

P.O. Box 4, Route 168 Shippingport, PA 15077

~ ~ ~~~

August 28, 2002

Document Control Desk U.S. Nuclear Regulatory Commission Washington, DC 20555

NPDES Monthly Report, EPA Permit No. PA0025615

SUBJECT:

Beaver Valley Power Station, Unit No. 1 and No. 2 BV-1 Docket No. 50-334, License No. DPR-66 BV-2 Docket No. 50-412, License No. NPF-73

Dear Sir:

Enclosed is a copy of the NPDES Monthly Report for July 2002 as submitted to the Pennsylvania Department of Environmental Protection.

Sincerely,

Joseph W. Venzon Chemistry and

Environmental Manager

DJS

C: J.W. Venzon Licensing File

15/25



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NPDES Monthly Report, EPA Permit No. PA0025615

SUBJECT: Beaver Valley Power Station, Unit No. 1 and No. 2

BV-1 Docket No. 50-334, License No. DPR-66 BV-2 Docket No. 50-412, License No. NPF-73

Dear Sir:

Attached is the revised DMR Report of Outfall 004 for June 2002. Flow measurement was inadvertently omitted from the original submittal.

Sincerely

Joseph W. Venzon

Chemistry and

Environmental Manager

DJS

C: J.W. Venzon

Licensing File

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	Nuclear Operation	lear Operating Company (2-16)					. (17-19	9)	. .		~ -)
ADDRESS: 76 South M				25615			004	, , , , , , , , , , , , , , , , , , ,	Kal	Œ21	DMR	
Akron, OH	44308		PERMIT			ORING P	DISCHARGE	NUMBER	,			4
D. CIV. (MILL. D	U D Ganda	n FRO	M YEAR M		AY	TO	YEAR MO	DAY				
FACILITY: Beaver Va	lley Power Station		07-1			10	02- 02		•		•	
LOCATION: Snippingpo	oft Borough, Bear	·	(20-21) (22-		4-25)	•	. (26-27) (28-29		NOTE: Rea	d instructio	ns before compl	eting this form
Parameter	ī	(3 Card Only) QU	UANTITY OR LOAD		(4 Car	d Only)	QUALITY OR CONC		· · · · · · · · · · · · · · · · · · ·	NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(3	8-45)	(46-53)	(54-61)	•	EX	OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MIN	IIMUM	AVERAGE	MAXIMUM .	UNITS .	(62-63)	(64-68)	(69-70)
	Sample Measurement	2.8	7.7	0		*					177	MERS
Flow	Permit Requirement		ND REPORT	· MGD				* .	•	• ,	1/WEEK	MEASURED
riow	Sample	*	•			*						
	Measurement Permit	•		1 .	:		AVG CONC 0.2	MAX CONC 0.5	MG/L	* :	1/WEEK	GRAB
Free Available Chlorine	Requirement Sample			 		•	0.2	0.5	MOL		1, 11, 22, 2	<u> </u>
	Measurement Permit	•	*	∤ ·					٠		1 Atments	GRAB
Total Residual Chlorine	Requirement Sample	• •	*	*	1.1	*	0.5	1.25	MG/L	· · · · ·	1/WEEK	GRAB
	Measurement	*	*	4		*		*	١,			
Iron ·	Permit Requirement	* .	* '	•	. ;	*.	MONITOR A	ND REPORT	MG/L	. *	2/MONTH	GRAB
	Sample Measurement	•	•]			<u> </u>		_			
Atuminum	Permit Requirement	•		•	ore i t	**	MONITOR A	ND REPORT	MG/L	: * •	2/MONTH	'GRAB
	Sample Measurement	*		·		*						
Phenois	Permit Requirement	***	* 1]:	3		MONITORA	ND REPORT '	MG/L	.; * i	2/MONTH_	GRAB
Trenois	Sample Measurement	•				•						
Character and the second	Permit Requirement		1 · 1 · 1	1 .	4.	*>=-	0.2	0.2	mg/l	8 . 1	2/YEAR	GRAB
Chromium NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	AMINED AND		AR			TELEPHON	νE	I	DATE
OFFICER	WITH THE	INFORMATION SUBMITTE	d Herein and Based on	MY INQUIR	Y OF THO	SE						-
JOSEPH W. VENE		ls immediately respons Itted information is tr							•			
	THERE ARI	SIGNIFICANT PENALTIES FO	OR SUBMITTING FALSE INFO	rmátion. In	CLUDING T	HE	unVN	724	682	Q12	02 0	128 28
CHEMISTRY MAT	(ACEX POSSIBILIT	Y OF FINE AND IMPRISON under these statutes may	MENT SEE 18 U.S.C. §100	1 AND 33 t	I.S.C. §13	19.	ATURE OF PRINCIPAL E			2172	YEAR -	MO DAY
TYPE OR PRINT		under these statutes may nent of between 6 months a		U,UUU RIILI O	1144411111		FFICER OR AUTHORIZED			BER		
COMMENT AND EXPL				nents here)	77	•	•				

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

& REVISED DIMR FOR FLOW AT OUTFAIL COA

DISCHARGE MONITORING REPORT SUPPLEMENTAL SEWAGE SLUDGE REPORT

SLUDGE REPORT	Month: JULY Year: 2002
Permittee:	FENOC
Plant: Bea	ver Valley Power Station
NPDES: PAC	
Municipalit	y: Shippingport Borough
County: Bea	
or sludge that Pre-incinerati Post-incinerat	

1. Complete monthly and submit with each DMR. Attach additional sheets and comments as needed for completeness and clarity.

2. Sludge production information will be used to evaluate plant performance. Report only sludge which has been removed from digesters and other solids which have been permanently removed from the treatment process. Do not include sludge from other plants which is processed at your facility.

3. In the disposal site section, report all sludge leaving your facility for disposal. If another plant processes and disposes of your sludge, just provide the name of that plant. If you dispose of sludge from other plants, include their tonnage in the disposal site section and provide their names and individual dry tonnage on the back of this form.

4. If no sludge was removed, note on form.

'Instructions:

SLUDGE PRODUCTION INFORMATION (prior to incineration) HAULED AS DEWATERED SLUDGE HAULED AS LIQUID SLUDGE

For sludge that is

(Ga1: '5))	((% Solids)	(Conversion X Factor)	= Dry Tons	(Tons of Dewatered Sludge)	X (% Solids)		ry Tons
(Ga) · · · · · · · · · · · · · · · · · · ·	((% Solids) 2.0	.0000417	Dry Tons 0.834			.01	
						-	
	<u> </u>						
					·		
						·	
				•			
					·		
		TOTAL	- 0.834	A	TOT	AL =	

DISPOSAL SITE INFORMATION: List all sites, even if not used this month

Site i	Site 2	Site 3	51te 4
Borough of Monaca			
Sewage Treatment Plant	Hopewell Township		
PA0020125	PA0026328		
	0.834		·
		•	
<u>'</u>			
Beaver	Beager	•	
	Borough of Monaca Sewage Treatment Plant	Borough of Monaca Sewage Treatment Plant Hopewell Township PA0020125 PA0026328 O.834	Borough of Monaca Sewage Treatment Plant Hopewell Township PA0020125 PA0026328 O.834

Jhemistry Manager

DISCHARGE MONITORING REPORT SUPPLEMENTAL SEWAGE SLUDGE REPORT

Year: Permittee: FENOC Plant: Beaver Valley Power Station

NPDES: PA0025615 Municipality: Shippingport Borough County: Beaver For sludge that is incinerated: Pre-incineration weight = ____ dry tons
Post-incineration weight = ____ dry tons

3. In the disposal site section, report all sludge leaving your facility for disposal. If another plant processes and disposes of your sludge, just provide the name of that plant. If you dispose of sludge from other plants, include their tonnage in the disposal site section and provide their names and individual dry tonnage on the back of this form.

1. Complete monthly and submit with each DMR. Attach additional

2. Sludge production information will be used to evaluate plant

plants which is processed at your facility.

sheets and comments as needed for completeness and clarity.

performance. Report only sludge which has been removed from digesters and other solids which have been permanently removed

from the treatment process. Do not include sludge from other

'Instructions:

4. If no sludge was removed, note on form. SLUDGE PRODUCTION INFORMATION (prior to incineration) HAULED AS DEWATERED SLUDGE HAULED AS LIQUID SLUDGE (Tons of (Conversion X (% Solids) X (.01) = Dry Tons Dewatered Sludge) Dry Tons (Galiss) X (% Solids) X Factor) = 2.34 .0000417 TOTAL 2.34 TOTAL

DISPOSAL SITE INFORMATION: List all sites, even if not used this month Site 3 Site 4 Site 2 Site 1 Borough of Monaca Sewage Treatment Plant | Hopewell Township Name: PA0026328 Permit No.: PA0020125 Dry Tons Disposed: Type: (check one) Landfill Agr. Utilization Other (specify) County: Beaver Beaver

"Jhemistry Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	y Nuclear Operati	ing Company		16)		(17-1)				•	
ADDRESS: 76 South M	Iain Street		PA00	25615		101			` ب	<u>.</u> •	
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER		47		•
					MONITORING P	ERIOD			•		
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M		DAY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0	1 1	21	02/17	31				
			(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before comp	leting this form
Parameter	1	(3 Card Only) QU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION	1	NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)	• • •	(38-45)	(46-53)	(54-61)		EX	, OF	TYPE
		, ,	•				<u> </u>	•		ANALYSIS	-
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM_	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.0013	0.008		•	•	★ **			DAILY	CONT
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	大世族縣 谷	建筑。 ""	等。 注意 經濟	٠	15/8/201	DAILY	CONT
	Sample Measurement	•	*		*	4.2	S.	•	0	1/1	2 HOUR
Suspended Solids	Requirement	13. / * /、 減到	建构设施。文		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	301 💯	100"	MG/L	35.30	I/WEEK	2 HOUR COMPOSITE
	Sample Measurement	•	•		*	45.0	45.0	. •	0	1/7	GRAB
Oil and Grease	Permit	* 1	(國家) (1)		W . *	15× 15× 15× 15× 15× 15× 15× 15× 15× 15×	20	MG/L	3.74. 6	i/week	GRAB
	Sample Measurement	*	*		*	*	*	4		*	*
Hydrazine	Permit Requirement 5	. 5 mm 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· (基本公司)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MONITOR A	ND REPORT	MG/L	が強く	i/WEEK	GRAB
	Sample Measurement	*	*		*	*	米			*	*
Ammonia	Permit Requirement	a dia insensi.	湯, 等 特 植		1. X * C / L	MONITOR A	ND REPORT	MG/L	"你就会"	1/WEEK	GRAB
	Sample Measurement	*	*		7.20	•	8.42		0	1/7	GRAB
pH	Permit Requirement		and a second second		6.0	1922 W	90	S.U.		i/WEEK	GRAB
	Sample Measurement	*	* -			•	*			*	
	Permit Requirement '	* /	京 (美) 立		1.445	100 miles	2		* (*)	, 类, •蜗。	7 *
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH			1			TELEPHON	ΙE		DATE
OFFICER		INFORMATION SUBMITTED		•	1 /	· 1	, '			ı	
JOSEPH W. VEN	FOU THE STIBM	LS IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU				A ' A				ı I	
		SIGNIFICANT PENALTIES FO	•			MANAN / Up	704	100 -	-\		AA AB
CHEMISTA MAN	POSSIBILIT	Y OF FINE AND IMPRISON				10/11/03	124	682-5	2115	02 0	98 28 MO DAY
TYPE OR PRINT		under these statutes may		0,000 and or		ATURE OF PRINCUAL E		, 20112-01	DED.	YEAR	MO DAY
COMMENT AND EXPL		ent of between 6 months ar		ente here		FICER OR AUTHORIZED	AGENT CODE	NUMI	DEK		
COMMENT AND EXPL	MATION OF A	MI AIOPVIIONS (Keterence an attacini	icinis nere)			•				
							,				

