

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

May 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 April 2002 as submitted to the Pennsylvania Department of Environmental Protection.

Sincerely, long For JUV

Joseph W. Venzon Chemistry and Environmental Manager

DJS

C: J.W. Venzon Licensing File

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Instructions:

- 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.

Permitte	ee: <u>Fei</u>	NOC			
Plant:	Beaver	Valley	Power	Station	
	PA0025				
Municipa	ality: _	Shippi	ngport	Borough	
County:	Beaver				

Month: Year:

For sludge that is incinerated: Pre-incineration weight =

Pre-incineration weight = _____ dry tons Post-incineration weight = _____ dry tons

UNIT 1

	HAULED AS LIC	UID SLUDGE			AS DEWATERED S	LUDGE	
Gallons)	X (% Solids)	(Conversion X Factor)	Dry Tons	(Tons of Dewatered Sludge)	X (% Solids)	X (.01) =	Dry Tons
8,000	2	.0000417	0.667			.01	
····							•••••
							·
				1		<u>† </u>	
		TOTAL	0.667		TOT	\L` =	

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

	Site 1	Site 2	Site 3	Site 4
	Borough of Monaca			
Name:	Sewage Treatment Plant			
Permit No.:	PA0020125	PA0026328		
Dry Tons Disposed:		0.607		
Type: (check one)	· · · · · · · · · · · · · · · · · · ·			
Landfill				
Agr. Utilization		·		
Other (specify)				
County:	Beaver	Beaver		
(SSR-1 3/21/91)		Donald Jalera F	WV Chemistry Manager Title	S-2B-02 (724) 682-5113 Date Telephone

DISCHARGE	MONTTORING	REPORT	SUPPLEMENTAL	SEWAGE	SLUDGE RE	PORT
DIJUUNUE	1.101171.01/711/0	11(m) VI(1				

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 If no sludge was removed, note on form.

Permitt			
Plant:	Beaver	Valley Power	: Station
	PA00256		
Municipa	ality:	Shippingport	Borough

Month:

For sludge that is incinerated:

Pre-incineration weight = _____ dry tons Post-incineration weight = _____ dry tons

UNIT Z

	-				SLUDGE PRO	DUCT	ION I	NFORMA	TIO	l (prior	to inc	inerat	ion)	6FU	TCO		1100			
	H	AULEU	AS LIC	UID	SLUDGE (Conversion				- <u>-</u>	(Ton	s of	HAULED	AD	UEW/	IER	ED 31	UDG	Ľ		
(Gallons)	X (¥ 501	ids)	X	Factor)	-	Drv	Tons		Dewater		idae)	X	12 5	io13	ds)	X C	.01)	=)ry Tons
14.500	$\hat{\mathbf{r}}$	2	[145]	$\hat{\mathbf{T}}$.0000417	<u> </u>	$\frac{1}{\sqrt{2}}$	and the second se	-++-	Deneter			Ť	10 3				01	T	
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12002I0	N 511	E IN		∩N+	List all s	ites	. eve	n if n	ot u	sed this	month	1								
UISPOSP	IL JI	L 10	UNMALL	S	te 1			Site	2			Site	3					Sit	e 4	
• • • • • • • • • • • • • • • • • • • •			Borough		Monaca															
ame:			Sewage	Tre	atment Plant	Ho	pewel	ll Town	nshi	р										
ermit No.:			PA00201			PA	00263	328												
ry Tons Dis	sposed	1:						1.2												
ype: (check	c one							-	•											
Landfill					· · · · · · · · · · · · · · · · · · ·	_														
Agr. Utili	zatio	ก												·						
Other (spe	cify)					1		•				•				_				

(SSR-1 3/21/91)

Beaver

County:

DVOID Taleva SW Chemis Signature

Beaver

Chemistry Manager

5-20-02 (724) 682-5113 Date Telephone

Year: 2002

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

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

1 401110												
NAME: First Energy	Nuclear Operatin	ng Company	(2-	16)		(17-19)					
ADDRESS: 76 South M		8	PA00	25615		001						
ADDRESS. 70 South M Akron, OH				NUMBER		DISCHARGE	NUMBER					
Akron, OH	44308				MONITORING P	the second se				•		
					the second s	YEAR MO	DAY					
	lley Power Station						30					
LOCATION: Shippingpe	ort Borough, Beav	er County	000-04					NOTE: Dea	d instruction	ns before comp	leting this fo	rm
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29		NOTE: Rea				
Parameter	1	(3 Card Only) QU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPI	
(32-37)		(4653)	(54-61)	-	(38-45)	(46-53)	(54-61)		EX	OF	TYPE	-
(52 57)										ANALYSIS	(69-70	" I
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)		
	Sample Measurement	34.8	41.6		*	*	*			DAILY	CON	I
Flow	Permit Requirement		ND REPORT	MGD	*	*	*	*	*	DAILY	CON	
riow	Sample	*	*	1	*	0.09	0.29		0	CONT	Rec	D
	Permit	*	+	1.	*	AVG CONC 0.2	MAX CONC 0.5	MG/L	*	CONT	RECORI	DED
Free Available Chlorine	Requirement Sample	*	*		*	0.16	0.38		0	17	GRA	B
	Permit	*	*	1 *	*	0.5	INSTANT MAX 1,25	MG/L	*	I/WEEK	GRA	
Total Residual Chlorine	Requirement Sample	*	*		*	**	*		**	**	**	
	Measurement Permit		*	- *	*	NOT DETE	CTABLE	MG/L	*	WHEN DISCHARG	24 HO COMPO	UR SITE
Clamtrol (CT-1)	Requirement Sample	*		+	*	*	**		**	**	**	
	Measurement	*	*	-	*		1.1.			WHEN	24 HO	UR
Betz DT-1	Permit Requirement	*	*	*	*	*	35.0	MG/L	*	DISCHARG	COMPO	SITE
·	Sample Measurement	*	*		*							· · · · · · ·
Changeling	Permit Requirement	*	*	- *	*	0.2	0.2	MG/L	*	2/YEAR	24 HO COMPO	SITE
Chromium	Sample	*	*		*							
	Measurement Permit	*		-	*	1.0	1.0	MG/L	*	2/YEAR	24 HO COMPO	UR SITE
Zinc	Requirement	1	<u> </u>		1	1.0	<u></u>	TELEPHON	NE		DATE	
NAME/TITLE PRINCIPAL EXEC	CUTIVE I CERTIFY	UNDER PENALTY OF LAW T	HAT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAK	1		•=				
OFFICER		INFORMATION SUBMITTE	D HEREIN AND BASED ON SIBLE FOR OBTAINING THE I	NEODWATION	I TRELIEVE							
- WSEPH W. VENZ		UTTED DIEDBALLUT KESPUNS	UE, ACCURATE AND COMP	LETE I AM	AWARE THAT		Far1			1		
	THE SUBM	E SIGNIFICANT PENALTIES F	OR SUBMITTING FALSE INFO	RMATION. IN	CLUDING THE	a little	5 1 11 /	82-5	1(2	07	05	70
PLEMISTRY MONI	ACAL POSSIBILIT	TY OF FINE AND IMPRISON	IMENT SEE 18 U.S.C. §100	01 AND 33 U	J.S.C. 61319.	motano		04-2	112	OZ YEAR		ZO DAY
JOSEPH W. VENE CHEMISTRY MANNE TYPE OR PRINT	(Penalties	under these statutes ma	y includes fines up to \$1	0,000 and o	r maximum . SIGN	ATURE OF PRINCIPAL E	XECUTIVE AREA		000	YEAK	МО	DAT
	imprisonn	nent of between 6 months a	and 5 years)		0	FFICER OR AUTHORIZED	AGENT CODE	NUM	BEK	<u></u>		
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS	(Reference all attachi	ments here	2)							
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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

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- * HYDRAZINE AND AMMONIA APPLY ONLY DURING CONDITIONS OF WET LAY-UP. PLANT WAS NOT IN WET LAY-UP IN APPLIL 2002.
- ** NO CLAMICIDE APPLICATION USING CT-1 WAS COMPLETED IN APPLIL 2001.

PERMITTEE NAME ADDRESS (Include	
Facility Name / Location)	

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

1 acting traine / Docation											
NAME: First Energy	Nuclear Operating	Company		16)		(17-19	and the second				
ADDRESS: 76 South M	fain Street		PA00	25615		001 (CO					
Akron, OH	the second s		PERMIT	NUMBER		DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver Val	lley Power Station	n FROI	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0		77	02 04			•••••		the this form
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29	/	NOTE: Rea		ns before comple	
Parameter	1	(3 Card Only) QL	JANTITY OR LOADI	ING	(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	11LC
	1					AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS		AVERADE	*		(02 00)	*	*
	Measurement	*	*		<u> </u>	<u> </u>	~	4			
Hydrazine	Permit Requirement	*	. •	*	NOT DET	ECTABLE USING AS		MG/L	*	1/WEEK	GRAB
	Sample	*	*		*	*	*			K	×
	Measurement Permit		*	- .		MONITOR A	UD PEPOPT	MG/L	*	1/WEEK	GRAB
Ammonia	Requirement Sample	*	*	<u>├</u>			40.01	1110/2	1	2/30	GRAB
	Measurement	*	*	4		20.01		-		<i>f</i>	
Phenols	Permit Requirement	*	*	*		MONITOR A		MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	1.9	3.0			2/36	GRAB
. The second s	Permit	*	*	*	*	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
Iron	Requirement Sample	*	*			1.1	1.7			2/30	GRAB
	Measurement Permit	*	*	- ·		MONITOR A	4 · · ·	MG/L	*	2/MONTH	GRAB
Aluminum	Requirement Sample	*	*	<u> </u>	0.11	1	8.37			1/7	GRAB
	Measurement	*	*	4	8.11	*	0.5	4	1000 - 10000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	<u> </u>	
pH	Permit Requirement	*	*	*	6.0		9.0	S.U.	* *	IWEEK	GRAB
	Sample Measurement	*	*		*	ų:	*			*	*
	Permit Requirement	*		7 *	*	*	*	*	*	*	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	LAT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAR			TELEPHO	NE		DATE
OFFICER	WITH THE	E INFORMATION SUBMITTE	D HEREIN AND BASED ON	N MY INQUIR	Y OF THOSE						
JOSEPH W. VENE	INDIVIDUA	ALS IMMEDIATELY RESPONS	IBLE FOR OBTAINING THE	NFORMATION	. I BELIEVE	11190	for,				
	THE	ITTED INFORMATION IS TR E SIGNIFICANT PENALTIES FO	UE, ACCURATE AND COMP	LETE, I AM A	LUDING THE	nuldetillo	FOR TWN 770	100-	~ 1 2		00 30
CHEMISTRY MAN		TY OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	01 AND 33 U	.s.c. §1319.	- marchana	<u> </u>		>112	YEAR -	<u>OS</u> ZO MO DAY
TYPE OR PRINT	(Penalties	under these statutes ma	y includes fines up to \$1	0,000 and or	maximum SIGN	ATURE OF PRINCIPAL E	XECUTIVE AREA		DED	YEAR	MU DAY
	imprisonn	nent of between 6 months a	and 5 years)		01	FFICER OR UTHORIZED	AGENT CODE	NUM	IDEK	<u>I</u>	
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS ((Reference all attachi	ments 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

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006. * HY OLAZINE AND AMMONIA APPLY DURING CONDITIONS OF WET LAY-UP. PLANT WAS NOT IN WET LAY-UP IN APPLIL 2002.

