENT	404	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	2/month	Grab
Facility Comments							The state of the s			et a company of the c

3800-FM-BCW0462 12/2016 pennsylvania DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	5]		013		Reporting Frequency:	Monthly
ADDRESS:	168 E MARKET ST, AKRON, OH , 44308-2014		PERM	IT NUM	BER		OUTFA	LL NUIV	BER	DMR Effective From:	12/01/2020
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1									DMR Effective To:	12/31/2020
LOCATION:	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
		FROM	2020	12	01	то	2020	12	31	No Discharge:	0

PARAMETER		QUANTI	TY OR LOADING			QUANTITY OR CO	ONCENTRATION		SAMDI NO EDECLIENCY	2440110
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
11 (00 100)	SAMPLE MEASUREMENT	***	***		7.1	***	7.6		1/week	Grab
pH (00400)	PERMIT REQUIREMENT	spine.	400		6,0 Inst Min	•••	9.0 IMAX	8.U.	1/week	Grab
Outside Total (007700)	SAMPLE MEASUREMENT	***	***		***	<.01	<.01		2/month	24-Hr Composite
Cyanide, Total (00720)	PERMIT REQUIREMENT	***	***		000	Monitor & Report Avg Mo	Monitor & Report Dally Max	mg/L	2/month	24-Hr Composite
71. 1	SAMPLE MEASUREMENT	***	***		***	<.001	<.001		2/month	24-Hr Composite
Chlorobenzene (34301)	PERMIT REQUIREMENT	'shider '	***		***	Monitor & Report Aug Mo	Monitor & Report Daily Max	mg/L	2/month	24-Hr Composite
	SAMPLE MEASUREMENT	***	***		***	<.025	<.025		2/month	24-Hr Composite
Copper, Total (01042)	PERMIT REQUIREMENT	000	dete		400	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	2/month	24-Hr Composite
	SAMPLE MEASUREMENT	.002	.002		***	***	***		2/month	Estimate
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	000	989		2/month	Estimate
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

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TO

2020

12

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: Final Effluent

PA	0025615	5			101		Reporting Frequency:	Monthly
PERMI	T NUME	BER		OUTFA	LL NUIV	IBER	DMR Effective From:	12/01/2020
							DMR Effective To:	12/31/2020
		MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2008

No Discharge:

abla

PARAMETER		QUANTI	TY OR LOADING			QUANTITY OR C	ONCENTRATION		CAMPI NO EDECUTIVO	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYP
	SAMPLE MEASUREMENT	***	***			***		1		
pH (00400)	PERMIT REQUIREMENT		***		6.0 Inst Min		9.0 IMAX	s.u.	1/wsek	Grab
	SAMPLE MEASUREMENT	***	***		***					
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***	***	1	***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Composite
	SAMPLE MEASUREMENT	***	***		***					
Oil and Grease (00556)	PERMIT REQUIREMENT	***	***		200	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
	SAMPLE MEASUREMENT	***	***		***					
Ammonia-Nitrogen (00610)	PERMIT REQUIREMENT	***	-		444	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
-	SAMPLE MEASUREMENT				del	***	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		Continuous	Measured
	SAMPLE MEASUREMENT	***	***		***					
Hydrazine (81313)	PERMIT REQUIREMENT	***	***			Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
Facility Comments					-					



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	5]		102		Reporting Frequency:	Monthly
ADDRESS	: 168 E MARKET ST, AKRON, OH , 44308-2014		PERM	IT NUMI	BER		OUTFA	LL NUN	MBER	DMR Effective From:	12/01/2020
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1				1	(I)	1			DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2008
		FROM	2020	12	01	то	2020	12	31	No Discharge:	