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006. * HYDLAZING KNO AMMONIA MONITORING CONDITIONS OF WET-LAY UP. THE PLANT WAS NOT IN WET LAY-UP IN JULY 2002.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•											
NAME: First Energ	gy Nuclear Operati	ng Company		(2-16)		(17-1	9)				
	Main Street		PA	.0025615		301					•
Akron, Ol			PERM	IT NUMBER		DISCHARGE	NUMBER				
					MONITORING P	ERIOD					
FACILITY: Beaver Va	alley Power Station	FR	OM YEAR	MO D	AY TO	YEAR · MO	DAY				
LOCATION: Shipping			02		10	02 07	3\	•			
		•			4-25)	(26-27) (28-29	9) (30-31) .	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter		(3 Card Only)	QUANTITY OR LOA	DING	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
							L MANDAINA	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Comple	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)		<u> </u>
	Sample Measurement	上0.001	1 60.∞1		*		*			177	E 37
Flow	Permit Requirement	MONITOR	R AND REPORT	MGD			Barrier State		4. A. j.	· 1/WEEK	ESTIMATE
1100	Sample	•	•			16.2	34.2		0	3/31	GRAB
	Measurement Permit	•	•			30	100 5 100 2	MG/L	(m, 1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· 2/MONTH	GRAB
Suspended Solids	Requirement : Sample	<u> </u>	<u> </u>	· · · · ·		45.0	45.0	11.07.5	0	3/31	GRAB
	Measurement Permit	*	*		*		I	1		-1 -	1.4
Oil and Grease	Requirement	7	*		** > >	🥸 🛷 15°, 😘	200 流行	MG/L		2/MONTH	GRAB
	Sample Measurement		•		•	•	•			*	
ļ	Permit Requirement	(3) A		•	*	5 6 # 12 15	然识,将的单	*	11 Sec. 1	9	· •
	Sample Measurement	•	•		•	*		,	}		
	Permit.	((1) (1) (1)	5 1 44	<u>.</u> .	1.2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	A BULLIANA				3
	Requirement 😩		· · · · · · · · · · · · · · · · · · ·	***		, , , , , , , , , , , , , , , , , , , ,	* 1				
	Measurement	*	*			e de la mile			4.35	14.	
	Requirement:	7.5° 5.		*	** *	196 41 等意	A PARTY OF A	*	<u> </u>	2 121 # 2	*
	Sample Measurement	•	•		•	*	•			*	
}	Permit	man and the state of the state	2 4. 34	· A .	** 2 3 m	第5 *5 を付	能許強的。此名		Transfer in	· * * * * -	•
NAME/TITLE PRINCIPAL EXE			THAT I HAVE PERSONALLY	EXAMINED AND A		<u> </u>		TELEPHON	٧E	I	DATE
OFFICER	WITH THE		TED HEREIN AND BASED					•			
JOSEPH W. UZ	WEDVIDUA NOTVIDUA		nsible for obtaining ti			/	4			ļ.	
	THE SUBM		TRUE, ACCURATE AND CO			Harrilla		4		_	20
CHENISTER MA			s for submitting false in onment see 18 u.s.c. §		م الجاد s.c. §1319.	WIVE SI	1724	- 682-	<u> 51/3</u>	<u> </u>	<u> </u>
TYPE OR PRINT	(Penalties	under these statutes r	may includes fines up to	\$10,000 and or	maximum . 619NA	TURE OF PAINCIPAL E	XECUTIVE AREA			YEAR	MO DAY
		ent of between 6 month			\ \Ori	ficer or authorized	AGENT CODE	NUM	BER	<u> </u>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

imprisonment of between 6 months and 5 years)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy Nuclear Operating Company ADDRESS: 76 South Main Street Akron, OH 44308					(2-16 40025	615		(17-19 401					
Akron, OH 4430	8			PERM	III N	UMBER	MONITORING P	DISCHARGE	NUMBER.				•
FACILITY: Beaver Valley Po	uuan Ctation		ROM	YEAR	МО		AY TO	YEAR MO	DAY				
LOCATION: Shippingport Bor			ROM	O2-	<u>67</u>		21	02 07					
LOCATION: Snippingport Boi	ough, Deave	er County			(22-23		1-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before compi	eting this form
Parameter		(3 Card Only)	OHA	NTITY OR LO	·	·	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(3 Card Only) (4653)	QUA.	(54-61)	ADIN	G	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(5257)		(10 00)		(0.00)			(33 .5)	((* * * * * * * * * * * * * * * * * * *			ANALYSIS	
		AVERAGE		MAXIMUM		UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample surement	۵.∞۱		40.001			*	*	*			1/7	EST
	Permit - quirement	MONITO	OR ANI	D REPORT	,	MGD	*	•	* ↓ * ₹	*	7 % .	1/WEEK	ESTIMATE
Mea	Sample surement	*		*			*	24.0	44.0		0	3/31	GRAB
	Permit quirement	*		(A. €) •		*		30	100	MG/L	. ₩,	2/MONTH	GRAB
	Sample surement	*		*			•	45.0	45.0		0	3/31	GRAG
	Permit quirement	*	`	fr.		*	* .	15	20 \	MG/L	* * *	2/MONTH	GRAB
	Sample surement			•			8.32	*			0	3/31	GRAB
pH Réc	Permit quirement	•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	*	60	•		S.U.	traj 🌞 s	2/MONTH	GRAB
	Sample surement	, *					*		•			*	*
	Permit quirement	, ;*		Arr *	-	*	**	* * * * *	in the state of		Complex Li	ので、	***
Meas	Sample surement	+ ,		*			*	*	•		<u> </u>	*	
	Permit quirement	*	- 4		,	*		1	(1) 14 1 1 1 1 1	*)	表表 第二	*** * * *
Meas	Sample surement	•		*			+	*	•	<u> </u> ,		*	
Red	Permit quirement	1 # *-	验力	· (1)	á	*	* * * * * * * * * * * * * * * * * * * *	17 对***人民家	Fr. 1 7.44. 6.8	*	() (1)	A 12 4 13 4 1.	* *
NAME/TITLE PRINCIPAL EXECUTIVE		INDER PENALTY OF LA								TELEPHON	IE .	j i I	DATE 3
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Jaseph W. Verbon		TTED INFORMATION I						i				i	
CHEMISTER MANAGE	THERE ARE	SIGNIFICANT PENALTI						JUV4VI /	774	682-	5113	02 0	128
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IIILORFAMI		ent of between 6 mon			, 41 0,0	ov aira VI	ØF.	FICER OR AUTHORIZED	AGENT CODE	NUM	BER		
COMMENT AND EXPLANAT					chme	nts here)							

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•											•
NAME: First Energy	y Nuclear Operati	ng Company	(2-	16)		(17-1	9)				
ADDRESS: 76 South M			PA00	25615		501		K (7 7		
Akron, OH	44308	'	PERMIT	NUMBER		. DISCHARGE	NUMBER	1/1	io Uis	SCHARGE	•
•	-				MONITORING P	ERIOD					
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M	O D	AY TO	YEAR MO					
LOCATION: Shippingpo			02- 0	1 0	1	02 0					
			(20-21) (22-3	23) (2	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter	T	(3 Card Only) QU	UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
		AVEDACE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNIIS			 	ONLIB	(02-03)	(04-00)	(65-10)
	Measurement				*	*	*	ł		ļ 	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	** " " " "		*	· 1/WEEK_	ESTIMATE
	Sample Measurement	*			*						1
1	Permit	• ;<			*	20	. 100 "	1467		· i/WEEK	GRAB
Total Suspended Solids	Requirement Sample	* ,		*	*	. 30	100	MG/L	· · · · · · · · · · · · · · · · · · ·	1/WEEK	-
	Measurement	+	*		*	*	*	ļ		+	*
	Permit Requirement				• `	• •	* .5		. •	\$ * ₹	· •
	Sample	•			•		*				
	Measurement Permit			1		 	ļ	1		-	
	Requirement		*	*	*	. *	*7 * * 4	* *	*	, *	*
	Sample Measurement	*			*	*	*			*	4
	Permit Requirement '				• -	* 2	1 . A			* * * .	*
	Sample		•		*						
	Measurement Permit			İ		the second		1	· · •	87 1 1 1	*
	Requirement	(*) (*) / / / / / / / / / / / / / / / / / / /		*	* j,	The second of	1445	*		Ø 5. *	*
	Sample Measurement	•			*		*			*	*
	Permit	4 ~ 表質	Service Control	1 .	* ∴	1357. *美秀	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7 * .	1.18 4.38	· "
NAME/TITLE PRINCIPAL EXEC	Requirement		AT I HAVE PERSONALLY EXA	MINED AND A	'		1	TELEPHON	NE	ľ	DATE
OFFICER			D HEREIN AND BASED ON								
JUSSERH W. VENZ	~~ L\		IBLE FOR O BTAINING THE !!		1 / 1	1	1				
1			ue, accurate and compl or submitting false infor			NUW2/					20
CHEMISTRY MANY	POSSIBILIT		MENT SEE 18 U.S.C. §100		.s.c. §1319.	THE STATE OF THE S	1724	682-5	<u> 113</u>		<u>18</u> <u>28</u>
TYPE OR PRINT	(Penalties		y includes fines up to \$10		maximum SGN	ATURE OF PRINCIPAL E	XECUTIVE AREA			YEAR	MO DAY
	imprisonm	ent of between 6 months a	nd 5 years)		/ OF	FICER OR AUTHORIZED	AGENT CODE	NUM	BER	l	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

*** ***

Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME:	First Energy Nuclear Operating Company_			(2-16)			(17-19)				
	76 South Main Street			PA002561	5			001			
	Akron, OH 44308		PER	MIT NUM	BER		DISCHARGE NUMBER				
					MONIT	ORING PI	ERIOD				
FACILITY:	Beaver Valley Power Station	FROM	YEAR	МО	DAY	TO	YEAR	MO	DAY		
	Shippingport Borough, Beaver County		02_	70	131		02	07	<u> 31 </u>		
		'	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)		

		(20-21) (22-	23) (2	4-25)	(26-27) (28-29	·	10127 1000			leting this form
	(3 Card Only) Q1 (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	entration (54-61)	¢	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	· MAXIMUM	UNITS	. MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
Sample Measurement	58.5	60.2		*	*	*			DAILY	CONT
Permit Requirement	MONITOR A	AND REPORT	MGD	\$ *1, E	*	* 1	*	* 4	DAILY	CONT
Measurement	*	*	,	*				0 .		RECO
Requirement		* .	*	•	02	0.5	MG/L	*		RECORDED
Measurement		*	4		0.06	INSTANT MAX:	•			GEAB
Requirement	: •	- 1 · ·	*	* * *	70.5	1.25	MG/L	* * *		GRAB **
Measurement	*	*	-	*		* 45 `	3,400		WHEN	24 HOUR
Requirement	**		*	*	NOT DETI		MG/L			***
Measurement	*	*		*	*	**		ļ	- WHEN	24 HOUR
Requirement	* .	* , * , .	*	*	*	35 0	MG/L	* *	DISCHARG	COMPOSIT
Measurement	, *	*	<u> </u>	*		, ^1		/		24 HOUR COMPOSIT
Requirement.	1 mg * (*)	• 3-1	*		0.2	0.2	MG/L	<u> </u>	^2/YEAR	COMPOSIT
Measurement	*	*,	- .	*						24 HOUR
Requirement	4 11	• • • •	*	***	√ 1.0 **	1.0				DATE
CUTIVE I CERTIFY WITH THI INDIVIDUA THE SUBM THERE AR POSSIBILI (Penalties	INFORMATION SUBMITTE LLS IMMEDIATELY RESPON INTTED INFORMATION IS T E SIGNIFICANT PENALTIES ITY OF FINE AND IMPRISO under these statutes in	ED HEREIN AND BASED OF SIBLE FOR OBTAINING THE RUE, ACCURATE AND COMP FOR SUBMITTING FALSE INFO NIMENT SEE 18 U.S.C. \$10 ay includes fines up to \$1	N MY INQUIS INFORMATION PLETE, I AM ORMATION, IN 01 AND 33	N. I BELIEVE AWARE THAT ICLUDING THE U.S.C. §1319 or maximum			-6 8 z-	<u> </u>	OZ YEAR	MO ZZ
	Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement CUTIVE I CERTIFY WITH THE INDIVIDUATION THE SUBM THERE AR POSSIBILIT (Penalties	Sample Measurement Permit Requirement Permit Requir	(3 Card Only) QUANTITY OR LOADI (46-53) (54-61) AVERAGE MAXIMUM Sample Measurement 50.5 60.2 Permit Requirement MONITOR AND REPORT Sample Measurement Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Cample Measurement Permit Requirement Permit Requirement Sample Measurement Permit Requirement Permit Requirement Sample Measurement Permit Requirement Permit Requireme	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61) AVERAGE MAXIMUM UNITS Sample Measurement MONITOR AND REPORT MGD Sample Measurement * Permit Requirement * Permit Requirement * Sample Measurement * Permit Requirement * Permit Requirement * Sample Measurement * Permit Requirem	(3 Card Only) QUANTITY OR LOADING (4 Card Only) (46–53) (54-61) (38-45) AVERAGE MAXIMUM UNITS MINIMUM Sample Measurement 50. S 60. Z. Permit Requirement MONITOR AND REPORT MGD ** Permit Requirement ** Permit Requirement ** Permit Requirement ** Permit Requirement ** Sample Measurement ** Permit Requirement ** Permit Requirement ** Sample Measurement ** Permit Requirement ** Permit Requirement ** Sample Measurement ** Permit Requirement ** Permit Requirement ** Sample Measurement ** Permit Requirement **	AVERAGE MAXIMUM UNITS MINIMUM AVERAGE Sample Measurement Son S GO. Z MGD AVERAGE MAXIMUM UNITS MINIMUM AVERAGE Fermit Requirement MONITOR AND REPORT MGD AVG CONC OCCURRENCE MAY CONC OC	Card Only QUANTITY OR LOADING (4 Card Only) QUALITY OR CONCENTRATION (38.45) QUALITY OR CONCENTRATION (38.45) QUALITY OR CONCENTRATION (46-53) (54-61)	Card Only QUANTITY OR LOADING (4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)	Gard Only QUANTITY OR LOADING (46-53) QUALITY OR CONCENTRATION (46-53) (34-61) EX	CONT CONT

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

* CLAMTRUL (CT-1) WAS NOT APPLIED OR DISCHARGED IN JULY 2002. **
** DT-1 ESTIMATED AS NON-DETECTABLE PER NPOES PERMIT PARTC, SECTION IS

First Energy Nuclear Operating Company

NAME:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(2-16)