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

NAME: First Energy ADDRESS: 76 South M Akron, OH		ng Company	(2-16) (17-19) PA0025615 101 PERMIT NUMBER DISCHARGE NUMBER							•	
Akron, Or	44308		F ERIVIT		MONITORING P		NOMBER				
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 04			02 04					
	<u> </u>		(20-21) (22-		-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before comple	eting this form
Parameter (32-37)		(3 Card Only) QI (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	ENTRATION (54-61)	<u></u>	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
<u>, , , , , , , , , , , , , , , , , , , </u>	Sample Measurement	0.003	0.026		*	*	*			DAILY	CONT
Flow	Permit Requirement		ND REPORT	MGD	*	*	•	*	•	DAILY	CONT
	Sample Measurement	*	*		*	64.0	14.0		0	1/7	2 HR Comp
Suspended Solids	Permit Requirement	* 2	•	*	*	30	100	MG/L		1/WEEK	2 HP COMP 2 HOUR COMPOSITE
	Sample Measurement	*	*		*	45.0	LS.0		0	17	GRAB
Oil and Grease	Permit Requirement	*	10 #	*	*	15	20	MG/L		I/WEEK	GRAB
	Sample Measurement	*	*		······································	*	*			*	*
Hydrazine	Permit Requirement	*		*	****	MONITOR A	ND REPORT	MG/L		1/WEEK	GRAB
	Sample Measurement	*	*			*	*			*	*
Ammonia	Permit Requirement	*	+	*	*	MONITOR AI	ND REPORT	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		7.21	*	69.90		0	17	GEAB
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	* [*	*	*	*	*	*	*
NAME/TITLE PRINCIPAL EXECT OFFICER JOSEPH W. VENZ CHEMISTRY MANA	WITH THE INDIVIDUAL THE SUBMI THERE ARE	INFORMATION SUBMITTED S IMMEDIATELY RESPONSI ITED INFORMATION IS TRU SIGNIFICANT PENALTIES FO	AT I HAVE PERSONALLY EXA HEREIN AND BASED ON BLE FOR O BTAINING THE IN RE, ACCURATE AND COMPLIA R SUBMITTING FALSE INFOR MENT SEE 18 U.S.C. §1001	MY INQUIRY FORMATION, TE, I AM AV MATION, INCI	OF THOSE I BELIEVE VARE THAT LUDING THE	all teler	FOK VINV 724	TELEPHON		02	ATE 05 20
TYPE OR PRINT	(Penalties		includes fines up to \$10		maximum SIGNA	TURE OF ARINCIPAL EX	ECUTIVE AREA	NUME		YEAR	MO DAY

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

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

* HYDRAZINE AND AMMONIA MONITORING ONLY APPLY DURING WET LAY-UP. PLANT WAS NOT IN WET LAY-UP IN APPLI 2002.

PERMITTEE NAME AD Facility Name / Location)	DRESS (Include		NATIONAL POL DISC	LUTANT C HARGE	DISCHARGE EI MONITORING	LIMINATION SYST REPORT (DMR)	FEM (NPDES)				
NAME: First Energy ADDRESS: 76 South M Akron, OH		ng Company	(2- PA00 PERMIT 1	25615 NUMBER	MONITORING PI	(17-19 301 DISCHARGE ERIOD		·	No Dischaege		
FACILITY: Beaver Vall LOCATION: Shippingpo									ns before comple		
Parameter (32-37)		(3 Card Only) Q (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	•		*	in Sarahan Gara∳ina	I/WEEK	ESTIMATE
	Sample Measurement Permit	*	*		*		1. 1. 19 . 1 4				
Suspended Solids	Requirement	*	*	*	¥	30	100	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		k -				·		
Oil and Grease	Permit Requirement	•	- 100 million (100 million) ■ 100 million (100 million)	*	•	15	20	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*	*		*	*
	Permit Requirement	*	•	*	*	*	andra an taon an Ann an taon ∎taona an tao	*	*	*	*
	Sample Measurement	*	*		÷	*	*			*	¥
	Permit Requirement	*	na ang Anganana anganana angana Anganana anganana angana angan	*	*		Section + Real Providence	*	*	*	*
	Sample Measurement	*	*		*	*	*			*	¥:
	Permit	*	*	*	*			*		•	*
	Requirement Sample	*	*		*	*	*			*	*
	Measurement Permit		*	*				*		*	*
NAME/TITLE PRINCIPAL EXECT OFFICER JOSEPH W. VENA CHEMISTRA MANA	CON WITH THE INDIVIDUA THE SUBMI THERE ARE POSSIBILIT	INFORMATION SUBMITTE LS IMMEDIATELY RESPONS ITTED INFORMATION IS TR SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISON	LAT I HAVE PERSONALLY EXA D HEREIN AND BASED ON IBLE FOR OBTAINING THE IN UE, ACCURATE AND COMPLI OR SUBMITTING FALSE INFORM MENT SEE 18 U.S.C. \$1001	MY INQUIRY IFORMATION, STE, I AM A' MATION, INC AND 33 U.	OF THOSE I BELIEVE WARE THAT LUDING THE s.c. §1319.	rald J Dal		TELEPHON		02 0	
TYPE OR PRINT		under these statutes may ent of between 6 months a	y includes fines up to \$10 nd 5 years)	,000 and or		TORE OF PRINCIPAL EX		NUM	BER		

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

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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.

No Discharge in April 2002.

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

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

NAME: First Ene	rgy Nuclear Operati	ing Company	(2	-16)		(17-1	9)		_		
	Main Street	, <u>, , </u>	PA00	025615		401		Ma	Disch		
	DH 44308		PERMIT	NUMBER		DISCHARGE	NUMBER	NO	UISCH	ncoe	
					MONITORING F	PERIOD					
FACILITY: Beaver \	/alley Power Station	n FRO	M YEAR M		DAY TO	YEAR MO	DAY				
LOCATION: Shipping		the second se	02 0			02 OA	-				
Loorthott, ompping	sport Dorougin, Duu				4-25)	(26-27) (28-2)		NOTE: Rea	ad instructio	ns before compl	eting this form
Parameter		(3 Card Only) Q	UANTITY OR LOAD		(4 Card Only)	QUALITY OR CONG	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(3 card only) Q	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(52-57)		(10 00)	(0.01)		(,	()			·	ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample		1		*	*	*				
	Measurement Permit			-				1			1
Flow	Requirement	MONITOR	AND REPORT	MGD ·	*	*	* * 1	*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*						
	Permit			-	1. A						CD 4D
Suspended Solids	Requirement	*	e an e 🕈 e	*	*	30	100	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*						
	Permit								- 100 an 100 100 an 1 9 an 100		CRAR
Oil and Grease	Requirement	*	↓ 1	*	*	15	20	MG/L	-	2/MONTH	GRAB
	Sample Measurement	*	*			+	*				
	Permit		•				**************************************	S.U.	•	2/MONTH	GRAB
pH	Requirement	*	▲ 100 ★ 100 ★ 100 ★	*	6.0	• • •	••••••	<u> </u>		2/MONTH	
	Sample Measurement	*	*		*	*	*			*	*
	Permit	*	•	1 *	*	+	•	*	•	•	· · · ·
	Requirement Sample	ļ		+					-		· · · ·
	Measurement	*	*		*	*	*	4		*	*
	Permit Requirement	*		*			*	*	*	•	*
	Sample	· · · · · · · · · · · · · · · · · · ·				· .		· · · · · · · · · · · · · · · · · · ·			*
	Measurement	*	*	-	*	*	*	-			
	Permit Requirement	*	· · · · · · · · · · · · · · · · · · ·	*		*	14 .	*	•	an an taon an t	*
NAME/TITLE PRINCIPAL EX		UNDER PENALTY OF LAW TH	HAT I HAVE PERSONALLY EX	AMINED AND A	M FAMILIAR			TELEPHO	NE		DATE
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JOSEPH W. VAN			SIBLE F OR O BTAINING T HE I								
			UE, ACCURATE AND COMPI			1010	GOR, -				~ -
HAMISTAN MA			OR SUBMITTING FALSE INFO IMENT SEE 18 U.S.C. §100			neld yota Ver	a 31 1724	692-5	5113	OZ ($\frac{2}{MO}$ $\frac{2}{DAY}$
TYPE OR PRIN		under these statutes may	y includes fines up to \$1	0,000 and or	maximum SIGN	ATURE OF TRINCIPAL E	XECUTIVE AREA				MO DAY
		tent of between 6 months a			OF	FICER OR AUTHORIZED	AGENT CODE	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 M Akron, OH FACILITY: Beaver Vall LOCATION: Shippingpon	44308 ey Power Station	n FROI	PA00 PERMIT M YEAR M OZ OC		MONITORING PI	YEAR MO	DAY			NSHARG	-
Parameter		(3 Card Only) QU	(20-21) (22- ANTITY OR LOADI		(4 Card Only)	(26-27) (28-29 QUALITY OR CONC	, , ,	NULE: Rea	NO.	FREQUENCY	leting this form 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				*	*	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	•	*	* 1	I/WEEK	ESTIMATE
	Sample Measurement	*	*		*						
Total Suspended Solids	Permit Requirement	*	•	*	*	30	100	MG/L	.*	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	- Ai
	Permit Requirement	•	*	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	*	*			. *	*
	Permit Requirement	*	*	*	*	 ¥⊂9	* 6	*	· · · · · · · · · · · · · · · · · · ·	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	* **	*	*	*	•	•	*	*	•	•
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	*		- 141 - 141 •	•	*	*	•	*
NAME/TITLE PRINCIPAL EXECU OFFICER JOSEPH W. VENGOR CHEMISTRY MANA	WITH THE INDIVIDUA THE SUBMI	UNDER PENALTY OF LAW TH INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONM	HEREIN AND BASED ON BLEFOR OBTAINING THE I E, ACCURATE AND COMPL R SUBMITTING FALSE INFOR	MY INQUIRY NFORMATION. ETE, I AM A MATION, INC	OF THOSE I BELIEVE WARE THAT LUDING THE	aldfole		TELEPHON		OZ (
TYPE OR PRINT	(Penalties imprisonm	under these statutes may ent of between 6 months an	includes fines up to \$10 d 5 years)	maximum SIGNA	SIGNATURE OF PRINCIPAL EXECUTIVE AREA OFFICER ON AUTHORIZED AGENT CODE			BER	YEAR	MO DAY	