PARAMETER		QUANT	TY OR LOADING		QUAN	TTTY OR C	ONCENTRA	TION	CAMPI NO EDECUTIVO	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***		7.6	***	7.7		2/month	Grab
pH (00400)	PERMIT REQUIREMENT		***		6.0 Inst Min	- 900	9.0 IMAX	8.U.	2/month	Grab
7.1.10	SAMPLE MEASUREMENT	***	cee		***	<15.6	27.2		2/month	Grab
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***			100	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
	SAMPLE MEASUREMENT	***	***		***	<5.1	<5.2		2/month	Grab
Oil and Grease (00556)	PERMIT REQUIREMENT	1000	***		440	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
	SAMPLE MEASUREMENT	.001	.001		444	***	***		2/month	Estimate
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	* ***	* ***		2/month	Estimate
Facility Comments				-						

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	5		3	103		Reporting Frequency:	Monthly
ADDRES	S: 168 E MARKET ST, AKRON, OH , 44308-2014		PERMI	TNUME	BER		OUTFAI	LL NUM	BER	DMR Effective From:	12/01/2020
FACLITY	FIRSTENERGY BEAVER VALLEY POWER STATION 1									DMR Effective To:	12/31/2020
LOCATIO	N: PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
		FROM	2020	12	01	то	2020	12	31	No Discharge:	0

PARAMETER		QUANTI	TY OR LOADING		QUAN	TITY OR C	ONCENTRA	TION	SAMPI INC ERECUENCY	24401100
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***		7.5	***	7,8		2/month	Grab
pH (00400)	PERMIT REQUIREMENT	•••	***		6.0 Inst Min	***	9.0 IMAX	8.U.	2/month	Gnub
	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0		2/month	24-Hr Composite
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***	***		* A.	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	24-Hr Composite
	SAMPLE MEASUREMENT	.122	.136		***	***	***		2/month	Estimate
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	260	***	000		2/month	Estimate
Facility Comments					1					



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		P	4002561	5]		111		Reporting Frequency:	Monthly
ADDRESS	168 E MARKET ST, AKRON, OH , 44308-2014		PERM	IIT NUM	BER		OUTF	ALL NUN	MBER	DMR Effective From:	12/01/2020
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1					_				DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	08/30/2008
		FRO	2020	12	01	ТО	2020	12	31	No Discharge:	

PARAMETER		QUANT	TTY OR LOADING	*1	QUAN	TITY OR C	ONCENTRA	TION		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***	1 1 1	7,0	***	8.0		1/week	Grab
pH (00400)	PERMIT REQUIREMENT		**************************************		6.0 Inst Min	•••	9.0 IMAX	8.U.	1/week	Gnib
	SAMPLE MEASUREMENT		***		***	<4.0	<4.0		1/week	Grab
Total Suspended Solids (00530)	PERMIT REQUIREMENT				200	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Gab
	SAMPLE MEASUREMENT	***	***		***	<5.2	<5.2		1/week	Grab
Oil and Grease (00556)	PERMIT REQUIREMENT		***	1 4	***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Estimate
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	·		1/week	Estimate
Facility 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: Final Effluent

	PA	002561	5			113		Reporting Frequency:	Monthly
	PERM	IT NUM	BER	i	OUTFA	LL NUN	BER	DMR Effective From:	12/01/2020
							,	DMR Effective To:	12/31/2020
			МОПП	ORING	PERIOD			Permit Expires:	12/27/2008
	YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
FROM	2020	12	01	то	2020	12	31	No Discharge:	
								TWO Discharge,	

PARAMETER		QU	ANTITY OR LOAD!	NG	QUA	ANTITY OR	CONCENT	RATION		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT	949	000		6.0 Inst Min	***	9.0 IMAX	3 .U.	2/month	Gnib
- 440	SAMPLE MEASUREMENT	***	***		***		-			
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***			000	30,0 Avg Mo	60,0 Daily Max	mg/L	2/month	8-Hr Composite
FI (50050)	SAMPLE MEASUREMENT				***	***	***			
Flow (50050)	PERMIT REQUIREMENT	.043 Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Measured
	SAMPLE MEASUREMENT	***	***		***					
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT	990	***	è	***	1.4 Avg Mo	3.3 IMAX	mg/L	2/month	Grab
Food Coliforn (74055)	SAMPLE MEASUREMENT	***	444		***		***			
Fecal Coliform (74055)	PERMIT REQUIREMENT	***	. ***	À	***	2000 Geo Mean		No./100 ml	2/month	Grab
Carbonaceous Biochemical Oxygen Demend	SAMPLE MEASUREMENT	***	***	1	***					
(CBOD5) (80082)	PERMIT REQUIREMENT	***	490		***	25.0 Avg Mo	50,0 Daily Max	mg/L	2/month	8-Hr Composite
Facility Comments										