ADDRESS: 76 South M	ADDRESS: 76 South Main Street					001 (CO					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				•
<u> </u>				1	MONITORING P	ERIOD					
FACILITY: Beaver Val	lley Power Station	n FROI	M YEAR M	O D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0		21	02 07	31				
Eccition: Supplinger	ore Borough, Bour	rer county	(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Read	d instruction	is before comple	eting this form
		(10.10.1)	JANTITY OR LOAD		(4 Card Only)	QUALITY OR CONC	· · · · · · · · · · · · · · · · · · ·		NO.	FREQUENCY	SAMPLE
Parameter (32-37)	1	(3 Card Only) QU (4653)	(54-61)	ING	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32-37)		(4033)	(34-01)		(30-43)	(40-55)	(54-01)			ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample				**	**	**			**	**
	Measurement	*	*	_	~~	76.76	7.7	1		4-6	
Hydrazine	Permit Requirement	*	•		NOT DET	ECTABLE USING AS	TM D-1385	MG/L	*	1/WEEK	GRAB
	Sample	•			**	**	**			**	**
	Measurement Permit			-				1			
Ammonia	Requirement	· •	*	*		MONITOR A	ND REPORT	MG/L	*	1/WEEK	GRAB
	Sample Measurement	•			40.01	0.015	0.02	1		² /31	GEAB
	Permit			1				1			GRAB
PhenoIs	Requirement	*	* ′	*		MONITOR A		MG/L		2/MONTH	
	Sample Measurement		•			0.67	0.76			2/31	Gens
•	Permit	•		7.		MONITOR A	ND REPORT	MG/L	* .	2/MONTH	GRAB
Iron	Requirement Sample		*	 				1110/2	 	2/31	GRAB
	Measurement	. *	*	_		0.49	0.54	4		731	CORO
Aluminum	Permit Requirement		*		: "-	MONITOR A	ND REPORT	MG/L	2 *	2/MONTH	GRAB
	Sample		•		8.23	•	8,41		0	17	GLAB
	Measurement Permit			-{		<u> </u>	. 23.9	1	S		
рН	Requirement	*		*	60	', "	9.0	S.U.	\$ ·	1WEEK	'GRAB_
	Sample Measurement		· •							*	*
	Permit			1 .	1	スジ * * * * * * * * * * * * * * * * * * *	3 × 1	1, .	3 * 2	~ ?* .	· •
	Requirement '	*	* * /	<u> - * </u>		77.57 * 3	1 77	TELEPHON		1	DATE I
NAME/TITLE PRINCIPAL EXEC OFFICER		UNDER PENALTY OF LAW THE INFORMATION SUBMITTEE					ł	TELEFIIO	115	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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I I		E SIGNIFICANT PENALTIES FO				MMUNIS /	724	682-	マリマ	02	03 28
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TYPE OR PRINT		under these statutes ma	•	0,000 and or		ATURE OF PRINCIPAL E			RER	IEAR	MO DAI
COMMENT AND EXPL		nent of between 6 months a		manta here		TICER OR AUTHORIZED	AGENT CODE	1101/1		L	1
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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

FY HYDEAZINE AND AMMONIA MODITORING APPLY DURING PERIODS OF WETLAY-UP.
PLANT WAS NOT IN WET LAN-UP IN JULY 2002.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	First Energy Nuclear Operating Company (2-16)			(17-19)						
ADDRESS: 76 South M	ain Street		PA002			102					
Akron, OH	44308		PERMIT 1			 DISCHARGE I 	NUMBER				•
·					MONITORING PI						
FACILITY: Beaver Vall					AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	rt Borough, Beav	er County	02 0			02 01	31			b.61	tina this form
			(20-21) (22-2		4-25)	(26-27) (28-29	, , , , , , , , , , , , , , , , , , , ,	NOIE: Read		ns before comple	
Parameter			JANTITY OR LOADII	NG	(4 Card Only)	QUALITY OR CONC			NO. EX	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TIFE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	40.001	40.∞1		*	*	*			2/31	EST
Flow	Permit Requirement	MONITOR A		MGD	*	*	*	*		2/MONTH	ESTIMATE
1104	Sample Measurement	•	*		*	6.6	9.1		0	731	GRAB
Suspended Solids	Permit Requirement	•	*	*	*	30	100 -	MG/L	*	2/MONTH	GRAB
Suspended Solids	Sample	*	*		*	25.0	45.0		0	2/31	GEAB
O'! 1 C	Measurement Permit	•	*	*	*	15	20	MG/L	•	2/MONTH	GRAB
Oil and Grease	Requirement Sample	•	•		7.30	*	7.82		3	2/31	GRAB
	Measurement Permit	•	•		60	*	9.0	S.U.		2/MONTH	GRAB
рН	Requirement Sample Measurement	•	•		*	*	*			*	*
	Permit		•	*	*	*	* 4	1 .	+	5 m	*
	Requirement Sample Measurement		• ,		*		*			*	*
	Permit	,,	3. 1. €		•		***************************************	1 .	ŵ,	1 mg * 13	S .
· · · · · · · · · · · · · · · · · · ·	Requirement Sample										
	Measurement	*	*		*	*	*	ł			
	Permit Requirement	1.5 · 3	一、	*	♦ 1 €	्रियों 2 कर म ा	** **	*	*	2783.44	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH					ł	TELEPHON	IE	E	PATE
OFFICER		INFORMATION SUBMITTEE									
JOSEPH W. VENT	THE STIBLE	ALS IMMEDIATELY RESPONS				/, ۱					1
THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. §					LUDING THE	MWWZ	724	- 68z-	<u> 5113</u>	02	28 MO DAY

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

TYPE OR PRINT

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

SKINATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

AREA-

CODE

NUMBER

Page 1 of 1

MO

YEAR

DAY

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

(Penalties under these statutes may includes fines up to \$10,000 and or maximum

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

:											
	Nuclear Operation	ng Company	(2-	16)		(17-19					
ADDRESS: 76 South M	ain Street		PA003	25615		002					
Akron, OH	44308		PERMIT 1	NUMBER		DISCHARGE	NUMBER				•
		•			MONITORING P	ERIOD	-				
FACILITY: Beaver Vall	ev Power Station	FRO	M YEAR MO	D C	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0		٥١	02 07	31				
			(20-21) (22-2		4-25)	(26-27) (28-29		NOTE: Rea	d instruction	ns before compl	eting this form
Parameter		(3 Card Only) QU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
						,	· · · · · · · · · · · · · · · · · · ·			Analysis	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.006	0.046		*	*	*			77	E 3T
Flow	Permit Requirement	MONITOR A	ND REPORT	_MGD_	* * * * * * * * * * * * * * * * * * * *	秦 智 ()	. F #235/25	* '	14年間	//WEEK	ESTIMATE
	Sample Measurement	•	*		*	*	*	•		*	• •
	Permit Requirement **	1.4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	李二十二十十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二	*	*1 \$	3. d *	47.45			は強・強い	
	Sample Measurement	•	+		+	+	*	-		*	*
	Permit Requirement	1 m		*	. #4 50	Sp. 43 2	· *4 (1)	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	编(数)	5 * .
	Sample Measurement	•			•	+				*	*
	Permit Requirement	وُ مِنْ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ	· · · · · · · · · · · · · · · · · · ·	*	* ju	3.55	*C. 5 %	*	* (3)		<i>ii</i> ∗
	Sample Measurement	•	•		+	*	•			*	•
	Permit 'Requirement	₩	· * * * * * * * * * * * * * * * * * * *	*	* - \$ - 2 2 2	40 1000	* 1,28	*		Carrier.	\ *
	Sample Measurement	*	*		at the state of th		*			*	*
	Permit Requirement	シウはない。	7 - 4 M. 18	•	* 1	然以	1、14公务党	*	· Sales		ı, *
	Sample Measurement	•	•		*	*	*		·	٠	*
	Permit Requirement	A 5 4 14 A	学 新新港	*	√3 , ".a. * «	\$5 th # 5 1	·································	•	18 14		· *
NAME/TITLE PRINCIPAL EXECU	JTIVE I CERTIFY U	INDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	E	1	DATE :
OFFICER		INFORMATION SUBMITTED								1	
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^	, , , , , , , , , , , , , , , , , , , ,	SIGNIFICANT PENALTIES FOR	·			1 hunnh		6 M-		40 /	30 30
CHEMISTON MANY	POSSIBILITY	Y OF FINE AND IMPRISONM	MENT SEE 18 U.S.C. §1001	AND 33 U.	s.c. §1319.	<u>/w" / </u>		682-	<i>SII</i> उ ।		38 <u>28</u> MO DAY
TYPE OR PRINT		under these statutes may		,000 and or		TURE OF PRINCIPAL EX		\III m er	,,,,	YEAR	MO DAY
COMMENT AND EVEL		ent of between 6 months an		anta harri		ICER OR AUTHORIZED	AGENT CODE	NUMI	DEK	l	
COMMENT AND EXPLA	anation of Ai	NI VIOLATIONS (I	Reference all attachm	ents nere)							

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	Nuclear Operat	ing Company_	(2.	·16)		. (17-15	"				
ADDRESS: 76 South M	ain Street		PA00	25615		103					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				•
					MONITORING P	ERIOD					
FACILITY: Beaver Vall	ley Power Statio	n FRO	M YEAR M	O D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0	7 . 0)(02 07	31				
	<u> </u>		(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before comp	leting this form
Parameter	1	(3 Card Only) Q1	UANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
, , ,]	ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.014	0.14]	•	*	*			31/31	Mex
Flow	Permit Requirement	MONITOR A	AND REPORT	MGD	*	•	•	•	•	2/MONTH	ESTIMATE
	Sample Measurement	*	*		*	14.1	24.2	<u> </u>	0	731	COMP
Suspended Solid	Permit Requirement	•	•	•		30	100	MG/L	*	2/MONTH	24 HOUR COMPOSITE
	Sample Measurement	*	*		7.36	•	7.40		0	2/31	GRAB
рН	Permit Requirement				60	*	90	S U.	* ,	2/MONTH	GRAB
	Sample Measurement	•	•		*	*	*			*	+
	Permit Requirement	*	•	•	+	*		*			
	Sample Measurement	*	*		•	•	*			*	•
	Permit Requirement	. •	*	•	*	•	* .		*	*	•
	Sample Measurement	*	*		*			·		•	•
	Permit Requirement	*	•	*	*	•		+	*	. *	•
	Sample Measurement		*		*	•					•
	Permit - Requirement	1 *	•	•		15 C + 17 F	ti 🔐	*	*	m ', * '	<u> </u>
NAME/TITLE PRINCIPAL EXECU		UNDER PENALTY OF LAW TH			•			TELEPHON	1E		DATE
OFFICER		E INFORMATION SUBMITTE		,							
JOSEPH W. Val	LHE CIBE	ALS IMMEDIATELY RESPONS TITTED INFORMATION IS TR				1				[i l
C	THERE AR	E SIGNIFICANT PENALTIES FO	•			Mundle	Dol	102-	~112		m
	- HEMISTEN WANAGOR POSSIBILITY OF FINE AND IMPRISONME				s.c. §1319.	HUNDY V		682-	2112	<u> 02 0</u>	<u> 28</u>
TYPE OR PRINT (Penalties under these statutes may include imprisonment of between 6 months and				0,000 and or		TURE OF PRINCIPAL EX		NUMI	DED	YEAR	MO DAY
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COMMENT AND EXPLA	ana hun up a	MII AIOPVIION2 (Reference all attachn	nents nere)	1/			•			

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

ADDRESS: 76 South M	ng Company	PA00	25615		(17-19 203 · DISCHARGE 1	·					
Akron, OH	44308		PERMIT		MONITORING P		NOMBER				•
FACILITY: Beaver Val LOCATION: Shippingpo	ley Power Station ort Borough, Beav		YEAR M OZ O (20-21) (22-	0 D	AY TO	YEAR MO 02 01 (26-27) (28-29	DAY 3(.	NOTE: Read	1 instruction	ns before comple	eting this form
<u> </u>			\- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			OUALITY OR CONC		1012, 11011	NO.	FREQUENCY	SAMPLE
Parameter (32-37)		(3 Card Only) QU (4653)	ANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	(46-53)	(54-61)		EX.	OF	TYPE
(52-57)		(10 00)		+					455 553	ANALYSIS	((0.70)
		AVERAGE	MAXIMUM -	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.010	*		•	*	*			1/7	MEAS
Flow	Permit Requirement	0.023	*	MGD	*	, •	* ,	. •		1/WEEK	MEASURED
Flow	Sample	•	•	11100	*	3.2	3.4		0	2/31	SHE
	Measurement Permit			1.	*			MG/L	•	2/MONTH	8 HOUR COMPOSITE
CBOD-5 Day	Requirement Sample	. *	*	*		25	50	MO/L	0	2/31	SHR
	Measurement	*	*	1 :	* ,	7.4	୫.୦			731	8 HOUR
Suspended Solids	Permit Requirement	•	•		•	30	60	MG/L	*	2/MONTH_	COMPOSITE
	Sample Measurement	•		,	•	: 0.30	0.32		0	2/31	GRAB
The Control Chief	Permit		•	1.		⁴ 1.4	INST MAX	MG/L	*	2/MONTH	GRAB
Total Residual Chlorine	Requirement Sample	•	*	 	•	0.0	0.0		0	431	GRAB
Fecal Coliform May 1 to Sep 30	Measurement Permit			, ,		- 200	1000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-
May 1 to Sep 30 Oct 1 to Apr 30	Requirement	* # 5°	* * ~	* "		. 2000	<u> </u>	#/100 ML	0	2/MONTH	GRAB
	Sample Measurement	•	*	,	7.25	. *	7.98		<u> </u>	2/3(GRAB
рН	Permit Requirement				, 60	**	9.0	S,U.	*	2/MONTH	: GRAB
<u> Eikono - </u>	Sample Measurement			,	. *	*	*	`	`,		*
	Permit	3		1.	1,14	υ #4 ξυ	1		· 📲	#. 3 ¥ * ½ ·	*
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER JOSEPH W. VENZON I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILL WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR 0 BTAINING THE INFORMATION. I BELIE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE TH THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING T POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §13						mu Ny	724 XECUTIVE AREA	TELEPHON	5113_	02 0	DATE 28 DAY
TYPÉ OR PRINT	(Penalties	under these statutes may	maximum Story	ATURE OF PRINCIPAL EX	ACCITIVE AREA		nmn				