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

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Page 1 of 1

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

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

						•					
NAME: First Energy	Nuclear Operati	ing Company	(2-	-16)		(17-19))				
ADDRESS: 76 South M			PA00	25615		102					
Akron, OH		······································		NUMBER		DISCHARGE	NUMBER				
					MONITORING P						
EACH ITY. Denne Vel	In Danier Station	FRO	M YEAR M	the second s	AY TO	YEAR MO	DAY				
FACILITY: Beaver Val					$\hat{\mathbf{x}}$	OZ OF	30				
LOCATION: Shippingpo	rt Borough, Beav	ver County				(26-27) (28-29) (30-31)	NOTE: Dea	d instructio	ne hefore comn	leting this form
			(20-21) (22-		4-25)	· / ·		NOTE: Nea			
Parameter			JANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
									((2) (2))	ANALYSIS (64-68)	(69-70)
	<u>_</u>	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	the second se	
	Sample Measurement	20.001	20.00		*	*	*			2/30	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*	*	*	2/MONTH	ESTIMATE
	Sample Measurement	*	*		*	14.3	24.6		0	2/30	GRAB
	Permit	*	*	4	*	30	100	MG/L	*	2/MONTH	GRAB
Suspended Solids	Requirement Sample		*	ļ	+			INIO/L/	0	2/30	
	Measurement	*	*	· ·	*	25.0	LS.0	-		430	GEAB
Oil and Grease	Permit Requirement	*	*	*	*	15	20	MG/L	:*	2/MONTH	GRAB
	Sample Measurement	*	*		7.45	*	7.52		0	2/30	GRAB
pH	Permit Requirement	*	* .	*	6.0	*	9.0	S.U.	*	2/MONTH	GRAB
	Sample Measurement	*	*		. *	*	*			*	*
	Permit Requirement	+	*	•	*	*	*	*	*	*	*
	Sample	*	*		*	*	*			*	*
	Measurement Permit	-		-				1		e e de participa de la composición de l	1
	Requirement	*	∦ a. ¹⁷	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	•	*	*	*		*			÷
NAME/TITLE PRINCIPAL EXECT		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	E	. 1	DATE
OFFICER	WITH THE	INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE						
JOSEPH W. VENZO	N INDIVIDUA	LS IMMEDIATELY RESPONSI									
		ITTED INFORMATION IS TRU				1 1 1 0 0	Gre -	•			
CHEMISTRY MANA	THERE ARE	SIGNIFICANT PENALTIES FO				allonun	a 411/724	- 682 -	5112	02	<u>)</u> s 20
TYPE OR PRINT	POSSIBILIT	Y OF FINE AND IMPRISONA under these statutes may				TURE OF PRINCIPAL EX				YEAR	MO DAY
I I LE OK FRINI		ent of between 6 months ar	•	,000 and 01		ICER OR AUTHORIZED		NUME	BER		
COMMENT AND EXPL				ents here)	the second s	<u> </u>					

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

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Page 1 of 1

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

NAME: First Energy	y Nuclear Operat	ing Company	(2-			(17-19					
ADDRESS: 76 South M	fain Street		PA00			002	and the second				
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver Val					DAY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Bea	ver County	02 0		Σ	02 04	the second s	NOTE D.		hofens comple	ting this form
			(20-21) (22-2		4-25)	(26-27) (28-29		NULE: Rea		ns before comple	
Parameter (32-37)		(3 Card Only) QI (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (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	0.006	0.046		*	*	*			47	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	 The second s	**************************************	*		1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	*	*			*	•
	Permit Requirement	*	*	*	*	•		*	tina di Salari Internationality Salari		*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	مربعہ ہوتی ا بد	*	•		• ● 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	*	•		*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	•		*	•	•	• •	*			*
	Sample Measurement	*	+		*	*	*			*	*
	Permit Requirement	•		*	* - 1	상학(왕) (1997년 - 唐일(1977년) (1997년 - 唐일(1977년)	•	*			*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*		*	*	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -		*			₽
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	•		*	*		1997年1月1日日 1997年1月1日日 1997年1月1日日	*		•	*
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY WITH TH	INFORMATION SUBMITTEE	AT I HAVE PERSONALLY EXA D HEREIN AND BASED ON IBLE F OR O BTAINING THE IN	MY INQUIRY	OF THOSE	And an		TELEPHON	E	D	ATE
Jason W. Uava	ON THE SUBN	ITTED INFORMATION IS TRU	UE, ACCURATE AND COMPLI	ETE. I AM A	WARE THAT		EN.				
TYPE OR PRINT	YOL POSSIBILI	TY OF FINE AND IMPRISON	R SUBMITTING FALSE INFOR MENT SEE 18 U.S.C. §1001 / includes fines up to \$10	AND 33 U.	s.c. §1319.	ATURE OF ARINCIPAL EX		682-			$\frac{\Delta}{M0}$ $\frac{20}{DAY}$
	imprisonr	nent of between 6 months a	nd 5 years)		OF	FICER OR AUTHORIZED	AGENT CODE	NUMI	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)

1 400000 1 4000 2 40000											
NAME: First Energy	Nuclear Operati	ng Company		-16)		. (17-19	<u>))</u>				
ADDRESS: 76 South M)25615		103					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
······					MONITORING P						
FACILITY: Beaver Vall	ley Power Station	FRO			AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0			02 04	30		•• • •••		sting this form
			(20-21) (22-	-23) (24	1-25)	(26-27) (28-29		NUTE: Rea		ns before compl	
Parameter	I	(3 Card Only) QU	JANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	1 I FE
			MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	AVERAGE	and the second	UNITS					[2/30	EST
	Measurement	0.042	0.089		*	*	*	-	ļ	-750-	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*.	*	*	*	* .	2/MONTH	ESTIMATE
Flow	Sample		*		*	29.9	49.1		0	5/30	Z4-HRL COMP
	Permit	*		-				-	*		24 HOUR COMPOSITE
Suspended Solid	Requirement	*	*	*	*	30	100	MG/L		2/MONTH	
	Sample Measurement	*	*		6.36	*	7.14		0	2/30	GERB
	Permit	*	*	- *	6.0	*	9.0	S.U.	*	2/MONTH	GRAB
pH	Requirement Sample	•							1	*	*
	Measurement	+	*	4	*	*	*	-{			
	Permit Requirement	*	*	*	*	*	*	*	*	*	* *
	Sample	*	*		*	*	*			*	*
	Measurement Permit			-	*	#	*	- +	*	*	*
	Requirement Sample	* .	*	*	*		· · · · · · · · · · · · · · · · · · ·			*	*
	Measurement	*	*		*	*	*	4			
	Permit Requirement	*	* 1	*	*	*	*	*	*	*	*
· · · · · ·	Sample	*	*		*	*	*			+	*
	Measurement Permit		· · · · · · · · · · · · · · · · · · ·	-			*	1.		*	*
	Requirement	*	*.	*	*			TELEPHON	I JE		DATE
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH INFORMATION SUBMITTED	AT I HAVE PERSONALLY EX	AMINED AND A	OF THOSE			1000			
OFFICER		LS IMMEDIATELY RESPONSE	BLEFOR OBTAINING THE	NFORMATION.	I BELIEVE						
JOSEPH W. VENI	CON THE SUBM	ITTED INFORMATION IS TRU	JE, ACCURATE AND COMPL	LETE. I AM A	WARE THAT	00.10	FOL, my				
CHEMISTRY MAN	SAGEN THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFO	RMATION. INC		milliterilis	a July 724	(82-:	513	02 0	MO DAY
TYPE OR PRINT		under these statutes may	includes fines up to \$1	0,000 and or	maximum SIGN/	ATURE OF PRINCIPAL EX	ECUTIVE AREA	•		YEAR	MO DAY
		ent of between 6 months as				FICER OF AUTHORIZED		NUM	BER	ll	
COLUMN TAND FUN	INTATION OF A	NIX MUOL ATTONIC	Deference all attach	mante hara)		·	•				

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)

1 activity (name / Document)											
NAME: First Energy	Nuclear Operati	ng Company		16)		(17-19)				
ADDRESS: 76 South M			PA00	25615		203					
Akron, OH			PERMIT			DISCHARGE	NUMBER				
				1	MONITORING P						
FACILITY: Beaver Val	lley Power Statio	n FRO			AY TO	YEAR MO	DAY				
LOCATION: Shippingpo				40		02 04	30				ting this form
······································			(20-21) (22-	23) (24	-25)	(26-27) (28-29	, <u>,</u> ,	NOTE: Rea		ns before comple	the second se
Parameter	J	(3 Card Only) QU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC.	ENTRATION		NO. EX	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EA.	ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	and the second		01113	*	*	sk:		0	47	Mars
	Measurement	0.014	*		*			1			1
Flow	Permit Requirement	0.023	*	MGD	*	*	*	*	*	1/WEEK	MEASURED
	Sample Measurement	*	*		*	2.2	2.3		0	2/30	BHP BHOUR 8HOUR
	Permit	*	*	1 .	*	25	50	MG/L	*	2/MONTH	COMPOSITE
CBOD-5 Day	Requirement Sample					10.9	12.5		0	Z/30	8 HOUR
	Measurement	*	*	4	*	10.1					8 HOUR
Suspended Solids	Permit Requirement	+	*	*	*	30	60	MG/L	*	2/MONTH	COMPOSITE
	Sample Measurement	*	*		*	0.16	0.25		0	2/30	GRAB
	Permit	*	*	1 *	*	1.4	INST MAX 3.3	MG/L	*	2/MONTH	GRAB
Total Residual Chlorine	Requirement Sample					17.7	25.0		0	Z/30	GRAB
Fecal Coliform May 1 to Sep 30	Measurement Permit	*	* .		*	200	1000	·			
Oct 1 to Apr 30	Requirement	*	*	*	*	2000		#/100 ML	+	2/MONTH	GRAB
	Sample Measurement	*	*		7.55	. *	8,13	1		2/30	GRAB
	Permit Requirement	*	*	*	6.0	*	9.0	S,U,	*	2/MONTH	GRAB
pH	Sample		*		*	*	*			*	*
	Measurement Permit	*				*	ak ^a				
	Requirement	*	*	*	*	•		TELEPHON	JE	T	DATE
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW THE INFORMATION SUBMITTED	AT I HAVE PERSONALLY EX.	MINED AND A	M FAMILIAR			122211101			
OFFICER		LS IMMEDIATELY RESPONS	BLEFOROBTAININGTHE	NFORMATION.	I BELIEVE						
JOSEPH W. USWS	THE SUBM	ITTED INFORMATION IS TRU	UE, ACCURATE AND COMPL	ETE. I AM A	WARE THAT	8 A 5 1 A	For,				
Company and a	THERE ARI	E SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFO	MATION. INC	LUDING THE	millitrilla	a Jun 724	682-	5113	02 0	05 20
CHEMISTRY MANA	POSSIBILIT	Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	I AND 33 U.	s.c. §1319.	ATURE OF PRINCIPAL EX				YEAR	MO DAY
TYPE OR PRINT	1 (renames	under these statutes may ment of between 6 months a	y includes tines up to \$1 nd 5 years)	0,000 and or		FICER OR AUTHORIZED			BER		
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (Reference all attachn	nents here)	the second design of the secon						