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAI	ME:	ENERGY HARBOR NUCLEAR CORP		PA	0025615	5				203		Reporting Frequency:	Monthly
ADI	DRESS:	168 E MARKET ST, AKRON, OH , 44308-2014		PERM	IT NUME	BER			OUTFAL	LL NUM	BER	DMR Effective From:	12/01/2020
FAC	CILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1				İ.						DMR Effective To:	12/31/2020
LO	CATION:	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PER	OD			Permit Expires:	12/27/2008
STA	AGE:	Final Effluent		YEAR	МО	DAY		YE	AR	МО	DAY	Permit Application Due:	08/30/2008
			FROM	2020	12	01	то	2	020	12	31	No Discharge:	

PARAMETER		QU	ANTITY OR LOADIN	NG	QUA	NTITY OR (CONCENTR	RATION	SAMPLING FREQUENCY	SAMPLING TYPE
TAI VAIVE LEIV	P.	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING TIPE
	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT	***	**		6.0 Inst Min	***	9.0 IMAX	8 .U.	2/month	Grab
	SAMPLE MEASUREMENT	***	442		***					
Total Suspended Solids (00530)	PERMIT REQUIREMENT		***		***	30,0 Avg Mo	60.0 Daily Max	mg/L	2/month	8-Hr Composite
	SAMPLE MEASUREMENT				***	***	***			
Flow (50050)	PERMIT REQUIREMENT	.023 Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Measured
	SAMPLE MEASUREMENT	***	***		***					
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT	400	***		***	1.4 Avg Mo	3.3 IMAX	mg/L	2/month	Grab
	SAMPLE MEASUREMENT	***	***		***		***			
Fecal Coliform (74055)	PERMIT REQUIREMENT	****	999		400	2000 Geo Mean	***	No./100 mi	2/month	Grab
Carbonaceous Biochemical Oxygen Demand	SAMPLE MEASUREMENT	***	***		***					
(CBOD5) (80082)	PERMIT REQUIREMENT	***	***		***	25.0 Avg Mo	50,0 Daily Max	mg/L	2/month	8-Hr Composite
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

FROM

47 100

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

PA00256	315			211		Reporting Frequency:	Monthly
PERMIT NU	MBER]	OUTFA	LL NUI	BER	DMR Effective From:	12/01/2020
	,		!			DMR Effective To:	12/31/2020
	MONE	ORING	PERIOD			Permit Expires:	12/27/2008
YEAR MO	DAY	i i	YEAR	МО	DAY	Permit Application Due:	08/30/2008

No Discharge:

PARAMETER	3 (10)	QUANT	TY OR LOADING		QUAN	TITY OR C	ONCENTRA	TION	CAMPI NO EDECUTIVO	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
-11/00/00	SAMPLE MEASUREMENT	***	***		7,5	***	7.5		1/week	Grab
pH (00400)	PERMIT REQUIREMENT	-	***		6.0 Inst Min	***	9.0 IMAX	8.U.	1/week	Grab
Total Supposed of Califor (00000)	SAMPLE MEASUREMENT	***	***		***	12.8	12.8		1/week	Grab
Total Suspended Solids (00530)	PERMIT REQUIREMENT	. •••	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
Off and Owner (COPPE)	SAMPLE MEASUREMENT	***	***		***	11	11		1/week	Grab
Oil and Grease (00556)	PERMIT REQUIREMENT		440			15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Entimenta
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	900	***	***		1/week	Estimate Estimate
Facility Comments										

2020

12

31



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

2020

FROM

12

01

2020

12

31

NAME: ENERGY HARBOR NUCLEAR CORP

ADDRESS: 168 E MARKET ST, AKRON, OH, 44308-2014

FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION: PAROUTE 168, SHIPPINGPORT, PA, 15077