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OFFICER OR AUTHORIZED AGENT

CODE

NUMBER

Page 1 of 1

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•											
NAME: First Energy	Nuclear Operation	ng Company	(2-	16)		(17-19))				
ADDRESS: 76 South M		- <u>8 </u>	PA003			303					
Akron, OH		······································	PERMIT	NUMBER		DISCHARGE 1	NUMBER				•
				1	MONITORING PI						
FACILITY: Beaver Vali	ey Power Station	FRO			AY ,TO	YEAR MO					
LOCATION: Shippingpor	rt Borough, Beave	er County	02 0)(02 07	,3				Al Abla famos
			(20-21) (22-3	23) (24	1-25)	(26-27) (28-29		NOTE: Rea		ns before comple	
Parameter		(3 Card Only) QL	JANTITY OR LOADI	NG .	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	1116
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample			UNITS		TVERTOS				1/7	EST
·	Measurement	0.019	0.056		*	*	-			 	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD_	*		*	+	*	1/WEEK	ESTIMATE
	Sample Measurement	+			*	7.7	10.0		0	1 1/7	GRAB
	Permit		*	1 .	*	30	100	MG/L		1/WEEK	GRAB
Suspended Solids	Requirement Sample	+	*	-			8.0	MOL	0	1/7	GEAB
	Measurement	*	*	1	*	45.0	8.0	-	-		
Oil and Grease	Permit Requirement	*	*	*	*	15	20	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*			7.26		7.56	1-	. 0	17	GRAB
	Permit	•	* ,	1 .	60	. *	9.0	s v.	*	i/WEEK	GRAB
pH	Requirement				i e			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
ĺ	Measurement	*	*	4	*	*	*	-{ ⋅ ・	-	 	
	Permit Requirement	• 1	*		<u> </u>	•	. *	*	, *	*	* -
	Sample Measurement	*	*				*		۸.	*	•
1	Permit	,		1 .	***	/ ; · · · · · ·	** ***		.t	.v * ',	
	Requirement Sample			+				 	1	•	
	Measurement	*,	*	.	*	*	* **	-	<u> </u>		/ H**
	Permit . Requirement	* . *	*v = x * , **	*		1 3 1 2 W 1 2 A	* * 3 - 2	*	. * 4.	1	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH				, *		TELEPHO	NE , .	. 1	DATE -
OFFICER	WITH THE	INFORMATION SUBMITTE LLS IMMEDIATELY RESPONS	D HEREIN AND BASED ON	MY INQUIR	Y OF THOSE			•			
JOSEPH W. VEN		ILS IMMEDIATELY RESPONS ITTED INFORMATION IS TR				11.1			,		1
11			OR CURNICIPATING PATCE BIEG	DATATION IN	CLUDING THE	/רטמינון	724	-682-	S 113	1001	08 <u>28</u>
CHEMISTON MAN	AGENU POSSIBILIT	TY OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	1 AND 33 U	ا.s.c. §1319. ا	N //	(2	1 000	<u>راال</u>	QZ (28 28 MO 128

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

imprisonment of between 6 months and 5 years)

(Penalties under these statutes may includes fines up to \$10,000 and or maximum

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Page 1 of 1

YEAR

NUMBER

AREA

CODE

ØFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

racinty trame / Location)	•		Dibe	, imito	Montagana	TELL OTTE (DIVIN)						•
	y Nuclear Operati	ng Company	(2-			(17-19						
ADDRESS: 76 South M		· · · · · · · · · · · · · · · · · · ·	PA00			403		•	M i	\		
Akron, OH	44308	 	PERMIT			DISCHARGE	NUMBER		1001	DISCHA		,
EAGILYETT D. V.	1 5 5 1	EDO	VEAR I W		MONITORING P		DAY	•				
FACILITY: Beaver Val												
LOCATION: Shippingpo	n Borougn, Beav	er County	(20-21) (22-2		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ons before com	nleting thi	s form
						<u> </u>		TOTE: ICA	,	FREQUENCY		MPLE
Parameter (32-37)		(3 Card Only) QL (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	OF		YPE
(32-37)		(40-55)	(54-61)		(30.43)	(10 05)	(0.0.)			ANALYSIS		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69	9-70)
	Sample Measurement					*	*	, ,	1	ł		
Flore	Permit: 3.	* · · · · · · · · · · · · · · · · · · ·	ND REPORT	MGD	3-9-1/2	· 概念。	3 · 斯克克		震響注	1/WEEK	ESTI	IMATE
Flow	Requirement .:	* MONTOR A	ND REPORT	MOD	*	1,00			,,,,,,	J. W. Core		
	Measurement Permit	·	Survey of the state of the stat	ł		1 grant 1 gr	3 1 . " " 1 C . Co	1	*35°	I/WEEK		
Suspended Solids	Requirement '		ない。	*.	1 44 12	30	100	MG/L	4424	% I/WEEK	. GI	RAB
ļ	Sample Measurement	*	*]	*							
Oil and Grease	Permit Requirement 3	·	· 海河 (東京) (1)			\$ -% 15 ·	20 - 3	MG/L	5 15% 7 1 # 5 1	WEEK !		RAB
	Sample Measurement	. •	*	ĺ	*					,		
Hydrazine	Permit Requirement		唐一首 新新河	*	NOT DET	ECTABLE USING AS	STM D-1385	MG/L		* I/WEEK	💛 👯 GI	RAB
	Sample Measurement	*	+			•						
Ammonia	Permit Requirement	猫 14 もない。			1 1 1 mg 1 1 mg	MONITOR A	ND REPORT	MG/L	10 ye # 10 ye	N. IWEEK	· i v. · G	RAB
2 3311107114	Sample Measurement		*		*							
	Permit : A &		J 5 34 5 5	١.	****	05	INSTANT MAX:	MG/L	7 , 35 , 4	1/WEEK	515 °C	RAB
Total Residual Chlorine	Requirement 2 Sample			<u> </u>		03	1.23)	MOL		·	1 3	1010
	Measurement Permit	*	# #E tentaria.	-		N. 10 77 1	1		A 10 . 0	WHEN :-	241	HOUR
Clamtrol (CT-1)	Requirement F	9 1 1 6 66	的一般的一个形			NOT DET	ECTABLE -	MG/L		DISCHARGE		POSITE
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH						TELEPHON	NE	1 1	DATE -	<i>?</i> "
OFFICER	1 properties	INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI		-	1 4	١ ١						I
Joseph W. Var	THE SUBM	ITTED INFORMATION IS TRU			1 1	1 land				1 1		
		SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFOR	MATION, IN	CLUDING THE	LUUM)5/	774	682-5	112	02	<u>8</u>	70
CHEWISTON MANA		Y OF FINE AND IMPRISON				TURE OF PRINCIPAL E		CX-2	2117	YEAR .	MO	Z8 DAY
I YPE OK PRINT	TYPE OR PRINT (Penalties under these statutes ma			,uu and or		FICER OR AUTHORIZED		NUMB	ER	1 LAK	1710	
COMMENT AND EXPL				ents here						•		

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 2

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	Nuclear Operati	ng Company_	(2-	16)		(17-19))		11		
ADDRESS: 76 South M				25615		403			1/0	USCHAR	RE .
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE N	NUMBER				
					MONITORING P			‡			
FACILITY: Beaver Vall					AY TO	YEAR MO	DAY			1	
LOCATION: Shippingpor	rt Borough, Beav	er County	02 0			02 07	31	NOTE D		,	eting this form
			(20-21) (22-		1-25)	(26-27) (28-29)		NOIE: Rea		ns before comple	
Parameter			ANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CONCI	ENTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EA	ANALYSIS	1
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample		*								
	Measurement Permit			1 .	_	_	25.0	· MC//		WHEN DISCHARGE	24 HOUR COMPOSITE
Betz DT-1	Requirement	*	*	*		* ,	35.0	MG/L		DISCHARGE	COMPOSITE
	Sample Measurement	*	*			*					
рН	Permit Requirement		*		60	•	90	S.U.		1/WEEK	GRĂB
	Sample Measurement		*		• •	*	*			• .	*
-	Permit Requirement	*		1 .	*	*			*	*	*
	Sample	•			, ,		*				*
	Measurement Permit				•	•			* .	. •	. •
	Requirement Sample			 	•		* .1	,			•
	Measurement Permit	*	*	-	*		, ,	1 .		7.	
	Requirement	- *	*	*	* ~	*	* *	*			
	Sample Measurement	*	*	1	*	*	*	1,		*	*
	Permit :				, *	50.	± • * * * ₹ ₹	*	*	*	*
	Sample Measurement	*]	•	*	*	<u>}:</u>		, *	•
	Permit Requirement		٠,	1 .	*` . ; .		* ±23°€.	*	. * 1	7.	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	AMINED AND	M FAMILIAR			TELEPHO	NE	1	DATE
OFFICER		E INFORMATION SUBMITTE				1		,		,	
JOSEPH W. Ven	(2a) INDIVIDUA	ALS IMMEDIATELY RESPONS ITTTED INFORMATION IS TR				1 1		•			
							174	107-	117	\sim	8 28
CHEMISTER MAN	ABEL POSSIBILI	TY OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	11 AND 33 U	s.c. §1319.	TV-7	124	682-3	7112	YEAR -	MO DAY
TYPE OR PRINT	TYPE OR PRINT (Penalties under these statute imprisonment of between 6 mg				maximum SigN	TURE OF PAINCIPAL EX	XECUTIVE AREA AGENT CODE	NUM	BER	IEAR	DA!
COMMENT AND EXPL				nents here		, CER OR AUTHORIZED	AGENT CODE	1.		<u> </u>	
COMMENT AND EXPL	ANATION OF F	TAT AIOPVIIONS	reservince air attacin	nomes noro,	′ \ /			•			

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 2 of 2

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	/ Nuclear Operation	ng Company	(2-	16)		(17-19	9)				
ADDRESS: 76 South M		<u> </u>	PA00			003	7				
Akron, OH			PERMIT			DISCHARGE	NUMBER				4
7,5000, 011	44300	······	1 DIGITI		MONITORING P		NOMBER				
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo											
LOCATION: Shippingpo	n borough, beav	er County				02 07		NOTE: D.		1	-4141-6
	1		(20-21) (22-		4-25)	(26-27) (28-29	<u> </u>	NOIE: Rea	a instructio	ns before compl	
Parameter			UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
·		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample			OMITS	MINIMATOM	AVERAGE	MAXIMOM	UNITS	(02-03)		
	Measurement	0.043	0.189		* '	*	*.			2/31	Est
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	A. 水源 4篇	蓝際(中) 计人	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*	~ 2 * 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	2/MONTH	ESTIMATE
	Sample Measurement					0.66	. 1.1	,		2/31	GRAB
Iron	. Permit . Requirement *	7. 7 × 1. 3	· · · · · · · · · · · · · · · · · · ·	* ,	20 AND 188	MONITOR'AL	ND REPORT	MG/L	10 Targing	2/MONTH	GRÅB
	Sample Measurement	•	•	,	*	0.35	0.58			2/31	GRAB
Aluminum	Permit Requirement	(i) 1 × 1 × 10			李、高端高端		1 . 7 . 151 2 5 10	MG/L		2/MONTH	GRAB.
	Sample Measurement	*			*	40.01	40.01			43	GEAR
Db1-	Permit .	· 24	64778		7. ¥293×3.5	MONITOR A			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	PT 60	44
Phenois_	∴ Requirement ↔ Sample	· · · · · · · · · · · · · · · · · · ·	1 19 19 1 16	*	AT HIS PROPERTY	MONITOR AL		MG/L	1" 1 " " ",	2/MONTH	GRAB
	Measurement Permit	*	•		*	15.5	16.0			2/31	GRAB
Nitrate-Nitrite	Requirement	\$100 ·	2 多电报	*	是一次。當時時	MONITOR AL	VD REPORT	MG/L	200 gar c	2/MONTH	GRAB :
	Sample Measurement	-#	. •		• ,	1.5	2.0	1		· 2/31	SPAB
Phosphorus	Permit Requirement	(ない) (ない) (ない)	一次 计通路流移	•	\$2013(A)	MONITOR A	VD REPORT	MG/L	7. 模心器	2/MONTH	GRAB
	Sample Measurement' -	•	* *		* ,	15 * ;	4		Ţ	•	, ,
	Permit - Requirement	1	"人"《高麗》(漢	/* + *	7	がた。 *C か	· 一分数件等	*	1404954	经验	"这个是
NAME/TITLE PRINCIPAL EXECT		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON			ATE
OFFICER		INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE	•]		
JOSEPH W. VENS	INDIVIDUAL		BLEFOR OBTAINING THE IN			1	. 1 23	1			1
^	, , , , , , , , , , , , , , , , , , , ,		JE, ACCURATE AND COMPLI			Minney	.] ,	,		}	1
CHEMBROY MARVI	OR SUBMITTING FALSE INFORMENT SEE 18 U.S.C. §1001			יייאט א	77/_	6825	113	02 0	<u>ාප 28 </u>		
TVPF OR PRINT			MENI SEE 10 U.S.C. 91UUI 1 inolydaa finaa uu to \$10			TIME OF PRINCIPAL EX		<u> </u>		255 -	MO DAY