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Page 1 of 1

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

1 domy 1 date : 20000000											
NAME: First Energy	Nuclear Operatir	ig Company	(2-	16)		(17-19)				
ADDRESS: 76 South M	ain Street			25615		303					
Akron, OH			PERMIT	NUMBER		DISCHARGE	NUMBER				
		<u> </u>			MONITORING P						
FACILITY: Beaver Vall	ley Power Station	FROM			DAY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0			07 04	(30-31)	NOTE: Rea	d instruction	ns before comple	eting this form
			(20-21) (22-		4-25)	(26-27) (28-29			NO.	FREQUENCY	SAMPLE
Parameter		(3 Card Only) QU	ANTITY OR LOAD	ÍNG	(4 Card Only)	QUALITY OR CONC	ENTRATION (54-61)		EX	OF	TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(34-01)		2	ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	0.019	0.056		*	*	*			17	EST
	Measurement Permit		· · · · · · · · · · · · · · · · · · ·	MGD	*	*	*] .	*	1/WEEK	ESTIMATE
Flow	Requirement Sample	MONITOR A	ND REPORT	MOD	*	10.7	19.6		0	1/7	GRAB
	Measurement Permit		*	1.	*	30	100	MG/L	*	1/WEEK	GRAB
Suspended Solids	Requirement Sample	*		<u> </u>		7.8	18.0		0	1/7	GRAB
	Measurement Permit	*	*	-	*		20	MG/L	*	1/WEEK	GRAB
Oil and Grease	Requirement	*	*	*	*	15	8.35		0	1/7	GLAB
	Sample Measurement	*	*	_	7.28	*	0,22	-			
pH	Permit Requirement	*	*	*	6.0	*	9.0	<u>S.U.</u>	*	I/WEEK	GRAB
	Sample Measurement	*	*		sk:	*	*	-		*	*
	Permit Requirement	*	*	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	*	• *			*	*
	Permit Requirement	*	*	1.	*	*	•	. *	*	*	*
······································	Sample	*	*		*	*	*			*	*
	Measurement Permit		*		*	*	*	*.	*	*	*
	Requirement	UNDER PENALTY OF LAW TH		AMINED AND				TELEPHO	NE		DATE
NAME/TITLE PRINCIPAL EXEC	WITH THE	INFORMATION SUBMITTE	D HEREIN AND BASED OF	N MY INQUIR	Y OF THOSE			•		•	
		LS IMMEDIATELY RESPONS	IBLE FOR O BTAINING THE	INFORMATION	i, I believe						
JOSEPH W. UENZ		ITTED INFORMATION IS TR	UE, ACCURATE AND COMP	LETE. I AM	AWARE THAT	1 9 4 4 0	FOLINI	107-0	517	1 ~7 /	os 20
P.LONISTRY MAN	A	E SIGNIFICANT PENALTIES FO	DR SUBMITTING FALSE INFO	01 and 33 t	LS.C. 81319.46 Y IN	vallogen	2. 9/11/ 724			$\left \frac{OZ}{YEAR} \right \frac{O}{2}$	$\frac{OS}{MO} = \frac{2O}{DAY}$
CHEMISTRY MAN	(Penalties	under these statutes may	y includes fines up to \$1	10,000 and o	r maximum SIGN	ATURE OF PRINCIPAL E	AGENT COD		BFR	YEAR	MO DAI
	imprisonn	nent of between 6 months a	ind 5 years)		0	FFICERORAUTHORIZED	AGENI COD				
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (Reference all attach	ments here	9 _.	· •		· •			

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Page 1 of 1

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

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

	Nuclear Operat	ing Company	(2-			(17-1)					
ADDRESS: 76 South M			PA00			403			Nh I)ISCHARC	
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P		DAY				
FACILITY: Beaver Val					AY TO	YEAR MO					
LOCATION: Shippingpo	rt Borough, Bea	ver County	02 0			<u>(26-27)</u> (28-29)		NOTE - Rea	d instructio	ons before compl	eting this form
			(20-21) (22-		4-25)			NOTE: NO		_	SAMPLE
Parameter (32-37)		(3 Card Only) Q (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	TYPE
2		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*				
Flow	Permit Requirement	MONITOR	AND REPORT	MGD				*		I/WEEK	ESTIMATE
	Sample Measurement	*	*		*						
Suspended Solids	Permit Requirement			*.		30	100	MG/L		I/WEEK	GRAB
	Sample	+	*		*						
	Measurement Permit				1			NOT		I/WEEK	GRAB
Oil and Grease	Requirement	1 ang 1 ang k		*	二	15	20	MG/L	in teleformet et el	CONTRACTOR OF	URAD
	Sample Measurement	*	*		. *						
Hydrazine	Permit Requirement	•		*	NOT DET	ECTABLE USING AS	TM D-1385	MG/L		1/WEEK	GRAB
rtydrazine	Sample	*	*		*		1				
	Measurement Permit	*									
Ammonia	Requirement	*	•	*	*	MONITOR A	ND REPORT	MG/L	*	No. I/WEEK	GRAB
	Sample Measurement	*	*		*						
Total Residual Chlorine	Permit	*		*	*	0.5	INSTANT MAX	MG/L	*	1/WEEK	GRAB
Total Residual Chiornic	Requirement Sample				*						
	Measurement Permit	*	* 						9. g. (WHEN	24 HOUR
Clamtrol (CT-1)	Requirement	•		*	*	NOT DET	ECTABLE	MG/L	•	DISCHARGE	COMPOSITE
NAME/TITLE PRINCIPAL EXEC			HAT I HAVE PERSONALLY EXA					TELEPHON	NE		DATE
OFFICER			D HEREIN AND BASED ON SIBLE FOR OBTAINING THE I								1
JOSEPH W. UENZO			UE, ACCURATE AND COMPL				Car				1
CHOMISTER MAN		E SIGNIFICANT PENALTIES F	OR SUBMITTING FALSE INFOR	MATION. INC	LUDING THE	million	n 1961 724	682.	5113	02 5	5 20
TYPE OR PRINT	POSSIBILI	TY OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §1001 y includes fines up to \$10	AND 33 U.	s.c. §1319. SIGNA	TURE OF PRINCIPAL E	M G V	~~~		YEAR	MO DAY
I IFE OK FRINT		ment of between 6 months		,000 and 01		FICER OR AUTHORIZED		NUMB	ER		<u> </u>

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 2

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

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raciny nume / Docurrenty											
	Nuclear Operatin	ng Company		-16)		(17-19)	<u>)</u>	ł	1		
ADDRESS: 76 South Ma	and the second			25615		DISCHARGE	TUMPED		Jo Die	SCHARG	E
Akron, OH	44308		PERMIT	NUMBER			NUMBER	•			<u> </u>
				and the second se	MONITORING P						
FACILITY: Beaver Vall	ey Power Station	FROM			AY TO	YEAR MO	DAY				
LOCATION: Shippingpor	rt Borough, Beav	er County	02 0	4 (21	02 04					
			(20-21) (22-	-23) (24	4-25)	(26-27) (28-29)) (30-31)	NOTE: Rea	d instruction	is before compl	and the second
Parameter		(3 Card Only) QU	ANTITY 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
(52-57)		(10 00)	(****)		, , , ,				4	ANALYSIS	((0.50)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample		*		*	*					
	Measurement	*	*	-						WHEN	24 HOUR COMPOSITE
Betz DT-I	Permit Requirement	*	*	*	*	*	35.0	MG/L	*	DISCHARGE	COMPOSITE
Della DT-1	Sample	*	*			*			1		
	Measurement	*	*	4							
pН	Permit Requirement	· · · ·	*	*	6.0	*	9.0	<u>S.U.</u>	*	1/WEEK	GRAB
	Sample	*	*		*	*	*			*	*
	Measurement	*	* 	-							*
	Permit Requirement	*	1 .	*	*	· •	*	*	*	*	
	Sample				*	*	*	1		*	*
	Measurement	*	*	-{				1			
	Permit Requirement	*		*	*	*	*	*	*	* .	*
	Sample	*	*		*	*	*			*	*
	Measurement Permit	•	•	-{			*		÷. *	*	*
	Requirement	*	*	*	* 25	*	*	*	*	+	+
	Sample	*	*		*	*	*		1	*	*
	Measurement Permit			-					*	· · · ·	*
	Requirement	*	*	*	*	*	★12 (A) 14				
	Sample	*	*		*	*	*	. ·		*	*
	Measurement Permit			-			*		*	*	*
	Requirement	.*	*	*	*	*	• • • • • • • • • • • • • • • • • • •	TELEPHO	1		DATE
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAR			TELEPHO	NE		DALL
OFFICER		INFORMATION SUBMITTEE	HEREIN AND BASED OF	N MY INQUIR	Y OF THOSE						
ESEPH W. VENZ	ON INDIVIDUA	LS IMMEDIATELY RESPONS	BLEFOR OBTAINING THE	INFORMATION	. I BELIEVE	• • •	6-0				
		ITTED INFORMATION IS TRUE SIGNIFICANT PENALTIES FO	DE, ACCURATE AND COMP	DELE, LAM A	LUDING THE		FOR	10-	-11-2		05 20
CHEMICAN WAN	ACER POSSIBILIT	Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. 810	01 AND 33 U	.s.c. §1319.	MUD ATTL	JANN 124	682-	210	$\frac{QZ}{YEAR}$ -	
TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$1	10,000 and or	maximum SIGN	ATURE OF PRINCIPAL EX	KECUTIVE AREA			YEAR	MO DAY
	imprisonn	nent of between 6 months a	nd 5 years)		OF	FICER OR AUTHORIZED	AGENT CODE	NUM	IBER		l
COMMENT AND EXPL.	ANATION OF A	NY VIOLATIONS (Reference all attaching	ments here)						

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Page 2 of 2

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

Tuchiny Nume / Locan	010										
	ergy Nuclear Operation	ng Company	(2-			(17-1					
ADDRESS: 76 South			PA00			003					
Akron, C	DH 44308		PERMIT			DISCHARGE	NUMBER				
		··		the second s	MONITORING P						
FACILITY: Beaver					DAY TO	YEAR MO	DAY				
LOCATION: Shipping	gport Borough, Beav	er County	02 0		$\overline{\boldsymbol{\lambda}}$	02 04					
		,	(20-21) (22-2		4-25)	(26-27) (28-2		NOTE: Rea		ns before compl	
Parameter (32-37)		(3 Card Only) QI (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.075	0.164		*	*	*			2/30	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD			n an an thair an 1840. Martin a ≢air a	*	*	2/MONTH	ESTIMATE
	Sample Measurement	*	*		*	2.2	3.6			2/30	Gene
Iron	Permit Requirement	*		*	*	MONITOR A		MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	0.38	0.38			Z/30	GRAB
Aluminum	Permit Requirement	*		*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	sja	*		*	40.01	60.01			2/30	GRAB
Phenols	Permit Requirement	#		*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	9.5	12.0	·		Z/30	GRAB
Nitrate-Nitrite	Permit Requirement			*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	1.6	3.0	·		2/30	GRAB
Phosphorus	Permit Requirement	*		*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	「「「「「「」」「「「」」」	*				• *	*	•	•
NAME/TITLE PRINCIPAL EX	ECUTIVE I CERTIFY L	NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	E	L L	DATE
OFFICER			HEREIN AND BASED ON	•							
Joseph W. Uz	NON THE SUBMI		BLEFOR OBTAINING THEIN JE, ACCURATE AND COMPLI								
CHEMISNEY MAN			R SUBMITTING FALSE INFOR			allth	1 10 771	107-9	SUZ	α	25 20
			MENT SEE 18 U.S.C. §1001			Matxin	124 124	68z-3	2112	YEAR -	
TYPE OR PRIN		· · · ·	v includes fines up to \$10,	,000 and or		TURE OF PRINCIPAL E		NUMI	RER	IEAK	MU DAY
		int of between 6 months at	Reference all attachm	anta hana)		ICER ON NO HORIZED	, TODE	1101/11			L