STAGE: Final Effluent

PA0025615 213	Reporting Frequency:	Monthly
PERMIT NUMBER OUTFALL NUMBER	DMR Effective From:	12/01/2020
	DMR Effective To:	12/31/2020
MONITORING PERIOD	Permit Expires:	12/27/2008
YEAR MO DAY YEAR MO D	Y Permit Application Due	: 06/30/2006

No Discharge:

V

PARAMETER		QUANT	TY OR LOADING		QUAN	TITY OR C	ONCENTRA	ATION	SAMPI ING EDECUENCY	24451110
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPI
-11/00/00	SAMPLE MEASUREMENT	***	***			***		-		
pH (00400)	PERMIT REQUIREMENT		000	1	6.0 Inst Min	. 900	9.0 IMAX	8 .U.	2/month	Grab
Total Comments I Collid Annual	SAMPLE MEASUREMENT	***	***		***		HVP-X			
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***	* ***	1	***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
Oll and Course (COPPE)	SAMPLE MEASUREMENT	***	***		494	- rigino	Duely William			
Oil and Grease (00556)	PERMIT REQUIREMENT				***	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	1			***	***	***			***** ***** ***** ****
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD		***	999		1/woek	Estimate
Total Basishad Oblasia - CERCA (Espans)	SAMPLE MEASUREMENT	***	***		***					
Total Residual Chlorine (TRC) (50060)	PERMIT REQUIREMENT	***	****		5400	.5 Avg Mo	1.25 IMAX	mg/L	2/month	Grab
Facility Comments						Ang mio	BIVINA			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME: **ENERGY HARBOR NUCLEAR CORP** PA0025615 Reporting Frequency: Monthly 301 ADDRESS: 168 E MARKET ST, AKRON, OH , 44308-2014 PERMIT NUMBER **DMR Effective From:** 12/01/2020 **OUTFALL NUMBER** FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1 DMR Effective To: 12/31/2020 LOCATION: PAROUTE 168, SHIPPINGPORT, PA. 15077 MONITORING PERIOD Permit Expires: 12/27/2006 STAGE: Final Effluent YEAR MO DAY YEAR DAY Permit Application Due: 06/30/2008 2020 12 01 2020 12 FROM 31 No Discharge: $\overline{\mathbf{v}}$

PARAMETER		QUANT	TY OR LOADING		QUAN	TTTY OR C	ONCENTRA	TION	CAMPING EDECHE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
T.1.10	SAMPLE MEASUREMENT	***	***		***					
Total Suspended Solids (00530)	PERMIT REQUIREMENT	Mile of the second	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
01 - 10 (00000)	SAMPLE MEASUREMENT	***	***		***		Lany Haza			
Oll and Grease (00556)	PERMIT REQUIREMENT	***	444	1	***	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
_	SAMPLE MEASUREMENT				***	***	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	200	200		1/week	Estimate
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

ENERGY HARBOR NUCLEAR CORP NAME: PA0025615 Reporting Frequency: 303 Monthly ADDRESS: 168 E MARKET ST, AKRON, OH , 44308-2014 PERMIT NUMBER OUTFALL NUMBER **DMR Effective From:** 12/01/2020 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1 DMR Effective To: 12/31/2020 LOCATION: PAROUTE 168, SHIPPINGPORT, PA, 15077 MONITORING PERIOD Permit Expires: 12/27/2006 STAGE: Final Effluent YEAR MO DAY YEAR MO DAY Permit Application Due: 06/30/2006 2020 12 01 FROM 2020 12 31 No Discharge: \checkmark