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Page 1 of 1

NUMBER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	NAME: First Energy Nuclear Operating Company ADDRESS: 76 South Main Street					(17-19	9)				
			PA00			004	,				
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER	•			•
EACH ITY. Decree Ve	II D Ch. d.	- FRO	V V V V		MONITORING P						
	lley Power Statio				DAY TO	YEAR MO					
LOCATION: Shippingpo	on Borougn, Bear	ver County	(20-21) (22-		4-25)	(26-27) (28-29	3(30-31)	NOTE: Dec	d Instruction	ns before compl	ating this form
	Ţ				<u> </u>	<u> </u>		NOIE: Rea			
Parameter (32-37)		(3 Card Only) Qt (4653)	UANTITY OR LOADI	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	ENTRATION (54-61)		NO. EX	FREQUENCY OF	SAMPLE TYPE
(32-31)		(4055)	(54-61)		(38-43)	(40-33)	(34-01)		5	ANALYSIS	1116
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	2.8	7.7		*	•	*			1/7	MEAS
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	4 4 T	(* *	*	*	*	1/WEEK	MEASURED
	Sample Measurement	. •			*	0.10	0.22		0	1/7	GLAB
Free Available Chlorine	Permit Requirement	•	*		*	AVG CONC 02	MAX CONC	MG/L	*	1/WEEK	GRAB
·	Sample Measurement	*			*	0.20	0,36		0	1/7	GLAB
Total Residual Chlorine	Permit Requirement	*		1 .	- *	0.5 ;	1.25	MG/L	*	1/WEEK	· GRAB
	Sample Measurement				*	0.22	*	1	,	2/31	GRAB
Iron	Permit Requirement	* .	*	1 .	7 •	MONITOR A	ND REPORT	MG/L	2 *	2/MONTH	GRAB
	Sample		•		*	0.46	0.62			2/31	GEAS
	Measurement Permit		,	1	, ,	1.2		 	-		1
Aluminum	Requirement Sample	•	· •	*	*	MONITOR A		MG/L	. *	2/MONTH	GRAB
	Measurement		*			0.012	0.013	_		2/31	GRAB
Phenois	Permit Requirement	∗ 7,	* * *		5	MONITOR A	ND REPORT	MG/L	2, * 2.	2/MONTH	GRAB
	Sample Measurement	•	*		*	,	′ '			,	
Chromium	Permit Requirement				£ .	0.2	0.2	mg/I	.: * .:	2/YEAR 7	GRAB
NAME/TITLE PRINCIPAL EXEC	TUTIVE I CERTIFY	UNDER PENALTY OF LAW TH	IAT I HAVE PERSONALLY EX	MINED AND	AM FAMILIAR			TELEPHON	νE	I	DATE
OFFICER	ĺ		D HEREIN AND BASED ON	-		1		•			
JOSEPH W. VEN	17.4.1		IBLE FOR O BTAINING THE I' UE, ACCURATE AND COMPI			MANUAN					
1 15cm more Mari	THERE ARI		OR SUBMITTING FALSE INFO			רעיואן זען	ファク	+ 682-	5113		08 Z
						ATURE OF PRINCIPAL E		1 60c	<u> </u>		08 28 DAY
THE OKTAIN	THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. I POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 (Penalties under these statutes may includes fines up to \$10,000 and imprisonment of between 6 months and 5 years)				Pion	FFICER OR AUTHORIZED		· NUM	BER		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy ADDRESS: 76 South 1	PA00	-16))25615		004 (CO DISCHARGE	NT)						
Akron, OF	1 44308		PERMIT	NUMBER	MONITORING P		NUMBER			•	•
FACILITY: Beaver V	allar Danna Ctatia	n FRO	M YEAR M		MONITORING P DAY TO	YEAR MO	DAY				
LOCATION: Shipping	alley Power Statio		OZ C		01	0Z 07	31				
LOCATION: Shipping	port Borough, Bea	ver County	(20-21) (22		4-25)	(26-27) (28-29		NOTE: Read	d instructio	ns before compl	eting this form
Parameter		(3 Card Only) OI	UANTITY OR LOAD		(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(46-53)	(54-61)	ING	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(3237)		(10 00)	(0.00)		(55.15)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	*	*		*						<u> </u>
Zinc	Permit Requirement		•			10	10	MG/L		2/YEAR	GRAB
3.110	Sample Measurement	*	*		8.28	*	8.32			1/7	GLAB
pH	Permit Requirement	. •		7.	60	*	9.0	s v.		1/WEEK	GRAB
	Sample Measurement	*	*	-	•	*	*			*	*
	Permit Requirement	*	*		•	*		1 *	*	*	
	Sample Measurement	*			*	*				*	•
	Permit Requirement		*	1 .	+~			1 *	*	•	*
	Sample Measurement	•	*		*	*	*			*	•
	Permit Requirement		*	7 .	+	**	*	*	*	*	*
	Sample Measurement	*	*		*	*	*				*
	Permit Requirement	* .		7 .	*	· • • • • • • • • • • • • • • • • • • •	* '		•	*	
	Sample Measurement	*	*		*	+	*			•	*
,	Permit Requirement	,^. *	•	ገ •	•	7.	*	*			•
NAME/TITLE PRINCIPAL EXI		UNDER PENALTY OF LAW TO	HAT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAR		1	TELEPHON	VE	- 1	DATE
OFFICER	,	E INFORMATION SUBMITTE			 		į				
JOSEPH W. VE	-TO 1 / AS 1 / AT	ALS IMMEDIATELY RESPONS SITTED INFORMATION IS TR				\					1
CHEMILTRY MA	CA . A THERE AR	E SIGNIFICANT PENALTIES F				LILAN WY Uz	774	t 682-	512	02	09 28
		TY OF FINE AND IMPRISON				ATURE OF PRINCIPAL E			<u> </u>		MO DAY
TYPE OR PRINT		under these statutes ma ment of between 6 months a				FICER OR AUTHORIZED			BER		
COMMENT AND EXP				ments here	(i)						
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Page 1 of 2

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energ ADDRESS: 76 South M Akron, OH FACILITY: Beaver Va LOCATION: Shippingpe	(2- PA00 PERMIT) M YEAR M O7- C (20-21) (22-	25615 NUMBER	MONITORING P DAY TO	25) (26-27) (28-29) (30-31) (4 Card Only) QUALITY OR CONCENTRATION				DISCHA			
Parameter (32-37)		(46–53)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45) MINIMUM		, (,	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	·	1		ONTS	(02-03)	(04-00)	(0)-70)
Flow	Measurement Permit Requirement	MONITOR	AND REPORT	MGD	*	•	* * * *	•	7.	1/WEEK	ESTIMATE
FIOM	Sample	MONTOKA	*	MOD			*		1		*
	Measurement Permit	•	/* · · · · ·		•		 		7.* /	2 (*) 2 (*) (*	+
	Requirement Sample Measurement	•				*	•			•	*
	Permit		\$ 10 Ex	١.	•.3	*-	* 7.47		*	· * * * * * * * * * * * * * * * * * * *	
	Requirement 5 Sample Measurement	•	•			*	*			* ,	*
	Permit Requirement				.*1	*	*x 10 /		**	13. ∗ .5	*
	Sample Measurement	*	*			•	+	,		*	*
	Permit Requirement *	12 1 mg & 12 mg	1 155	١.	\ + }	10 to 10 to	Property of the second	*	1 1140 2	4强1.4%	*
	Sample Measurement	+	*		+	*					*
	Permit Requirement	4.	14. \$P 电	•	* *	* 172 #	设施等		2 arts 2	行為""。	12
	Sample Measurement	•	*		*	*	*			*	+
	Permit - Requirement -		等, 多数写行		9, ♦€, 30 ,	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	在"在城"改革			A. 27	
NAME/TITLE PRINCIPAL EXECUTION OFFICER JOSEPH W. YOU CHEMISTO MAN TYPE OR PRINT COMMENT AND EXPL	TOTIVE I CERTIFY WITH THE INDIVIDUA THE SUBM THERE ARE POSSIBILIT (Penalties imprisonare	INFORMATION SUBMITTELLS IMMEDIATELY RESPONS ITTED INFORMATION IS TRESTORY SIGNIFICANT PENALTIES FOR YOF FINE AND IMPRISON UNDER these statutes may ment of between 6 months a		MY INQUIR' NFORMATION ETE. I AM A MATION, INC 1 AND 33 U 0,000 and or	Y OF THOSE I. I BELIEVE AWARE THAT CLUDING THE I.S.C. §1319. T maximum OF	ATURE OF PRINCIPAL E		TELEPHON	5113	02	DATE MO DAY
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Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•											
NAME: First Energy	Nuclear Operati	ng Company	(2	-16)		(17-19	9)				
ADDRESS: 76 South M		,	PA0)25615		007					
Akron, OH	44308	· · · · · · · · · · · · · · · · · · ·	PERMIT	NUMBE	R	DISCHARGE	NUMBER	Λ,	0.7	SCHAGG	*
					MONITORING P	ERIOD		10	30 U (> renew	
FACILITY: Beaver Va	lley Power Statio	n FRO	M YEAR M	O D	AY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Bear	ver County	02 0	7 (5(02 0					
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29	(30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter	T	(3 Card Only) Q1	UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
	'		T	I D IITO	No in an	AVEDACE	MANIMA	IDUTE	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)	(04-08)	(09-70)
	Measurement			[*	*	*		<u> </u>		
Flow	Permit Requirement	MONITOR A	AND REPORT	MGD		* •	•, `	*		1/WEEK	ESTIMATE
	Sample	*:									
	Measurement Permit	*'		ľ	-	02	0.5			. M. 3.C)	
Free Available Chlorine	Requirement			*	*	AVG CONC	MAX CONC 4	MG/L	* * *	i/week	GRAB
	Sample Measurement	•							1	1	4
Total Basidual Chicains	Permit "	* "2	J		• *	. 05.	1 25	MG/L		1/WEEK	GRAB
Total Residual Chlorine	Requirement Sample	 	- , , ,	<u> </u>		* 032 *	1 23	IVIGIL	 	17WEDIC -	GIGTE
	Measurement	•	*			*			ļ		
pH	Permit Requirement		* * f	*	· 60	n 1 *	9.0	S U.	**	1/WEEK	GRAB
	Sample Measurement	*					•		İ		
	Permit	-, 4 3	· 4 · · ·			1 1.	. + ניי		S #	4. 字····································	iker *
	Requirement Sample		• ,	-		74 / 14		· ·	1		1
	Measurement	*	*		*	*	*		ļ	*	*
	Permit Requirement	1 1 × 11				12 / Jan 19	(*.4.5) P	*	***	11年数2	*
	Sample	,			•	•				*	*
	Measurement Permit					772 42 3	77 (* t.* v. s.* v.		1	() 海南河流	A
	Requirement	* 2	Company of the second	*		1.7.7 ×20 1.4	* (*5**)	*			1
NAME/TITLE PRINCIPAL EXEC			IAT I HAVE PERSONALLY EXA D HEREIN AND BASED ON		1 4	. .		TELEPHON	NE	'	DATE
OFFICER			BLEFOR OBTAINING THE I	-	1 1	1	,				
JOSEPH W. VEW			UE, ACCURATE AND COMPL			\ A A model /	I ,			.	
MANGE MANGE	<i>I</i> -		OR SUBMITTING FALSE INFOR			. VIUWVV 1	724	682-5	S112	02	OB Z8
CHOUSER INTO			MENT SEE 18 U.S.C. §100		. , , , , , , , , , , , , , , , , , , ,	TURE OF PRINCIPAL E		006 5	2112	1	MO DAY
I YPE OK PKINT		under these statutes may nent of between 6 months a	y includes fines up to \$10 and 5 years)	,out and or		FICER OR AUTHORIZED		NUM	BER	I LLAN	INO DAI
COMMENT AND EXPLA				ents here		1	, , , ,			· '	
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Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

						, ,					
NAME: First Energy	Nuclear Operation	ng Company	(2-	16)		(17-19	9)			-	
ADDRESS: 76 South M			PA00	25615		008	•				
Akron, OH			PERMIT 1			DISCHARGE	NUMBER			1	•
7 Rion, Orr	77300		- Didvill		MONITORING P						
FACILITY: Beaver Vall	ar Danna Station	FRO	M YEAR M		AY TO	YEAR MO	- DAY				
			02 0			02 07	31				
LOCATION: Shippingpor	n Borougn, Beav	er County				(26-27) (28-29		NOTE: Des	d instructio	ne hefore comr	leting this form
			(20-21) (22-		4-25)			NOIE. REA			
Parameter	i		UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TYPE
	١.	11/20 4 65	1 144370 (104	LINUTE	MDIDALINA	AVEDACE	- MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)		_
<u> </u>	Measurement	40.001	6.00]		*	*			1/7	EST
Flow	Permit Requirement	MONITOR A	AND REPORT	MGD	25	意代: *· · · ·	一部學校發發	*	1.4	# I/WEEK	ESTIMATE
	Sample Measurement	•			•	5.8	5.9		0	2/31	GRAB
Suspended Solids	Permit Requirement	# 1 ·	2 编数 3 多	٠.	J. * # 12 12 \$	36	100 2 8	MG/L	13,200	2/MONTH	GRAB
Daspenava Bonas	Sample Measurement	*	*		•	45.0	45.0		0	2/31	GRAB
Oil and Grease	Permit Requirement	3 .* 3	*		* * * * * * * * * * * * * * * * * * *	第第15	20	MG/L	** '	2/MONTH	GRAB 5
Oil and Glease	Sample Measurement	•	•		•	۷٥.١	20.1	11.0/2		2/3(GLAB
	Permit	14 , 7,	* * * * * *	,	2 7 %				· ·	- H- V	
Ammonia	Requirement !"		* * * * *	*		MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB .
	Sample Measurement_			į	*	0.21	0.41			2/31	GRAB
Iron, tot	Permit Requirement	4. T.	1		· * * * * * * * * * * * * * * * * * * *	MONITOR A	ND REPORT	MG/L	**	2/MONTH	GRAB
	Sample Measurement		*			0.07	0.09			2/31	GRAB
	Permit	. ,	• 1.4	İ	\$3.5 sp. 1			1	* 1>	2.2.10.10.1.	
Aluminum	Requirement		* ', `	*	70 * * * 7 × 1	MONITOR A		MG/L_	* ''		GRAB
	Sample Measurement	• ,				0.30_	0.40			7/31	GEAB
Manganasa	Permit		医 数度 汤		**************************************	MONITOR A	ND REPORT	. MG/L	aribys #	2/MONTH	GRAB
Manganese NAME/TITLE PRINCIPAL EXECU	Requirement :	INDED DENAITY OF LAW TE	AT I HAVE PERSONALLY EXA	MINED AND		1 342 THOMTOKA	ND ICE ON T	TELEPHON			DATE
OFFICER			D HEREIN AND BASED ON		1	_				ł I	~
JOSEPH W. VEN			SIBLE FOR OBTAINING THE IT			. 1				1	
COSEPA 10, CEN	THE SUBMI	ITTED INFORMATION IS TR	ue, accurate and compli	ETE. I AM A	WARE THAT	I dudain .				1 1	
CHEMISMY MANA	THERE ARE		or submitting false infor			レンタペリンク	774	- 662-	<112	02 0	28
								ex.	<u> </u>	YEAR	MO DAY
TYPE OR PRINT		under these statutes may ent of between 6 months a		,000 and or		TURE OF PROCIPAL EX FICER OR AUTHORIZED		NUMI	BER	I LEAR	INO DAI
COMMENT AND EXPLA				ents here		HOLK ON AYTHORIZED	, , ,	- *		I 	