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

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

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Page 1 of 1

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

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

NAME: First Energy	y Nuclear Operation	ng Company		16)		(17-1					
ADDRESS: 76 South M				025615		004					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver Va	lley Power Station	n FROI			AY TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Beav	ver County		X (OZ OA					()
			• • •		4-25)	(26-27) (28-29		NOTE: Rea		ns before compl	
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOAD (54-61)	DING	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	2.8	7.7		*	*	*			1/30*	Mens
	Measurement Permit	MONITOR A			*	*	*	*	*	1/WEEK	MEASURED
Flow	Requirement Sample	MONITOR A	ND REPORT	MOD	*	0.08	0.08		0	1/30 *	GRAB
Free Available Chlorine	Measurement Permit Requirement	*	*	- *	*	AVG CONC 0.2	MAX CONC 0.5	MG/L	*	1/WEEK	GRAB
Free Available Chlorine	Requirement Sample Measurement	*	*		*	0,16	0.16		0	1/30*	GRAB
Total Residual Chlorine	Permit Requirement	*	*		*	0.5	1.25	MG/L	*	1/WEEK	GRAB
Total Residual Cillornic	Sample Measurement	*	*	-	*	2.9	*			1/30*	GEAB
Iron	Permit Requirement	*	*	*	*	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	1.4	1.4			Y30 *	GRAB
Aluminum	Permit Requirement	*	*	 *	*	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*			10.01	20.01			2/30	GEAB
Phenols	Permit Requirement	*	*	*	*	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*						
Chromium	Permit Requirement	*	*	*	1 2 ¹¹ - 1 11 - 1 12 -	0.2	0.2	mg/l	*	2/YEAR	GRAB
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH						TELEPHON	٩E		DATE
OFFICER		INFORMATION SUBMITTEE									
JOSOPH W. VENS	THE SUBM	LS IMMEDIATELY RESPONSI					FOR				Ì
CHEMISTRY MAN	ACNO THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFO	ORMATION. INC	LUDING THE	all the	774	682 -3	513 L	02 0	75 70
		Y OF FINE AND IMPRISON				ATURE OF PRINCIPAL E		uc.		YEAR _	$\frac{25}{MO}$ $\frac{20}{DAY}$
TYPE OR PRINT		under these statutes may tent of between 6 months at		10,000 and or		FICER OR AUTHORIZED		NUM	BER		
		ion of between o molling a									

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

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Page 1 of 1

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

* DISCHARGE OCCURRED IN ONLY I WEEK IN APRIL 2002.

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

1 active / Documenty			•								
NAME: First Energy	Nuclear Operation	ng Company		-16)		(17-19)					
ADDRESS: 76 South M				25615		004 (CON					
Akron, OH			PERMIT	NUMBER		DISCHARGEN	IUMBER				
				N	IONITORING P			•			
FACILITY: Beaver Val	ley Power Station	n FROM			AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beau	ver County		4 (02 04		NOTE: Dec.	d instruction	ne before comp	leting this form
			(20-21) (22	-23) (24	-25)	(26-27) (28-29)		NUIE: Real			
Parameter		(3 Card Only) QU	ANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONCE	INTRATION		NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	11FC
(/								UNITS	(62-63)	(64-68)	(69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)	(04-08)	
	Sample Measurement	*	*		*					·	
	Permit	*	*	-1 <u>*</u> [*	1.0	1,0	MG/L	*	2/YEAR	GRAB
Zinc	Requirement Sample				7.94	*	7.94		[1/30*	GRAB
	Measurement	*	*	-	() (9	*	1.17				
pH	Permit Requirement	*	*	*	6.0	*	9.0	<u>S.U.</u>	*	1/WEEK	GRAB
	Sample	*	*		*	*	*			*	*
	Measurement Permit		*	-	*	*	*	*	*	*	*
	Requirement Sample	*	*							*	*
	Measurement		*	-	*	*	*				
	Permit Requirement	*	*	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	¥ .	*			*	*
	Permit	••••••	*	-	*	*		*		*	*
	Requirement Sample				*	*	*			*	*
	Measurement Permit	*	*	-				*		*	*
	Requirement	*	· · *	*	*	*	*	*	+		
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	*	*	•	*	*	*	*	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	AMINED AND A	M FAMILIAR			TELEPHON	NE	· ·	DATE
OFFICER	WITH THE	E INFORMATION SUBMITTED	HEREIN AND BASED O	N MY INQUIRY	OF THOSE					Į	
JOSEPH W. USNZ		ALS IMMEDIATELY RESPONSE	BLE FOR OBTAINING THE	INFORMATION.	I BELIEVE		FOR A			1	
JOSENH M. LEVE	THE SUBM	ITTED INFORMATION IS TRU	JE, ACCURATE AND COMI	PLETE, I AM A	WARE THAT	11/11	JW _				05 20
CHEMISTRY MAR	THERE AR	E SIGNIFICANT PENALTIES FO TY OF FINE AND IMPRISON	R SUBMITTING FALSE INFO	DRMATION, INC 101 and 33 11	S.C. 81319.	mill soul	ina 724	62-3	5113	UL -	
TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$	10,000 and or	maximum SIGN	ATURE OF PRINCIPAL EX	ECUTIVE AREA			YEAR	MO DAY
		nent of between 6 months a			OF	FICER OR AUTHORIZED	AGENT CODE	NUM	BER		
COMPANY AND EVEL				ments here)							

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

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Page 1 of 2

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

DISCHARGE OCCUERED IN ONLY I WEEK IN APRIL 2002. *

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				25615		006	•	Ν	N N		-
Akron, OH			PERMIT	NUMBER		DISCHARGE	NUMBER	1	NO U	SCHARG	E
					MONITORING PI	ERIOD	¥				
FACILITY: Beaver Val	ev Power Station	FRO	M YEAR M	the second s	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	rt Borough Beav		DZ 0			OZ OF	- 30				
EUCATION, omppingpo	It Dolough, Deal	<u>or county</u>	(20-21) (22-		4-25)	(26-27) (28-29) (30-31)	NOTE: Read	d instruction	ns before comp	leting this form
Parameter	l	(3 Card Only) QI	JANTITY OR LOAD		(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(•••••)										ANALYSIS	((0.70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*				
	Permit	2				*	* 1	*		1/WEEK	ESTIMATE
Flow	Requirement	MONITOR A	ND REPORT	MGD	. *					1/WEEK	Continent
	Sample Measurement	*	*		*	*	*			*	*
	Permit	*	•	1.		*	*	*		*	*
	Requirement Sample								(*	*
	Measurement	*	*]	*	*	*				*
	Permit Requirement			*		*	*	*	•	•	*
	Sample		· · · · · · · · · · · · · · · · · · ·		*	*	*			*	*
	Measurement	*		-	*						
	Permit Requirement		*	*	*	*	•	*	*	1. 14 A.	*
	Sample	*	*		*	*	*			*	+
	Measurement Permit					1.11 - N.	• • • • • •	*	*		*
	Requirement	*		*	* .	*	12 * 1 - 5 1241	¥			
	Sample Measurement	*	*		*	*	*		L	*	*
	Permit	•	1999年1月1日日日	1.	*	*	1. 1. 1 . 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	*	*	•	*
	Requirement Sample	•	•		2 N T 4	······································					*
	Measurement	*	*		* .	*	*			*	
	Permit Requirement	*	• • • • •	*	*	*		* _		4. E. 1 + 3	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	MINED AND A	M FAMILIAR			TELEPHON	IE		DATE
OFFICER	WITH THE	INFORMATION SUBMITTER	D HEREIN AND BASED ON	MY INQUIRY	OF THOSE						
JOSEPH W. VENE		LS IMMEDIATELY RESPONS									
A COM WWW DEVE		ITTED INFORMATION IS TRUE SIGNIFICANT PENALTIES FO	UE, ACCURATE AND COMPL	BIE, FAM A	LUDING THE	ALV PU	Fall	~ ~ ~	.12		~ 20
CHEMISTRY MANA	POSSIBILIT	Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. \$100	1 AND 33 U.	.s.c. §1319, 🔍 🔍 🕻	Massalu		<u>682-5</u>	5115	50 -	$\frac{OS}{MO}$ $\frac{ZO}{DAY}$
TYPE OR PRINT	(Penalties	under these statutes may	y includes fines up to \$10	0,000 and or	maximum SIGNA	TURE OF FRINCIPAL E		100.00	-	YEAR	MO DAY
	imprisonm	ent of between 6 months a	nd 5 years)		OF	FICER OR AUTHORIZED	AGENT CODE	NUME	JEK	L	l
COMMENT AND EVDI	ANIATION OF A	NV VIOI ATIONS (Reference all attachn	ients here)							

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		ating Company		-16)		(17-1	the second se				
ADDRESS: 76 South M		· · · ·		025615		007		./	5		
Akron, OH	44308		PERMIT	NUMBE		DISCHARGE	NUMBER	No	UIS	CHALGE	1
					MONITORING P						
FACILITY: Beaver Va	lley Power Stat	ion Fl	ROM YEAR M		DAY TO	YEAR MO	DAY				
LOCATION: Shippingp	ort Borough, Be	eaver County	02 0	FC	2	02 04					
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Read	d instructio	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) (4653)	QUANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (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				*	*	*				
Flow	Permit Requirement	MONITO	R AND REPORT	MGD	*	*	tan tan	*	*	I/WEEK	ESTIMATE
	Sample Measurement	*	*		*					i	
Free Available Chlorine	Permit Requirement	*	•	*	*	0.2 AVG CONC	0.5 MAX CONC	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		*						
Total Residual Chlorine	Permit Requirement	*	•	*	•	0.5	1.25	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*			*					
pH	Permit Requirement		*		6.0	*	9.0	S.U .	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement			*	*	*	•	*	*		
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*		*	*	•	• •	*	¥		*
	Sample Measurement	*	*		*	*	• *			*	*
	Permit Requirement	*		*		•		*			*
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIF	Y UNDER PENALTY OF LAW	Y THAT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR	•	· · · · · · · · · · · · · · · · · · ·	TELEPHON	E	Ē	DATE
OFFICER	WITH TI		TTED HEREIN AND BASED ON					. '			
OFFICER JOSEPH W. Uent			ONSIBLE FOR O BTAINING THE I								
			TRUE, ACCURATE AND COMPL				TN. 11 .	-			
CHEMISTRY MAN	IN OF THERE A		S FOR SUBMITTING FALSE INFOR SONMENT SEE 18 U.S.C. §100			millitation	5WN 724	682-	<113	α	$\frac{\Delta}{MO}$ $\frac{20}{DAY}$
TYPE OR PRINT			may includes fines up to \$10			TURE OF PRINCIPAL EX					MO DAY
		ment of between 6 month				FICER OR UTHORIZED	AGENT CODE	NUMB	ER		L
						-				A second s	