PARAMETER		QUANT	TY OR LOADING		QUAN	TITYORC	ONCENTRA	TION	SAMPLING EDECLIENCY	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
-11 (00 (00)	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT	nee .	***	1	6,0 Inst Min	***	9.0 IMAX	8.U.	1/week	Grab
Total Commonded Call Language	SAMPLE MEASUREMENT	***	***		***		IIVI-QA			OID.
Total Suspended Solids (00530)	PERMIT REQUIREMENT	***	1 m	11	***	30.0	100,0	mg/L	1/week	Grab
011	SAMPLE MEASUREMENT	***	***		***	Avg Mo	Daily Max		***************************************	Gab
Off and Grease (00556)	PERMIT REQUIREMENT	***	500		400	15	20	mg/L	1/week	Ont.
	SAMPLE MEASUREMENT				***	Avg Mo	Daily Max		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Grab
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	400		1/week	Estimate
Facility Comments			Lastrij 17634							Eout lete



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

NAME:	ENERGY HARBOR NUCLEAR CORP		PA	002561	_	1 #		940		Beneding Francisco	Monthly
ADDRESS	: 168 E MARKET ST, AKRON, OH , 44308-2014			1002301	9			313		Reporting Frequency:	Monthly
			PERM	IT NUM	BER		OUTFA	LL NUN	/BER	DMR Effective From:	12/01/2020
	FIRSTENERGY BEAVER VALLEY POWER STATION 1					J				DMR Effective To:	12/31/2020
LOCATION	PA ROUTE 168, SHIPPINGPORT, PA, 15077				MONIT	ORING	PERIOD			Permit Expires:	12/27/2006
STAGE:	Final Effluent		YEAR	140						remit Expires;	1221/2006
				MO	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
		FROM	2020	12	01	то	2020	12	31	No Discharge:	
										. To bridge,	Ц

PARAMETER		QUANT	TTY OR LOADING	QUAN	TITYORC	ONCENTR/	TION			
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE		SAMPLING FREQUENCY	SAMPLING TYPE
	SAMPLE MEASUREMENT	***	***		7.1	***	7.6			
pH (00400)	PERMIT REQUIREMENT	***		1	6.0		_		1/week	Grab
	PERMIT REGULATION		***		Inst Min	800	9.0	S.U.	1/week	Grab
	SAMPLE MEASUREMENT	***	. ***		***	12.8	26.7			A STATE OF THE STA
Total Suspended Solids (00530)	PERMIT REQUIREMENT			-		30.0			1/week	Grab
	PERMIT RECUIREMENT		***		Water.	Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
	SAMPLE MEASUREMENT	G Mare	***	1	***	<5.1	<5.2		The state of the s	
Oll and Grease (00556)	PERMIT REQUIREMENT	-				15	20		1/week	Grab
		and the	****		***	Avg Mo	Daily Max	mg/L	1/week	Grab
_	SAMPLE MEASUREMENT	.002	.002		***	ANGINIO	Delity IVEX			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report	Monitor & Report	MGD					1/week	Estimate
	PERMIT REQUIREMENT	Avg Mo	Dally Max	14100	200	000	***		1/week	Estimate
Facility Comments			-	-						



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

NAME: ENERGY HARBOR NUCLEAR CORP

ADDRESS: 168 E MARKET ST, AKRON, OH, 44308-2014

FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077

STAGE: Final Effluent

PA	N002561	5			401		Reporting Frequency:	Monthly
PERM	IT NUM	BER	,	OUTFA	LL NUIV	BER	DMR Effective From:	12/01/2020
							DMR Effective To:	12/31/2020
		MONI	ORING	PERIOD			Permit Expires:	12/27/2008
YEAR	МО	DAY	!	YEAR	МО	DAY	Permit Application Due:	08/20/2008
2020	12	01	то	2020	12	31	No Discharge	

PARAMETER		QUANTI	TY OR LOADING		QUA	ANTITY OF	CONCENTRAT	ON	SAMPLING EDECLIEVO	SAMPI NO DOS
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
11 (22 (22)	SAMPLE MEASUREMENT	***	***	1	9.0	***	GG			
pH (00400)	PERMIT REQUIREMENT		500	1	6.0 Inst Min	100	Monitor & Report	8.U.	2/month	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0		2/month	Grab
Total Suspended Solids (00000)	PERMIT REQUIREMENT				***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
Off and One (00555)	SAMPLE MEASUREMENT	***	840	-	***	<5.2	<5.2		2/month	
Oil and Grease (00556)	PERMIT REQUIREMENT		dee		40)	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
5 (50050)	SAMPLE MEASUREMENT	.001	.001		***	444	totally ividex			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	400	***		1/week	Estimate Estimate
Facility Comments					-					