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Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•										•	
NAME: First Energy						(17-19	9)				
			PA003	25615		008 (CO	NT)				
Akron, OH	44308	r	PERMIT 1	NUMBER		DISCHARGE	NUMBER				•
					MONITORING P	ERIOD					
FACILITY: Beaver Val	ley Power Station	FROI			DAY TO	YEAR MO					
LOCATION: Shippingpo	rt Borough, Beav	er County	02 0		21	02 07	31				
			(20-21) (22-2	23) (2	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter			ANTITY OR LOAD!	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	*	*	0.11.0	*	20.01	40.01			2/31	GEAB
Phenois	Permit Requirement	第15 ** 5 *	· • · · ·		+2 + F - S	MONITOR A	ND REPORT	MG/L	** **	2/MONTH	GRAB '
	Sample Measurement		*			0.089	0.110			2/31	GRAB
Zinc	Permit Requirement	AND THE SECTION	* * * * * * * * * * * * * * * * * * *	*	• / /	MONITOR A	ND REPORT	MG/L	i ∮ ° jo	 	GRAB
	Sample Measurement		•	٠		43	52_			2/31	GRAB
Color	Permit Requirement	\$ 1 m	\$ 1 5 T 5 T	٠		MONITOR AL		UNITS		2/MONTH	GRAB
00101	Sample Measurement	•	*		7,78	*	7,31			2/31	GRAB
Hq	Permit Requirement		\$ 1 ₂ 45		60	10 May 18 18 18 18 18 18 18 18 18 18 18 18 18	9.0	S.U.	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*			*	
		接续从*2007	5 4 5 P	*	2 * 1/41 1 1 1 2	"我说的"。我想 说。	4.1944年		** **	\$₹\$. * \$	€ . ·
	Sample Measurement	*	*		•	+	•			•	*
	Permit	1 m	* * * * * * * * * * * * * * * * * * * *	*	•	2. 数1. 1. 42	i Tride	1 *		75 × 2 1	*
	Sample Measurement	•	*		*	*				*	*
	Permit Requirement	**************************************		*	***	12. 满色·稀·清点	电子等通讯	*	* ^{fs}	1 3 1 × 3	
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	AM FAMILIAR			TELEPHON	IE	I	DATE
OFFICER		INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI		•		. 1					
JOSEPH W. UCH	THE SUBMI	ITTED INFORMATION IS TRU				امر سا	ļ				
Cisconomy May	THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFO					ISH WWW W	771	682-5	SII 2	02 (es es
TYPE OR PRINT POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §11 (Penalties under these statutes may includes fines up to \$1						TURE OF PRINCIPAL EX		حد ـ	2112		$\frac{\Sigma}{MO}$ $\frac{ZG}{DAY}$
imprisonment of between 6 months and 5 years)					OF	FICER OR AUTHORIZED		NUMI	BER.	. 2,	
COMMENT AND EXPLA				ents here)		/	*				
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Page 2 of 2

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

				(6)		(17-19	9)				
ADDRESS: 76 South M	ain Street		PA002	25615		110					
Akron, OH	44308		PERMIT N			DISCHARGE	NUMBER.	l.	1 0.	SCHARG	٠,
				i	MONITORING P			1	10 DI	SCHHLO	
FACILITY: Beaver Vall			YEAR MO		AY TO	YEAR MO					
LOCATION: Shippingpo	rt Borough, Beav	er County	02 0)()	02 01	31				
			(20-21) (22-2	3) (24	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Read	d instruction	ns before compl	eting this form
Parameter		(3 Card Only) QUA	NTITY OR LOADIN	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)	-	(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
		AVERACE	MAYORDA	UNITS	MONATOR	AVEDACE	MAXIMUM	UNITS	(62-63)	Analysis (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNIIS	MINIMUM	AVERAGE	1	UNIIS	(02-03)	(04-08)	(03-70)
	Measurement				*	*	*			1	
Flow	Permit & Réquirement	MONITOR AN	D REPORT	MGD	· · · · · · · · · · · · · · · · · · ·	1 4 2 .	15 C . 15 S	*	通常	I/WEEK	ESTIMATE
	Sample	•								•	
	Measurement Permit	l l	v . 2., <		- '. e.,	, .			٠, ٠	1,3%, 244	10 ja 1
	Requirement '	• , ; /	- Harris # ## 7 1/1	*	" my " e . # 25%	****			* * **********************************	ふりない	1.70.77
	Sample Measurement	•	•		•		•			٠	*
	Permit Requirement	* - 22	高 美线 艾	•		10 . 1. * 5. W ?	कुँग 👊 ५५	*	12 W. (*)	1 2 1 1 1 1	鑑。 * 三
	Sample Measurement	•	+		*	•	•			*	*
	Permit Requirement		"我们就看。"		() () () () ()	医液 *经验。	15.5 ± ~ 1.5°	*	*	1 * . * . * . * . * . * . * . * . * . *	See .
	Sample Measurement	•	*		*		•			*	*
	Permit Requirement	12 ** * 13 **	(7) 0. 1 () A A Company			· 2000年前12年月	ない かんり 変	*	20 3 to 10 t	沙漠 ***********	18 1 V
	Sample Measurement	•	•		*		•			*	*
	Permit Requirement	4 1 1 € 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second secon		いる。「衛東だった。	Transit of Tables	张 锋性子说	*	強い	15% +13° 1	***
	Sample Measurement	*	+		*	*	*			*	
	Permit Requirement	4 B	學、衛衛公園	*		Na. 14 。 # 武帝人	\$P (或*)		1、1年1十二		
NAME/TITLE PRINCIPAL EXECUTION OFFICER	T T	NDER PENALTY OF LAW THAT						TELEPHON	E	D	ATE A
		INFORMATION SUBMITTED I LS IMMEDIATELY RESPONSIBL									
Joseph W. Ver	THE SUBMI	TTED INFORMATION IS TRUE,				11 11					
CHEMISTRY MAN	A THERE ARE	SIGNIFICANT PENALTIES FOR				MIN Vor	724	62-9	<112	02 (18 ZS
TYPE OR PRINT	POSSIBILITY	Y OF FINE AND IMPRISONME under these statutes may in				TURE OF PRINCIPAL E		محکد ،	3112		
TIFEORTRINI		under these statutes may it ent of between 6 months and		OOO MINI OT		TICER OR AUTHORIZED		NUME	BER	Local	
COMMENT AND EXPLA				ents here)		•	,		 		• • • • • • • • • • • • • • • • • • • •

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Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy				16)		(17-19	9)				
ADDRESS: 76 South M	Iain Street		PA00			010					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				•
			•		MONITORING P						
FACILITY: Beaver Va					AY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Bear	ver County	02 0		21	02 07	31				
			(20-21) (22-2		4-25)	(26-27) (28-29	· · · · · · · · · · · · · · · · · · ·	NOTE: Rea		ons before compl	
Parameter			UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	4.41	5.76		•	*		1		1/7	MEAS
Flow	Permit Requirement		AND REPORT	MGD	9 * ***********************************	23 to 14. 1	1,000	*		i/WEEK"	MEASURED
1100	Sample	*	and record	05_	•	0.0	0.0		0	1/7	GRAB
	Measurement Permit		\$ * 16.12 T		. • 11	AVG CONC	· MAX CONC	MG/L	•	1/WEEK	GRABWHILE CHLORO
Free Available Chlorine	Requirement Sample	• .				0.0	0.5	MO/L	0	1/7	GRAG
	Measurement Permit	*		[*	 0.0	0.0			1 2 600	GRABWHILE
Total Residual Chlorine	Requirement		* 1,7	*	* .	1-4 - 0.5 r -	1,25	MG/L	*	1/WEEK	CHLORO
	Sample Measurement	•	•	j	•	*	*			 *	*
Clamtrol CT-1	Permit Requirement	*	13 * 1 T			NOT DET	ECTABLE .	MG/L		WHEN DISCHARG	24 HOUR COMPOSITE
	Sample Measurement		*		*	•	**			米米	**
Betz DT-1	Permit Requirement	-1 2	1- + 5 3		a salas de la	\$ ±48 ±	350	MG/L	* * * . *	WHEN DISCHARG	24 HOUR COMPOSITE
Detz D1-1	Sample	•	•		7.63		7.85		0	177	Gans
	Measurement Permit				\(\frac{16.0}{3}\)	45 1 T + 3 T	90	6,,	i	I/WEEK.	GRAB
pH	Requirement Sample	*	, * † ,	•			1	S.U.	 		
	Measurement	*	*		*	+	*	ļ		*	*
	Permit Requirement	* / 🔆	2 10 - 2	*	‡	Son the state of	*	*	•	□ (数 + 数)	*:
NAME/TITLE PRINCIPAL EXEC			HAT I HAVE PERSONALLY EXA				1_	TELEPHON	IE	r	DATE, C
OFFICER			D HEREIN AND BASED ON SIBLE FOR OBTAINING THE !!			١ ١					
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۱۸ م	THERE ARE	SIGNIFICANT PENALTIES FO	or submitting false infor	MATION. INC	LUDING THE	1 MMV7	172/	100	C112	02	œ 233
CHEMISTY MAN	SPCOL POSSIBILIT		MENT SEE 18 U.S.C. §100			THE OF THE PARTY O	XECUTIVE AREA	<u> </u>	<u> ۱ ا ا </u>		OS ZZ MO DAY
TYPE OR PRINT		under these statutes may nent of between 6 months a	y includes fines up to \$10 and 5 years)	,000 and or	maximum SIGN	ATURE OF PRINCIPAL E TICER OR AUTHORIZED		NUM	BER	1EAR	IIIO DAT
COMMENT AND EXPL				ents here)	1				***************************************	
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EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

* CLAMITROL (CT-1) WAS NOT APPLIED OR DISCHARGED IN JULY 2002.
** DT-1 ESTIMATED AS NON-DETECTABLE POR NPOES PERMIT PART C, SECTION IS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	y Nuclear Operati	ng Company_	(2-	16)		(17-19	9)				
ADDRESS: 76 South M	Iain Street		PA00	25615		111					
Akron, OH	44308		PERMIT I	NUMBER		DISCHARGE	NUMBER				e ²
					MONITORING P	ERIOD					
FACILITY: Beaver Val	lev Power Station	FRO	M YEAR M	0 D	AY TO	YEAR MO	DAY				!
LOCATION: Shippingpo			02 07	(<u> </u>	02 07	31/				
	<u> </u>		(20-21) (22-2		4-25)	(26-27) (28-29	(30-31)	NOTE: Rea	d Instructio	ns before comp	eting this form
Parameter	T	(3 Card Only) QU	UANTITY OR LOADI		(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)	i	(46-53)	(54-61)	.,,,	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32)		\"/		*1						ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.002	0,002			*	*			177	EST
Flow	Permit Requirement	MONITOR A	AND REPORT	MGD	•	•	* *,	. *	,*	1/WEEK_	ESTIMATE
	Sample Measurement	. +	•		*	4.4	5.2		0	3/31*	GLAB
Suspended Solids	Permit Requirement		• *		. *	30	. 100	MG/L	~.*	1/WEEK	GRAB
	Sample Measurement	*	*		*	45.0	45.0		0	3/3/4	GLAB
Oil and Grease	Permit Requirement		*	1 .	*	15	20	MG/L	/*	1/WEEK	GRAB
Oil and Oileast	Sample Measurement				6.37		6.96		0	3/31 *	GKAB
_**	Permit	t*		1.	6.0		9.0	S.U.	.*	1/WEEK	GRAB
рН	Requirement · Sample		,	 			7.0				
,	Measurement		• .		*	*	*			 	ļ <u>.</u>
	Permit Requirement	tu de i	. ₩ . *	•		# / %		*	*	*	*
	Sample Measurement		•		*	*	*				•
	Permit 5/ Requirement :		1 g/m 119 w			* 1	4 (D. 19)	*		* .	
	Sample Measurement		*		*	•	.*] ·			*
	Permit Requirement	رياً • يۇ، تريا	* i		** /	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 機構及所	*	2#	(第二)	·: •
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH	IAT I HAVE PERSONALLY EX	MINED AND	AM FAMILIAR			TELEPHON	NE	1	DATE -
OFFICER		INFORMATION SUBMITTE	D HEREIN AND BASED ON	MY INQUIR	Y OF THOSE			•		1	• •
Joseph W. Ven	INDIVIDUA	LS IMMEDIATELY RESPONS	IBLE FOR OBTAINING THE I	NFORMATION FTE. I AM A	. I BELIEVE	N. a .a1					
0.	THE SUBMITTED INFORMATION IS TR					Uk/W1/~/	, 17-A	- 100-	112	100	SS SC
CHEWIZER INITIA	AGENT POSSIBILIT	Y OF FINE AND IMPRISON	IMENT SEE 18 U.S.C. §100 y includes fines up to \$10	1 AND 33 U	.s.c. §1319.	ATURE OF PRINCIPAL E	XECUTIVE AREA	- 622-5	2112	YEAR -	$\frac{28}{M0}$ $\frac{28}{DAY}$
TYPE OR PRINT) (renaities	under these statutes may	y includes lines up to \$10	,,oov and or	maximum Styr	PICKE OF FRINCIPALE	VECOUAR LUMBE			1	1 - 1 - 1