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)

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Page 1 of 1

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

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

	y Nuclear Operatin	ng Company		16)	······	(17-1)	the second s				
ADDRESS: 76 South M Akron, OH			PA00 PERMIT			DISCHARGE					
	44500	·····	1 DAMIT		MONITORING P						
FACILITY: Beaver Val	lley Power Station	FRO	M YEAR M		DAY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0			02 0A					
			(20-21) (22-3		4-25)	(26-27) (28-29		NOTE: Rea			leting this form
Parameter			JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(40-33)	(34-01)		LA	ANALYSIS	
_		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	20.001	20.001		*	*	*			1/7	Est
Flow	Permit Requirement		ND REPORT	MGD	•	•		*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	6.2	8.3		0	2/30	GRAB
Suspended Solids	Permit Requirement	*	1997 - 1997 - 1998 1 997 - 1997 - 1998 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	*	•	30	100	MG/L	*	2/MONTH	GRAB
busponded bonds	Sample Measurement	*	*		*	45.0	25.0		0	2/30	GEAB
Oil and Grease	Permit Requirement	*		*	April 1997	15	20	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*			0.2	0.3			2/30	GEAB
Ammonia	Permit Requirement	*	*	*		MONITOR A		MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	0.41	0,68			2/30	GRAB
Iron, tot	Permit Requirement	#	•	*		MONITOR A		MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	0.18	0,36			2/30	GRAB
Aluminum	Permit Requirement	*	* **	*	an a	MONITOR A		MG/L		2/MONTH	GRAB
- Filmmon	Sample Measurement	*	*		*	0.2	0.2			2/20	GEAB
Manganese	Permit Requirement	*	•	*	•	MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
NAME/TITLE PRINCIPAL EXEC		NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	E		DATE
OFFICER			HEREIN AND BASED ON		1						
JOSEPH W. VENT	BON INDIVIDUAL		BLE FOR O BTAINING THE IN JE, ACCURATE AND COMPLE			41.1.4	C .				
CHEMISTER MAN	THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFORM	MATION. INC	LUDING THE	all the	a Sal 1724	682-	<i></i>	02	05 20
TYPE OR PRINT			MENT SEE 18 U.S.C. §1001 includes fines up to \$10			TURE OF FRINCIPAL ED	ECUTIVE AREA	we.		YEAR -	MO DAY
		ent of between 6 months ar		,		ICER OR AUTHORIZED		NUM	BER		
COMMENT AND EXPL	ANATION OF AN	NY VIOLATIONS (Reference all attachm	ents here)							

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

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

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

						/. .					
	y Nuclear Operati	ng Company	(2-1			(17-19					
ADDRESS: 76 South M			PA002			008 (CO				•	
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P		DAY				
FACILITY: Beaver Val					DAY TO	YEAR MO	· · · · · · · · · · · · · · · · · · ·				
LOCATION: Shippingpo	rt Borough, Beav	er County	02 0			(26-27) (28-29		NOTE: Des	d instructio	ns before compl	eting this form
			(20-21) (22-2		4-25)	· · ·	/ (/			-	SAMPLE
Parameter			ANTITY OR LOADIN	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION (54-61)		NO. EX	FREQUENCY	TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(34-01)			ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	*	*		*	L0.01	20,01			2/30	GLAB
Phenols	Permit Requirement	•	•	*	*	MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	0.17	0.21			2/30	GEAB
Zinc	Permit Requirement			*	*	MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
2.110	Sample Measurement	*	*		*	17	17			2/30	GRAB
Color	Permit Requirement			*		MONITOR A	ND REPORT	UNITS		2/MONTH	GRAB
	Sample Measurement	*	*		7.55	*	7.65			Z/30	GLAB
pH	Permit Requirement	•	• •	*	6.0		9.0	S .U.	an ar spinn ar s Statisticae Statisticae	2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*			*	• •
	Permit Requirement	*		*	•			*		****	*
	Sample Measurement	*	÷		*	*	*			*	*
	Permit Requirement	•	•	*	*			*	+	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	•	•	* .	*	•		*	*	• • • • •	*
NAME/TITLE PRINCIPAL EXECT OFFICER		UNDER PENALTY OF LAW THA						TELEPHON	ne.		DATE
Joseph W. Veni		LS IMMEDIATELY RESPONSI									
		ITTED INFORMATION IS TRU					FOR				- 00
CHEMISTRY MOAH		SIGNIFICANT PENALTIES FO				nalationed	2 VIV 1724	- 682-	SIB	$\frac{\partial Z}{\text{YEAR}}$	5 20
TYPE OR PRINT		under these statutes may			maximum SIGN/	ATURE OF RINCIPAL EX				YEAR	MO DAY
	imprisonm	nent of between 6 months an	d 5 years)		OF	FICER OR AUTHORIZED	AGENT CODE	NUM	BER	<u> </u>	l
COMMENT AND EXPLA	ANATION OF A	NY VIOLATIONS (I	Reference all attachm	ents here)	1	v					

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

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

Page 2 of 2

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

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

ADDRESS: 76 South M Akron, OH FACILITY: Beaver Val	44308 ley Power Station	FRO	PA00 PERMIT]	MONITORING P	(17-19 110 DISCHARGE ERIOD YEAR MO	NUMBER	١	Jo D	SCHAR	Æ
LOCATION: Shippingpo	rt Borough, Beav	er County	(20-21) (22-	23) (2)	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) QU (4653)	UANTITY OR LOADI (54-61)		(4 Card Only) (38-45)	QUALITY OR CONC (46-53)			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*	-			
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD				*		1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*		*	₩		*	•			
	Sample Measurement	*	*		*	* .	*			*	*
	Permit Requirement	•	•	*				*			*
	Sample	•	•		*	*	*			*	*
	Permit	•		*			*	*	*		
	Requirement Sample	•	- 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1.0 - 1 ■		*	**************************************	• • • • • • • • • • • • • • • • • • •			*	*
	Measurement Permit										
······	Requirement Sample	<u>an est</u> e seño		•						1991 bene i 1985 - 1 *	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
	Measurement Permit	*			* ************************************					and the second	
······································	Requirement Sample	free la ≢rui liber		*				*	的复数		
	Measurement Permit	*	* 		≠ 61436,01839,4400	* • 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	* ***************			* ******	
	Requirement	*		*		* 이 노래★값 왕 않		*	S		
NAME/TITLE PRINCIPAL EXECU OFFICER JOSEPH W. UEN CHEMISTRY MANA TYPE OR PRINT COMMENT AND EXPLA	EEL WITH THE INDIVIDUAL THE SUBMIT THERE ARE POSSIBILITY (Penalties of imprisonme	INFORMATION SUBMITTED S IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU SIGNIFICANT PENALTIES FO OF FINE AND IMPRISONN under these statutes may ent of between 6 months ar		MY INQUIRY IFORMATION. TTE. I AM AV MATION. INCI AND 33 U.3 ,000 and or	OF THOSE I BELIEVE WARE THAT LUDING THE S.C. §1319 Maximum SIGNA OFF	TURE OF FRINCIPAL EX		CBZ-	5113	oz a	MO DAY

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			010					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P						
	lley Power Station				AY TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Beav	ver County			0	02 04					
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29	, , ,	NOTE: Rea	d instructio	ns before comple	
Parameter	1	(3 Card Only) QU	JANTITY 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
				IDUTE		AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM			UNITS	(02-03)	1/7	
	Measurement	2.27	3.17		*	*	*			177	MEAS
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD		*	•	*	*	1/WEEK	MEASURED
	Sample Measurement	*	*		*	0.0	0.0		0	1/2	GRAB
Free Available Chlorine	Permit Requirement	*	*	*	*	AVG CONC 0.2	MAX CONC 0.5	MG/L	*	1/WEEK	GRABWHILE CHLORO
The Available Chlorine	Sample		*		*	0,0	0.0		0	1/7	GRAB
	Permit	*			-	0,0				the second second	GRABWHILE
Total Residual Chlorine	Requirement	*	* 39	*	*	0.5	1.25	MG/L	• • • •	1/WEEK	CHLORO
	Sample Measurement	*	*		*	*	*		*	WHEN	*
Clamtrol CT-1	Permit Requirement	*	*	*		NOT DETI	ECTABLE	MG/L	•	DISCHARG	24 HOUR COMPOSITE
	Sample Measurement	*	*		*	*	*		*	*	*
Betz DT-1	Permit	· · · · · · · · · · · · · · · · · · ·	•	*	*		35.0	MG/L		WHEN DISCHARG	24 HOUR COMPOSITE
Detz D1-1	Requirement Sample	*	*		7.40	*	7.90	1410/2	0	Vn	GRAB
	Measurement Permit	*			(,40					and the second	
рН	Requirement	*	•	*	6.0	* A	9.0	S.U.	•	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	•	¥	*	*	* * *	•	*	*	•	
NAME/TITLE PRINCIPAL EXEC	the second s	NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR		·	TELEPHON	E	D.	ATE
OFFICER			HEREIN AND BASED ON	•							
JOSEPH W. Uani	TNDIVIDUAL		BLE FOR O BTAINING THE IN			N					
			E, ACCURATE AND COMPLI R SUBMITTING FALSE INFOR			. II I I.	HOP/	100 -			e 20
CHEMISTRY MANYA		OF FINE AND IMPRISONM	MENT SEE 18 U.S.C. §1001	AND 33 U.S	5.C. §1319.	and Francis	JNV 724	682-5	112		5 20
TYPE OR PRINT		•	includes fines up to \$10	,000 and or		TURE OF PRINCIPAL EX		NIT IS 47		YEAR N	10 DAY
COLUCIT AND EVEL		ent of between 6 months an			OFF	ICER OR AUTHORIZED	AGENT CODE	NUME	SEK	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

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

* NO CLAMICIDE APPLICATION USING CT-1 WAS DONE IN APRIL 2002.