FROM



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: PAROUTE 168, SHIPPINGPORT, PA, 15077 STAGE: Final Effluent

	P/	\00256 1	15			403		Reporting Frequency:	Monthly
	PERMIT NUMBER				OUTFALL NUMBER			DMR Effective From:	12/01/2020
								DMR Effective To:	12/31/2020
	MONITORING PERIOD							Permit Expires:	12/27/2006
	YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due:	06/30/2006
FROM	2020	12	01	то	2020	12	31	No Discharge	

No Discharge:

PARAMETER		QUANTITY OR LOADING			(QUANTITY OR C	ONCENTRATION			
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
-11 (00 too)	SAMPLE MEASUREMENT	***	***			***		-		
pH (00400)	PERMIT REQUIREMENT	***	***		6.0 Inst Min		9.0 IMAX	S.U.	1/week	Grab
Total Comments to the recens	SAMPLE MEASUREMENT	Q****	***		***		IIVIAA			
Total Suspended Solids (00530)	PERMIT REQUIREMENT	.1	464			30.0 Avg Mo	100.0 mg/L Daily Max		1/week	Grab
01 1 0 (00550)	SAMPLE MEASUREMENT	***	***		***	7,10	Dusty William	-		
Oil and Grease (00556)	PERMIT REQUIREMENT	-	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
Ammonia Allemana (00040)	SAMPLE MEASUREMENT	***	***		***		Dainy Wash			
Ammonia-Nitrogen (00610)	PERMIT REQUIREMENT	•••	***		**	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
Classical CT 4 (040T4)	SAMPLE MEASUREMENT	***	***		***		Denty IVEC	Delity McX		
Clamtrol CT-1 (04251)	PERMIT REQUIREMENT	400	***		***	.001 Avg Mo	.001 Daily Max	mg/L	Daily when Discharging	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	<u> </u>			***	***	***			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***	1 1	1/week	Estimate
Total Basishad Chlorina (1770) (50000)	SAMPLE MEASUREMENT	***	***		***					
Total Residuel Chlorine (TRC) (50060)	PERMIT REQUIREMENT	••• +.		1		,5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
11.1	SAMPLE MEASUREMENT	***	***		***	, we will	HVPCA			
Hydrazine (81313)	PERMIT REQUIREMENT	***	400	1	***	.001 Avg Mo	.001 Daily Max	mg/L	1/week	Grab
Facility Comments							Locally IVICOL			



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: PAROUTE 168, SHIPPINGPORT, PA, 15077 STAGE: Final Effluent

PA0025615	:
PERMIT NUMBER	0

FROM

413
OUTFALL NUMBER

DMR Effective To:

No Discharge:

Reporting Frequency: Monthly DMR Effective From: 12/01/2020

12/31/2020

MONITORING PERIOD											
YEAR	МО	DAY		YEAR	МО	DAY					
2020	12	01	то	2020	12	31					

Permit Expires: 12/27/2006 Permit Application Due: 06/30/2006 abla

PARAMETER		QUANT	QUANTITY OR CONCENTRATION							
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
-11 (00 (00)	SAMPLE MEASUREMENT	***	***			***				
pH (00400)	PERMIT REQUIREMENT	. · · · · · · · · · · · · · · · · · · ·	400		6.0 Inst Min		9.0 IMAX	8.U.	1/week	Grab
T-1-10	SAMPLE MEASUREMENT	***	***	1	***		100.00			
Total Suspended Solids (00530)	PERMIT REQUIREMENT	-	460		***	30,0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
6 11 1.6 1.7	SAMPLE MEASUREMENT	440	***		***	rig mo	Dully IVED			
Oil and Grease (00556)	PERMIT REQUIREMENT	200			460	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
	SAMPLE MEASUREMENT				***	###	+++			
Flow (50050)	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	. ***	989		2/month	Estimate
Facility Comments	11 11									