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

imprisonment of between 6 months and 5 years)

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

CODE

FICER OR AUTHORIZED AGENT

NUMBER

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

& DISCHARGE OCCURRED IN 3 WEEKS IN JULY 2002.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	(2-	16)		(17-19)						
ADDRESS: 76 South Ma	ain Street		PA00			211					
Akron, OH	44308		PERMIT			DISCHARGE 1	NUMBER	•		•	•,
					MONITORING PI		٠				
FACILITY: Beaver Valle	ey Power Statio	n FRO	M YEAR M	0 D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpoi	rt Borough, Bea	ver County	02 0	7 / (DI .	02 07	3		1		
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29	(30-31)	NOTE: Read	d instruction	ns before compl	eting this form
Parameter		(3 Card Only) Qt	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION ·		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
				1		I Wan Can		T D UTTO	((2, (2)	ANALYSIS	(60.70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Measurement	0,002	0.002	<u> </u>	*	*	*			Ÿτ	EST
Flow.	Permit Requirement	MONITOR A	ND REPORT	MGD	*	. +	* '/ '	•	• 1	.1/WEEK	ESTIMATE_
	Sample Measurement	•	*		*	15.9	\$1.9		0	1/7	GLAB
Suspended Solids	Permit Requirement	*			*	30	100	MG/L	• ,	1/WEEK	GRAB
Suspended Solids	Sample Measurement	•	*			45.0	45.0		0	1/7	GRAB
Oil and Grease	Permit		•	١.	4 · · ·	. 15	20-	MG/L	, .	1/WEEK	GRAB
Oil and Orease	Requirement Sample	•		· ·	6.28	, 15 *	8.38	MOL	0	1/7	GRAB
	Measurement Permit	 		1			'			l	
pН	Requirement	*	• 😲		60. ``	文 大学	9.0	S U.	*	·I/WEEK	GRAB
	Sample Measurement	•	•]	•	*	*			•	*
	Permit Requirement	** *	* 533		# 1 mg	# # # # # # # # # # # # # # # # # # #	* *		• .	3 3	
	Sample Measurement	•	ıtı .		* .	*				-*	*
	Permit Requirement	*	# 105 mg	1 .	• 6.25	\$43.00	1 一位 意外	*	· # ##	A 18 32	; * *
	Sample Measurement	*	*		- +	*	*	,	i	*	*
	Permit Requirement	1 8 3/2 *	2 3 1 2 3	1 .	1 · 1. 17.	\$ 4 × 6 3	A AMERICAN	~•	3 + 52	N. S. 37	. *
NAME/TITLE PRINCIPAL EXEC		Y UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	MINED AND		1 ^ *	77.7	TELEPHON			DATE #
OFFICER	WITH TE	IE INFORMATION SUBMITTE			i i	,			•		
Joseph W. Ven	INDIVIDU	IALS IMMEDIATELY RESPONS				A : A	}	*			
1		MITTED INFORMATION IS TR				私権制。				<u></u>	
11 HEMICSTON MAN		re significant penalties fo Ity of fine and imprison				Mr A	1724	682-5	S) /S	02	38 <u>28</u>
TYPE OR PRINT		s under these statutes ma			maximum SGV	ATURE OF PRINCIPAL EX	KECUTIVE AREA			YEAR	MO . DAY
		ment of between 6 months a			Q FI	FICER OR AUTHORIZED		NUM	BER	<u> </u>	<u> </u>
COMMENT AND EXPLA	ANATION OF	ANY VIOLATIONS (Reference all attachn	nents here) V			,		•	

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

. Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy		(2-16)		(17-1	9)						
ADDRESS: 76 South M	ain Street		PA00	25615		011					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER			•	'n
					MONITORING P	ERIOD T					
FACILITY: Beaver Vall	ey Power Station	FRO	M YEAR M		AY TO	YEAR MO					
LOCATION: Shippingpor	rt Borough, Beav	er County	02 0	7 0	0(02 07	30				
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before comple	ting this form
Parameter	1	(3 Card Only) QI	ANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	CENTRATION	-	NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
							,			ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.004	0.004		•	*	*		<u> </u>	1/7	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD		*	• '	•		1/WEEK_	ESTIMATE
	Sample Measurement	•	•]	•	+	*			*	*
	Permit Requirement	•	•		•	•	•	*	•	*	*
	Sample Measurement Permit *		*		*	•		`		*	*
	Permit Requirement	#	*	*	*	•	٠.				•
	Sample Measurement	*	*		*	*	•			*	+
	Permit Requirement	•	•	•	*	* **	• .	•	•	•	
	Sample Measurement	*			•	*	*	,		*	*
	Permit Requirement	*	*		***	# 15	us 🛊 "	*	*	*	· •
	Sample Measurement	•	*		+	•	*			•	*
•	Permit Requirement	*	; * <u>}</u>	*	***************************************	15 - 10 - 10	3	*	*	. *	*
	Sample Measurement	•	*		*	*	*			*	*
	Permit Requirement	. •	*		. * * *	式 → 〔 〔	e 1 8 * * * * * * * * * * * * * * * * * *		÷	1 #	# 1
NAME/TITLE PRINCIPAL EXECU		INDER PENALTY OF LAW TH						TELEPHON	IE.	_ * D	ATE
OFFICER		INFORMATION SUBMITTED								- 4	1
Joseph W. Veni	THE SUBMI	LS IMMEDIATELY RESPONSI TTED INFORMATION IS TRU									
CHEMISTEY MAN	THERE ARE	SIGNIFICANT PENALTIES FO				₩₩ Vン∕	774	-682-5	5113	02 0	xs 28
TYPE OR PRINT	TYPE OR PRINT (Penalties under these statutes may					TURE OF PRINCIPAL E	XECUTIVE AREA				MO DAY
	imprisonment of between 6 months and				DFF.	ICER OR AUTHORIZED			BER		
COMMENT AND EXPLA	NATION OF A	NY VIOLATIONS (Reference all attachm	nents here)							

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

ADDRESS: 76 South M				(2-16) PA0025615 PERMIT NUMBER		(17-19 012					
Akron, OH	44308	,	PERMIT			DISCHARGE	NUMBER				•
	··				MONITORING PI						
	ley Power Station				AY TO	YEAR MO	DAY				1
LOCATION: Shippingpo	ort Borough, Beav	er County	07 0		0	OZ OT		NOTE: David	l lastavetic	ns before comple	ting this form
			(20-21) (22-		1-25)	(26-27) (28-29		NOIE; Read			
Parameter			ANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CONC			NO. EX	FREQUENCY OF	SAMPLE TYPE
(32-37)		(4653)	(54-61)		· (38-45)	(46-53)	(54-61)		EX	ANALYSIS	*****
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	70.00	(0,001		*	*	*			1/31.	EST
Flow	Permit Requirement	- MONITOR A	ND REPORT	MGD	. *.> ".	- C 3(* − − − − − − − − − − − − − − − − − − −	4 * 3	*	પૂર *	I/MONTH '	ESTIMATE
	Sample Measurement	+			•	.799	1016			1/7	GEAB
Total Dissolved Solids	Permit Requirement	•		1 .	↓ 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MONITOR A	ND REPORT	MG/L	* 17	i/WEEK ···	GRAB
Total Dissolved Bonds	Sample Measurement	*	* .		*	0.006	0.020		0	1/7	GEAB
	Permit			1	***************************************	,		1400	* 4	1/WEEK	GRAB
Chromium	Requirement Sample	*	*	.	#3.4	02	0.2	MG/L	5*	IVWEEK	1
	Measurement	*	•	4	. +	10.7	20.6			<u> </u>	GRAG
Zinc	Permit Requirement	(⁴ • γ	* 5 * 5	* '	n this	- 10	1.0	MG/L_	· • ***	1/WEEK	GRAB
	Sample Measurement	*	*		*	0.17	0.27			17	GRAB
Copper	Permit Requirement	(~ 1s' * -	1	*	· 沙鸡。	MONITOR A	ND RÉPORT	MG/L	·	1/WEEK -	GRAB
	Sample Measurement	*	• ' ·	,	8.58	•	° 8.≲8		0	1/31	GRAB
pH	Permit Requirement	* * * * * * * * * * * * * * * * * * *	** * ******] .	60%	\$ 70 h	9.0	S.U.	* 175	1/MONTH	GRAB
	Sample Measurement	*	*	-	*	*	*			8 •	•
'	Permit Requirement	g*/ *	* 's' s	1 .	为 1 数记录	artim in Sin	五 数3年	• '	\$ * \(\frac{1}{2}\).	和 []	# (
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH				-		TELEPHON	E .	Ι.	DATE
OFFICER	WITH THE	INFORMATION SUBMITTEE	D HEREIN AND BASED ON	MY INQUIR	Y OF THOSE			•	, ,		
Itseph W. Va		LS IMMEDIATELY RESPONS ITTED INFORMATION IS TRI				/ L		• •	,, ·	,	
THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, IN					CLUDING THE	(L/N/4V1)	7)4	499-	SIIZ	02 8	28 29
	TYPE OR PRINT (Pensities under these statutes may includes fires up to \$10,000 and					ATURE OF PRINCIPALE	XECUTIVE AREA			YEAR Z	28 28 DAY
	TYPE OR PRINT (Penalties under these statutes may includes fines up to \$ imprisonment of between 6 months and 5 years)					FOER OR AUTHOLIZED	AGENT CODE	, NÚMI	BER	<u> </u>	

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) -

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1



P.O. Box 4, Route 168 Shippingport, PA 15077

August 28, 2002

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

NPDES Permit PA0025615, Notice of Non-Compliance Outfall 012

Dear Sir or Madam:

During the month of July, Outfall 012 (ERF HVAC Blowdown) exceeded the monthly average and monthly maximum Zinc effluent limit of 1.0 mg/L. The Zinc was measured at 7.95 mg/L on July 1, 2002; 20.6 mg/L on July 10, 2002; 8.61 mg/L on July 19, 2002; 8.67 on July 24, 2002, and 7.74 mg/L on July 31, 2002.

Outfall 012 is the blowdown from the HVAC system at the Beaver Valley Emergency Response Facility (ERF). Zinc in the blowdown is attributed to the corrosion of the HVAC system. Zinc is not added to the system.

Beaver Valley is currently investigating alternative treatment of the HVAC system to minimize corrosion of the system and is working with the Pennsylvania DEP on an acceptable compliance schedule with respect to effluent limits at Outfall 012.

If you have any questions, contact me at 724 682-5113.

oseph W. Venzon

Chemistry and Environmental

Manager

Sincerely.

DJS

C: J.W. Venzon S.F. Brown Central File

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) **DISCHARGE MONITORING REPORT (DMR)**

	Nuclear Operation	ng Company		16)		(17-19	9)				
ADDRESS: 76 South M			PA00			113	W. C. C. C.				•
Akron, OH	44308		PERMIT		VONUTOR DIO DI	DISCHARGE	NUMBER				•
					MONITORING PI						
	lley Power Station				AY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Beay	er County	02 0			02 07	3	NOTE. D.	J 1	us bafaus samul	ating this form
			(20-21) (22-	- ,	4-25)	(26-27) (28-29		NOIE: Read		ns before comple	
Parameter			JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample			OMIS				0	0	1/7	
	Measurement	0.010	* '		*	*	*		- -	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	MEAS
Flow	Permit . Requirement	0.043	36 8 8 3 V	MGD	- 74 B	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	学业。第2 条	*	*	1/WEEK	· MEASURED
	Sample Measurement	*	•		•	42.0	42.0		0	2/31	E KA
CBOD-5 Day		Total Control of the	\$ 1 W 10 14		3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 40° 250 50° 3"	50.	MG/L	8 J. L.	2/MONTH	8 HOUR 7 COMPOSITE
	Sample Measurement	*			*	6.9	7.4		0	2/31	EUKP
Suspended Solids	Permit Requirement	7. G 37 #	7 · · · ·	1 .	, e * 4, . e	-30	是 60亿美元	MG/L	5, 0 1 (2/MONTH	8 HOUR COMPOSITE
Supplicate Solices	Sample Measurement	*	*		*	0.27	0.30		0	2/31	GRAB
Total Residual Chlorine	Permit Requirement	· •	, " ;	1 .	* 5	75 1.41 A. T.	INST MAX.	MG/L	.*	· 2/MONTH	GRAB
	Sample	,	*		•	1.4	2.0		0	2/31	GRAB
Fecal Coliform May 1 to Oct 31	Measurement Permit	ec equ'à s			4,40	200 2000	1000	#/100ML		2/MONTH	/ GRAB
Nov 1 to Apr 30	∴ Requirement - 7 Sample	· · · · · · · · · · · · · · · · · · ·	· · ·	-		2000		#/TOOIVIL	Ļ	2/31	
	Measurement	*	. •		7.60	, *	7.69		0	 	GRAB
рН	Permit.	将っました	• •	*	6.0	th #	9023	S.U.	••• .	2/MONTH	GRAB
	Sample Measurement	*	•		*	•		,		*	*
	Permit Requirement	100 mg 1 mg 1 mg 1 mg 1 mg 1 mg 1 mg 1 m	0 + M		, • (9 深路港江		* · ;** ,,	ζ∵ •	
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH		MINED AND	M FAMILIAR			TELEPHON	1E	I	DATE
OFFICER	WITH THE	INFORMATION SUBMITTEE				١.	,	•		l j	
JOSEPH W. VEX	/ Dan. \	LS IMMEDIATELY RESPONSI			1 1	14. 11. 11	,				
	THERE ARE	SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONI	OR SUBMITTING FALSE INFO	MATTON. INC	LUDING THE	thun y	72A	682-5	SUE	02	<u> 2</u> 8
TYPE OR PRINT	(Penalties	under these statutes may				TURE OF PRINCIPAL EX	XECUTIVE AREA	\U.N.O		YEAR	MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

imprisonment of between 6 months and 5 years)