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

NAME: First Energy Nuclear Operating Company ADDRESS: 76 South Main Street (2-16) (17-19) ADDRESS: 76 South Main Street PA0025615 DISCHARGE RUMBER NOTE: Read instructions before completing this form FACILITY: Beaver Valley Power Station (12-37) FROM QAY (20-21) TO YEAR MO DAY (20-21) MO TO MAR												
Akron, OH 44308 PERMIT NUMBER DISCHARGE NUMBER FACILITY: Beaver Valley Power Station FROM YEAR MO DAY YEAR MO DAY LOCATION: Shippingport Borough, Beaver County YEAR MO DAY YEAR MO DAY (32:37) (3 Card Only) QUANTITY OR LOADING (4-53) (24-2) (24-2) YEAR MO DAY (32:37) (3 Card Only) QUANTITY OR LOADING (4 Card Only) QUALITY OR CONCENTRATION NOTE: Read instructions before completing this form Sample (46-53) (34-51) (46-53) (54-61) NO EX Flow Sample O.OO YEAR Measurement O.OO Flow Bernit MONITOR AND REPORT MGD Measurement Flow Sample Measurement	NAME: First Energy	y Nuclear Operati	ng Company	(2-	-16)		(17-19)				
MONITORING PERIOD FACILITY: Beaver Valley Power Station LOCATION: Shippingort Borough, Beaver County YEAR MO DAY TO YEAR MO DAY (20-21) (21-23) (24-25) (26-27) (28-29) (30-31) NOTE: Read instructions before completing this form Parameter (3 Card Only) QUANTITY OR LOADING (24-23) (24-25) (30-31) NOTE: Read instructions before completing this form Viscas AVERAGE MAXIMUM UNITS (46-63) (24-61) QUALTY OR CONCENTRATION NO. FREQUENCY SAMPLE (32-37) (46-61) QUANTY OR LOADING (42-63) (46-63) (54-61) NO. EX OF TYPE TYPE AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (62-63) (54-61) EX OF GO GO </td <td>ADDRESS: 76 South M</td> <td>lain Street</td> <td>· ·</td> <td>PAOC</td> <td>25615</td> <td></td> <td>011</td> <td></td> <td></td> <td></td> <td></td> <td></td>	ADDRESS: 76 South M	lain Street	· ·	PAOC	25615		011					
MONITORING PERIOD FACILITY: Beaver Valley Power Station FROM VEAR MO DAY TO YEAR MO DAY LOCATION: Shippingort Borough, Beaver County (20-21) (24-23) (24-25) (26-27) (28-29) (30-31) NOTE: Read instructions before completing this form (22-37) (26-27) (24-25) (24-25) (26-27) (28-29) (30-31) NOTE: Read instructions before completing this form (22-37) (26-27) (24-28) (30-31) (26-27) (28-30) (30-31) NOTE: Read instructions before completing this form (22-37) (26-21) QUANTY OR LOADING (42-43) (30-43) (24-41) (36-45) (64-63) (69-70) Sample AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (36-31) (24-63) (69-70) Flow Regurement MONITOR AND REPORT MGD 4 4 4 4 4 4 4 4 4<	Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER			•	
LOCATION: Shippingport Borough, Beaver County 1/2 1/4 01 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31) NOTE: Read instructions before completing this form Parameter (32-37) (3 Card Only) QUANTITY OR LOADING (46-53) (4 Card Only) QUANTITY OR CONCENTRATION (46-53) NOTE: Read instructions before completing this form Sample (4 Gard Only) QUANTITY OR LOADING (46-53) (4 Card Only) QUALITY OR CONCENTRATION (46-53) NOTE: Read instructions before completing this form Sample AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (62-63) (64-68)]	MONITORING P						
Parameter (32-37) (3 Card Only) (46-53) QUANTITY OR LOADING (46-53) (44-25) (34-61) QUALITY OR CONCENTRATION (46-53) NOTE: Read instructions before completing this form Main (3 Card Only) (46-53) QUANTITY OR LOADING (34-61) (4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) NOTE: Read instructions before completing this form Sample AVERAGE MAXIMUM UNITS (4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) NO. PREQUENCY (54-61) NO. PREQUENCY (62-63) NO. PREQUENCY (62-63) NO. PREDUCNY (64-53) NO. PREDUCNY (64-53) <	FACILITY: Beaver Val	ley Power Station	FRO									
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	LOCATION: Shippingpo	ort Borough, Beav	er County	02 0	4 C		02 04	30				
(32-37) (46-53) (54-61) (38-45) (46-53) (54-61) EX OF TYPE AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (62-63) (64-64) (69-70) Flow Permit Requirement 0.004 <td></td> <td></td> <td></td> <td></td> <td></td> <td>4-25)</td> <td>(26-27) (28-29</td> <td>) (30-31)</td> <td>NOTE: Rea</td> <td>d instructio</td> <td>ns before comple</td> <td>eting this form</td>						4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ns before comple	eting this form
(32-37) (46-53) (54-61) (38-45) (46-53) (54-61) TYPE AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (62-63) (62-70) (62-70) (62-70) (6	Parameter		(3 Card Only) OI	UANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	
AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (62-63) (64-68) (69-70) Measurement 0.004 0.004 . <td>(32-37)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>EX</td> <td></td> <td>TYPE</td>	(32-37)									EX		TYPE
Sample Measurement O.OOA O.OOA Permit Requirement MONITOR AND REPORT MGD • • • I/WEEK ESTIMATE Sample Measurement • • • • • • • Measurement • • • • • • • Measurement • • • • • • • Permit Requirement • • • • • • • Measurement • • • • • • • Requirement • • • • • • • Measurement • • • • • • • Measurement • • • • • • • Measurement • • • • • • • Measure												
Flow Permit Requirement MONITOR AND REPORT MGD * * * 1/WEEK ESTIMATE Sample Measurement * <					UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)		(69-70)
Flow Permit Requirement MONITOR AND REPORT MGD • • • • 1/WEEK ESTIMATE Sample Measurement • • • • • • • • • Permit Requirement • • • • • • • • • Measurement • • • • • • • • • Measurement • • • • • • • • • Measurement • • • • • • • • • Requirement • • • • • • • • • Measurement • • • • • • • • • Requirement • • • • • • • • • Requirement • • • • • • • • Requirement • • • • • • • • Requirement • • • •		Measurement	0.004	0.004		*	*	*			1/2	Est
Measurement *	Flow		MONITOR A	ND REPORT	MGD	*	*	*	*	*.	1/WEEK	
Requirement *			*	*		*	*	*			*	*
Measurement *			*	*	*	*	•	*	*	*	*	*
Permit Requirement * * * * * * * Sample Measurement * * * * * * * Permit Requirement * * * * * * * Measurement * * * * * * * Measurement * * * * * * Measurement * * * * * Permit Requirement * * * * * Measurement * * * * * Measurement * * * * *		Sample Measurement	*	*		*	*	*			*	*
Sample Measurement * * * * * * * Permit Requirement * * * * * * * * Sample Measurement * * * * * * * * Measurement * * * * * * * * Measurement * * * * * * * Sample Measurement * * * * * * Permit Measurement * * * * * *		Permit	*	* .	*	*	+	*	*	*	*	. *
Permit Requirement** <td></td> <td>Sample</td> <td>*</td> <td>*</td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td></td> <td></td> <td>*</td> <td>*</td>		Sample	*	*		*	*	*			*	*
Sample Measurement * * * * * * * Permit Requirement * * * * * * * * Sample Measurement * * * * * * * * Measurement * * * * * * * * Sample Measurement * * * * * * * Permit Measurement * * * * * *		Permit	*	*	*	*	*	· · · · ·	*	*	*	*
Permit Requirement * * * * * * Sample Measurement * * * * * * Permit Requirement * * * * * * Sample Measurement * * * * * * Permit Measurement * * * * * *		Sample	*	*		*	*	+			*	*
Sample Measurement * * * * Permit Requirement * * * * * * Sample Measurement * * * * * * Permit Permit * * * * * *		Permit	*	*	*	*	*	••••••••••••••••••••••••••••••••••••••	- ·	*	+	*
Permit Requirement * * * * * * Sample Measurement * * * * * *		Sample	*	*		*	*	*	1		*	*
Sample Measurement * * * * * * * *		Permit	*	*	*	*	•		*	*	*	*
Permit		Sample	*	*		*	*	*	-		*	*
Requirement * * * * * * * * * * *		Permit	*	*	*	* .		*	- · · · ·	*	*	*
NAME/TITLE PRINCIPAL EXECUTIVE I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR TELEPHONE DATE	NAME/TITLE PRINCIPAL EXECU		NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	IE	D	ATE
OFFICER WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE	OFFICER	WITH THE										
TOSEPH W. VENZON INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT	TOCOPY (1) (lonize	NDIVIDUAL	S IMMEDIATELY RESPONSI	BLE FOR OBTAINING THE I	FORMATION.	I BELIEVE						
		1						Call.				
1 1 1 1 1 1 1 1 1 1	PORMISTRY MALAGO	THERE ARE					rald Lonla	na mil 774	62-5	13.	02 C	5 ZO
TYPE OR PRINT (Penalties under these statutes may includes fines up to \$10,000 and or maximum SIGNATURE OF PRINCIPAL EXECUTIVE AREA VIA VIA VIA VIA VIA VIA VIA VIA VIA VI							TURE OF FRINCIPAL EX	ECUTIVE AREA			YEAR N	
imprisonment of between 6 months and 5 years) OFFICER OR AUTHORIZED AGENT CODE NUMBER		imprisonme	ent of between 6 months ar	nd 5 years)						BER		

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

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

· .	·										
NAME: First Energ	gy Nuclear Operati	ing Company	(2-	16)		(17-1	9)				
ADDRESS: 76 South 1				25615		111					
Akron, OF	H 44308	· · · · · · · · · · · · · · · · · · ·	PERMIT	NUMBER		DISCHARGE	NUMBER				
					MONITORING P	ERIOD					
FACILITY: Beaver Va	alley Power Station	n FRO!	M YEAR M	0 [[DAY TO	YEAR MO					
LOCATION: Shippingp			02 0	FC		02 04	- 30				
			(20-21) (22-	23) (2	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter		(3 Card Only) QU	ANTITY 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	0.002	0,002		*	*	*		<u> () = () / () / () / () / () / () / () /</u>	1/7	EST
	Measurement Permit	0.000	0,002	-			· · · · · ·				
Flow	Requirement	MONITOR A	ND REPORT	MGD	*	*	*.	*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	24.0	24.0		0	47	GRAB
Suspended Solids	Permit Requirement	*	*	*	*	30	100	MG/L	*	1/WEEK	GRAB
	Sample	*	*		*	25.0	25.0		\bigcirc	1/1	GRAB
	Permit			1		· · · · · · · · · · · · · · · · · · ·	1				
Oil and Grease	Requirement		*	*	*	15	20	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		6.82	*	7.16		\Box	1/7	GRAB
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.		1/WEEK	GRAB
<u></u>	Sample Measurement	*	*		*	*	*			*	*
	Permit	*	• • • • • • • • • • • • • • • • • • •	*	*	*	• • • • • •	1.		*	*
<u></u>	Requirement Sample					l	*		1	*	*
	Measurement Permit	*	*		*	*					
	Requirement	*	*	*	*	*		*	* * *	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	्र #	*	*	*	•		*	17 - ¥80 1 - 5 8 ≢ 1 - 5	+	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW THA	T I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	IE	I	DATE
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CHEMISTAN MAT	THERE ARE	SIGNIFICANT PENALTIES FOR	•			ALIA.	FOL	107	5112	OZ C	5 20
		Y OF FINE AND IMPRISONM	IENT SEE 18 U.S.C. §1001	AND 33 U.	s.c. §1319.	ald brailer	aonv 724	68Z-	<u>2115</u>		
TYPE OR PRINT		under these statutes may	•	,000 and or		TURE OF PRINCIPAL EX		NUMB	FR	YEAR	MO DAY
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Page 1 of 1