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

ICER OR AUTHORIZED AGENT

AREA CODE

NUMBER

Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	y Nuclear Operati	ing Company	(2-)			(17-1				,	
ADDRESS: 76 South M			PA002			21.		۸ ۱			
Akron, OH	44308		PERMIT I			DISCHARGE	NUMBER	ICY	i Uis	CHARGE	•
FACILITY: Beaver Val	lav Davies Station	FRO	M YEAR MO		MONITORING P DAY TO		DAY		r		
LOCATION: Shippingpo			M YEAR MO			YEAR MO					
ECCATION, Shippingpo	it Bolough, Beav	er County	(20-21) (22-2		4-25)	(26-27) (28-2		NOTE: Rea	d instructio	ns before comple	eting this form
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOADIN (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CON (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement		,		*	•	•		1		
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD		造器的 持有	深路於北京時代	•	3 4 16 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/WEEK	ESTIMATE
	Sample Measurement	*	•		•	,	_				
Suspended Solids	Permit Requirement	湿 。 1. \$1. 3. 4. 3.	2. 14 最后	•	11 的编码 3	#278 30 6 FER	100 L. T.	MG/L_	2 Sec. 20	2/MONTH	GRAB
	Sample Measurement	*	*		•						
Oil and Grease	Requirement	(数にまた) (数)	50% 编制 身	*	11年間1月	深海、15本元	学 经加强	MG/L	文学教育	2/MONTH	GŘAB-
	Sample Measurement	*	*			*			,		
pН	Permit Requirement	The state of the s	スパマウンで の	*	6.0%	137. • XEI	9.00	· s.u.	3° .	2/MONTH	GRAB
	Sample Measurement	*	•	_	*	*				*	*
	Permit Requirement	20 (21) Care 1 (21) Care 1 (21)	in the la	*	海路路域	可以不可以	源了一种规范的	*	1	表读:**	100 m + 1 100 m
	Sample Measurement	#	*		*	*	*			*	*
	Permit Requirement	Strate V	The state of	*	の観響と	网络斯里尔克斯	。公司等政治主	•	. 6 4 6 • 48 5	4971	选 · * · 、
	Sample Measurement	*	+		*	*	•			+	*
	Permit A	18 - No. 18	からは	*		强数,级势,	地域で野食には沢	•	/ /4 · · · ·	\$ # F-	дь + ,
NAME/TITLE PRINCIPAL EXECT OFFICER			AT I HAVE PERSONALLY EXAM HEREIN AND BASED ON					TELEPHON	E .	D	ATE
JOSEPH W. VENE	INDIVIDUAL	LS IMMEDIATELY RESPONSI	BLEFOROBTAINING THE IN JE, ÁCCURATE AND COMPLE	FORMATION.	I BELIEVE				1	.	
CHEMISTRY MAN		SIGNIFICANT PENALTIES FO	OR SUBMITTING FALSE INFORMMENT SEE 18 U.S.C. §1001	ATION. INC	LUDING THE	LMWV1/	724	682-	SUS	02 0	8 28
TYPE OR PRINT (Penalties under these statutes may includes fines up to \$10,000 imprisonment of between 6 months and 5 years)				000 and or	maximum SI N.	TURE OF PRINCIPAL FI TICER OR AUTHORIZED	EXECUTIVE AREA	NUME			MO DAY
COMMENT AND EXPLA				ents here)		, , ,				·	
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Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	Energy Nuclear Operating Company (2-16)					(17-19						
ADDRESS: 76 South M			PA002			313						,
Akron, OH	44308		PERMIT N			DISCHARGE	NUMBER					•
					MONITORING P							
FACILITY: Beaver Vall	ley Power Station	FROM			DAY TO	YEAR MO						
LOCATION: Shippingpor	rt Borough, Beave	er County	02 07			02 07	B'		_	_		
			(20-21) (22-2		4-25)	(26-27) (28-29	9) (30-31)	NOTE: Read	l instruction	ns before compl		
Parameter			JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLI	
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)	'	EX	OF	TYPE	
		AVEDACE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	Analysis (64-68)	(69-70)	·-
	Sample	AVERAGE	0.∞2_	UNIIS			MAXIMON	UNITS	(02-03)	(/7	EST	
	Measurement Permit	0.002	0.40		*	*	10.				1	
Flow	Requirement 3	MONITOR A	ND REPORT 1	MGD	* .	* * *	the week of the	*	<i>Ş</i> *- *	· I/WEEK	ESTIMAT	ΓE
	Sample Measurement	*	*		*	4.0	44.0		0	117	CALA	B
Suspended Solids	Permit Requirement	% :• . ***			,) • <u>,</u>	30	100 👵 🕏	MG/L	* 4	- 1/WEEK	GRAB	
	Sample Measurement	*	*		*	45.0	45.0		0	17	GRAB	3
Oil and Grease	Permit	17 . 17			* *3	· 15	20.	MG/L	.*	1/WEEK	GRAB	
Oil and Orease	Requirement &	,	<u> </u>		6.81	* 15	7.37	1110/12	0	117	GLAB	
	Measurement Permit		*.			, , , , , , , , , , , , , , , , , , ,				 		
pH	Requirement · Sample	,	s, #		60		9.01	S.U.		1/WEEK	GRAB	
	Measurement	*	*		*	*	*			*	*	-:-
	Permit Requirement	\$4 W	<u> </u>		17 + C.	2 1 mm	office of the same	*	*	, *	· · •	`.
,	Sample Measurement	+	*		*		•			*	*	
	Permit , Requirement	· * · · · · · · · · · · · · · · · · · ·			***, ~	****			%	* * *	*	
	Sample Measurement	*	*		*	*	*	1		*		
	Permit Requirement	(1), (1, 1), (1)			**************************************	3.00 12 3.3	· · · · · · · · · · · · · · · · · · ·			18 ×4	*	
NAME/TITLE PRINCIPAL EXECU		UNDER PENALTY OF LAW TH		MINED AND A		11,**	1	TELEPHON			DATE	
OFFICER		INFORMATION SUBMITTED			1	^ .				1		
JU.W HEZOT		LS IMMEDIATELY RESPONSI				111	-					
	THE SUBMI	ITTED INFORMATION IS TRU SIGNIFICANT PENALTIES FOR]					~~ ₋	ا را -
CHEMISTON MAN	ACON POSSIBILITY	S SIGNIFICANT PENALTIES FOR Y OF FINE AND IMPRISONM				<u>/</u> ۱۳۰	724	682-5	313			28
TYPE OR PRINT	(Penalties	under these statutes may				TURE OF PRINCIPAL EX		NII IN (E	DED	YEAR	MO D	AY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

imprisonment of between 6 months and 5 years)

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OFFICER OR AUTHORIZED AGENT

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NUMBER

AREA CODE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	Nuclear Operation	ng Company		(2-16)		(17-19)					
ADDRESS: 76 South Ma		•	PA00			413		s 1	^	,	
Akron, OH	44308		PERMIT	NUMBER	(A) VMADDIA D	DISCHARGE 1	NUMBER	N	o U1≤	CHARGE	5
					MONITORING P		DAY		,		
FACILITY: Beaver Vall					AY TO	YEAR MO	31·				
LOCATION: Shippingpoo	rt Borough, Beave	er County	(20-21) (22-		0 1-25)	(26-27) $(28-29)$		NOTE: Read	d instructio	ns before compl	eting this form
		(2 C1 O-lw) OI	JANTITY OR LOADI		(4 Card Only)	QUALITY OR CONC	·		NO.	FREQUENCY	SAMPLE
Parameter (32-37)		(3 Card Only) QL (4653)	(54-61)	110	(38-45)	(46-53)	(54-61)	ı,	EX	OF	TYPE
(,		`		·	1	- Allen con	,	LOUTE	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM_ •	AVERAGE	MAXIMUM	UNITS	(62-63)	(04-08)	(09-70)
	Sample Measurement				*		*.	!			
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*.	× +	•	*	•	· -I/WEEK	ESTIMATE
	Sample Measurement	*			*						
0 110.04	Permit	+			*,	- 30	100	MG/L	*	1/WEEK	GRAB
Suspended Solids	Requirement Sample	•	•		*						
	Measurement Permit				•		20	. MG/L		1/WEEK	. GRAB
Oil and Grease	Requirement Sample	. +		*	<u> </u>	~ 15	20 .	· MG/L	<u> </u>	-IIWEEK	1. GIGAB
	Measurement	*	*		,	*				ļ <u>.</u>	ļ.,
pH	Permit Requirement	*	*	*	60	, +	9.0	S U.	*	1/WEEK	GRAB
	Sample Measurement	*	•		* ′	· · · ·	* `	1 h z		*	*
,	Permit Requirement	- *	•			5 - 1 - 1				. • 5	¹ ^ +
	Sample Measurement	*	*	,	\$ 1		•			*	*
	Permit Requirement	* *,		• .	* (1,12 + 1,1	*****		*	1	1 to 1
	Sample	*	*		*	. +	•	, · .			**
	Measurement Permit	•			1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1 +15	* * * · · · ·		,*,	. (₹ + %	e/s •
NAME/TITLE PRINCIPAL EXEC	Requirement ITIVE I CERTIFY	*	AT I HAVE PERSONALLY EX	LMINED AND A	<u> </u>	<u> </u>	<u> </u>	TELEPHON	IE _		DATE
OFFICER	, with the	INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE			,			
JOSEPH W. Ver			IBLE FOR O BTAINING THE								
^	1110 30001	PICTURE CALVE DELIA TIES ES	UE, ACCURATE AND COMPL OR SUBMITTING FALSE INFOR	MATTON THE	TIME THE		771	1.00-	SIR	02 0	CE 794
CHEMISTER MAN	ACEL POSSIBILIT	Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	1 AND 33 U	.s.c. §1319.	W /		- 600	<u> </u>	YEAR -	CS ZS DAY
TYPE OR PRINT	(Penalties	under these statutes may tent of between 6 months a	A suctades tines no so st	0,000 and or	maximum 1, biday	ATURE OF PRINCIPAL EX FICER OR AUTHORIZED		NUM	BER	IEAK	J.I.O
COMMENT AND EXPLA				ents here		1,	1				<u> </u>
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

ADDRESS: 76 South M				(2-16) PA0025615 PERMIT NUMBER MONITO		(17-19 013 DISCHARGE					« "
FACILITY: Beaver Val LOCATION: Shippingpo	lley Power Station ort Borough, Beav		M YEAR MO (20-21) (22-	0 D	MONITORING PI NAY TO SU 4-25)	ERIOD YEAR MO 02 Q7 (26-27) (28-29	DAY (30-31)	NOTE: Read	d instruction	ns before comple	eting this form
Parameter (32-37)		(4653)	ANTITY OR LOADI (54-61)		(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	Comple	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
,	Sample Measurement	0.012	0.024	ļ	*	*	*			77	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*.		•	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	0.23	0.28		0	2/31:4	CALC
Total Residual Chlorine	Permit Requirement		*		*	0.5	1 25	MG/L	/ *	2/MONTH ≠	CALCULATE
	Sample Measurement	•	+			0.017	0.028			1/7	CALC
Copper	Permit Requirement	* .	*		* .	MONITOR A		MG/L	*.	1/WEEK	CALCULATE
,	Sample Measurement	Requirement * * Sample			*						
Chlorobenzene	Permit Requirement		. ,		#/-	MONITOR A	ND REPORT .	MG/L	*.	2/QUARTER	CALCULATE
	Sample Measurement	*	86		•	*	*		0	\/\\	GRAB
Temperature	Permit Requirement	· •	i10.	°F	. * -		₹. \$.	*	24	1/WEEK	GRAB (i-s)
,	Sample Measurement	•	*		. *	40.02	L0.0Z			431	CALC
Cyanide, tot	Permit Requirement	- + • ·		*	* 77	MONITOR A	ND REPORT	S.U.	A.	2/MONTH	CALCULATE
	Sample . Measurement	•	*		7.40.	*	7.61	1	0	1/7	CALC
Нa	Permit Requirement	; · • 2'	*	*	60	* `~	90	S U.	-4	1/WEEK -	CALCULATE
NAME/TITLE PRINCIPAL EXECU	UTIVE I CERTIFY (NDER PENALTY OF LAW TH						TELEPHON	IE		ATE
WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR 0 BTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FIRE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319. POSSIBILITY OF FIRE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319. Greature of Principal Executive imprisonment of between 6 months and 5 years) COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)							<u> 28</u>				
COMMENT AND EXPLA	ANATION OF A	NY VIOLATIONS (I	keierence all attachm	ients here)	V	~		•			

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