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

· · ·											
NAME: First Energy	y Nuclear Operati	ng Company	(2-	16)		(17-19)) .				
ADDRESS: 76 South M			PA00	25615		211					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
					MONITORING P	ERIOD					
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M	0 D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beav	er County	02 04	- 0		02 04	30				
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ns before comp	leting this form
Parameter	}	(3 Card Only) QU	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
		AVEDACE	MAXIMUM	IDUTO		AVEDACE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE		UNITS	MINIMUM	AVERAGE	MAXIMUM	UNIIS	(02-03)		
	Measurement	0.002	0,002		*	*	*			1/7	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*	*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	5.6	11.8		0	1/1	GEAB
Suspended Solids	Permit Requirement	. #	*	*	*	30	100	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	25.0	15.0		0	41	GRAB
	Permit									1	
Oil and Grease	Requirement Sample	*	*	*	*	.15	20	MG/L	*	1/WEEK	GRAB
	Measurement	*	*		7.10	*	7.45		0	1/7	GRAB
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.	*	1/WEEK	GRAB
	Sample Measurement	*	*		Ŵ.	*	*			*	*
	Permit Requirement	*	*	*	*		*	· •	* 142	ан Хан такалан 1997 - 19	*
	Sample Measurement	*	*	· · ·	*	*	*		1	*	*
	Permit Requirement	*	*	*	*		*	*	•		*
	Sample	*			*		*	<u> </u>		*	. *
	Measurement Permit		•		•	• •			1	a service a	
	Requirement	*	*	*	*	*	***	*	*	*	*
NAME/TITLE PRINCIPAL EXEC OFFICER		INDER PENALTY OF LAW TH INFORMATION SUBMITTED						TELEPHON	IE		DATE
JOSEPH W. VEN		LS IMMEDIATELY RESPONSE		-	· 1					1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
		TTED INFORMATION IS TRU					64				
CHEMISTRY MAN	ALT THERE ARE	SIGNIFICANT PENALTIES FO				ald total	EUL / 724	62-5	51(3	02	05 20
TYPE OR PRINT	(Penalties	Y OF FINE AND IMPRISONN under these statutes may	view see to u.s.c. \$100 vincludes fines up to \$10	000 and or	maximum SIGNA	TURE OF PRINCIPAL EX				YEAR -	$\frac{OS}{MO}$ $\frac{ZO}{DAY}$
		ent of between 6 months ar		,		ICER OR AUTHORIZED		NUM	BER		
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Page 1 of 1

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

· · · · · ·		~				/1 	~				
	y Nuclear Operatin	ng Company		16)	<u>·</u>]	(17-19)					
ADDRESS: 76 South M		25615		DISCHARGE NUMBER							
Akron, OH	PERMIT	NUMBER			NUMBER						
					MONITORING P	the second s	DAY				
	Illey Power Station				AY TO						
LOCATION: Shippingp	ort Borough, Beav	ver County		4 0				NOTE: Dea	d instructio	ns before comple	ting this form
			(20-21) (22-		4-25)			NULL: Kea			
Parameter			JANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CONC			NO. EX	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EA.	ANALYSIS	1112
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	40.001	40,001		*	*	*			1/30	EST
Flow	Permit Requirement		ND REPORT	MGD	*	*	*	*	*	1/MONTH	ESTIMATE
	Sample Measurement	*	*		*	762	936			1 17	GRAB
Total Dissolved Solids	Permit Requirement	*	*	*	*	MONITOR A	ND REPORT	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	LO.002	20.002			1/7	GRAB
Chromium	Permit Requirement	*	*	• *	*	0.2	0.2	MG/L	*	I/WEEK	GRAB
Childhinan	Sample Measurement	*	*		*	9.68	15.3		4-*	1/7	GEAB
Zinc	Permit Requirement	*	*	1 *	*	1.0	1.0	MG/L	+ .	1/WEEK	GRAB
	Sample Measurement	*	*		*	0.093	0.11			47	GRAB
Copper	Permit Requirement	*	*	*	*	MONITOR A	ND REPORT	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		8.74	*	8.74		0	430	GRAB
pH	Permit Requirement	÷	•	*	6.0	*	9.0	S.U.	*	1/MONTH	GRAB
	Sample Measurement	*	*		*	*	*		•	*	*
	Permit Requirement	*	*	*	•a •a • ∗ 1 11	*		. *	• 14 • 14	/#	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX.	MINED AND A	M FAMILIAR	· · ·		TELEPHON	NE .		ATE
OFFICER		INFORMATION SUBMITTEE		•							
JOSEPH W. VEN	(EON INDIVIDUAL	LS IMMEDIATELY RESPONSI			4		-0				
	1	SIGNIFICANT PENALTIES FO					- FOL 12-1	107	1 .	07 1	K Th
CHEMISTRY MA		Y OF FINE AND IMPRISON			.s.c. §1319.	Tand kalli	2. JUN 124	682-5		02	MO DAY
TYPE OR PRINT		under these statutes may		0,000 and or		TURE OF FLINCIPAL EX		NUM	959	YEAR	MO DAY
	imprisonm	ent of between 6 months at	nd 5 years)			FICER OR AUTHORIZED	AGENT CODE	NUM	DER	LI	

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Page 1 of 1

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

* SEE ATTACHED LETTER FOR EXPLANATION OF EXCURSIONS.



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

May 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 April, 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 7.65 mg/L on April, 2002; 15.3 mg/L on April 8, 2002; 8.13 mg/L on April 17, 2002, and 7.65 mg/L on April 25, 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.

Sincerely, Balera FOR JWV

Joseph W. Venzon Chemistry and Environmental Manager

DJS

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

Facility Name / Location)

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

NAME: First Energy Nuclear Operating Company ADDRESS: 76 South Main Street Akron, OH 44308				16) 25615 NUMBER		(17-19) 113 DISCHARGE NUMBER						
LOCATION: Shippingport Borough, Beaver County OZ OA OI) (30-31)	NOTE: Rea		ns before com		
Parameter (32-37)		(4653)	UANTITY OR LOAD (54-61)		(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)	T D WTO	NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMI TYP (69-7	PE
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(04-08) 1/7	Me	
	Measurement	0.006	*	4	*	پ این این این ا	* 1.54 11 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1 (1.1.1					
Flow	Requirement	0.043	•	MGD	*			*	•	1/WEEK	MEASU	JRED
	Sample Measurement	*	*		*	42.0	2.1		0	2/30	E H	ne
CBOD-5 Day	Permit Requirement		•	*	*	25	50	MG/L		2/MONTH	COMPC	OSITE
	Sample Measurement	*	*		*	7.5	7.7		$ \mathcal{O} $	Z/30	Ear	TP_
Suspended Solids	Permit Requirement	•	• •	*		30	60	MG/L	*	2/MONTH	8 HO COMPC	UR DSITE
	Sample Measurement	*	*		*	0.13	0.14		0	2/30	Ger	AB
Total Residual Chlorine	Permit Requirement	•	•	- · *	*	1.4	INST MAX 3.3	MG/L	*	2/MONTH	GRA	AB
	Sample	*	+		*	13.6	15.0		0	2/30	Gu	AB
Fecal Coliform May 1 to Oct 31 Nov 1 to Apr 30	Measurement Permit Requirement		• • • • • • • • • • • • • • • • • • •	- +	*	200 2000	1000	#/100ML	*	2/MONTH	GRA	AB
Nov I to Apr 30	Sample	*	*		7.29	*	7.34		0	2/30	GRA	18
**	Permit	*	•	4	6.0		9.0	S.U.	*	2/MONTH		
рН	Requirement Sample		+		*	*	*			*	*	
	Permit	•	• • • • • • • • • • • • • • • • • • •		*			*	*		*	
NAME/TITLE PRINCIPAL EXEC	Requirement	Y UNDER PENALTY OF LAW T	1 HAT I HAVE PERSONALLY EX	AMINED AND A	M FAMILIAR			TELEPHON	IE	<u> </u>	DATE	
OPERICER JOSETH W. UDW CHEMISTON MANY TYPE OR PRINT	ACCR ACCR (Penaltic	TE INFORMATION SUBMITTE WALS IMMEDIATELY RESPON MITTED INFORMATION IS TH RE SIGNIFICANT PENALTIES F ITY OF FINE AND IMPRISON S under these statutes ma	ED HEREIN AND BASED ON SIBLE FOR OBTAINING THE I RUE, ACCURATE AND COMPL FOR SUBMITTING FALSE INFOR- MENT SEE 18 U.S.C. §100 by includes fines up to \$14	MY INQUIRY NFORMATION. ETE. I AM A MATION. INC I AND 33 U.	Y OF THOSE I BELIEVE WARE THAT LUDING THE s.c. §1319. maximum	ATURE OF PHINCIPAL EX		182-S		OS. YEAR	os Mo	DAY
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(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	ting Company	(2-	16)		(17-							
ADDRESS: 76 South M			PA0025615 213									
Akron, OH 44308			PERMIT	PERMIT NUMBER DISCHARGE NUMBER					(n)	ISCHA	RGE	
					MONITORING P							
FACILITY: Beaver Val	ley Power Stati	on FRO	OM YEAR M	0 D	DAY TO	YEAR MO						
LOCATION: Shippingpo	rt Borough, Be	aver County	DV OK	- 0		02 04						
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-2	29) (30-31)	NOTE: Rea	id instructio	ns before co	mpleting this	s form
Parameter	T T	(3 Card Only) Q	UANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CON	CENTRATION		NO.	FREQUEN		MPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF		YPE
										ANALYSIS		0.70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(0)	9-70)
	Sample Measurement				*	*	*					
	Permit							*	*	I/WEEP	FSTI	MATE
Flow	Requirement Sample	MONITOR	AND REPORT	MGD						1/1/04		
	Measurement	*	*		*							
Suspended Solids	Permit Requirement	*		*		30	100	MG/L		2/MONT	н ол	RAB
Suspended Sonds	Sample						•••			1		
	Measurement	*	*		≉ Tratavisia	a and a state of the state of the state				Ref. (Marchaeler		
Oil and Grease	Permit Requirement	1 an an a 1 an 20	*	*		15	20	MG/L	*	2/MONT	H GI	RAB
	Sample	*	*			*						
	Measurement Permit										· · · ·	
pH	Requirement	*	•	*	6.0		9.0	S.U.	*	2/MONT	<u>H</u> GF	RAB
	Sample Measurement	*			*	*	* -]	. 🔺		*
	Permit	¥	*					*	*			*
·····	Requirement Sample	· · · ·	· · · · · · · · · · · · · · · · · · ·	*			an an ann an Anna Anna an Anna Anna an Anna an	+				
	Measurement	*	*		*	*	*.			*		*
	Permit Requirement	*	*	*	•			*	*	*		*
	Sample	*	*		*	*	*		1	*		*
	Measurement Permit	*	•		•				an aga se	<u> </u>		
	Requirement	*	an an ar ta≱sa an an	*				*	*	•		*
NAME/TITLE PRINCIPAL EXEC			HAT I HAVE PERSONALLY EXA		1			TELEPHON	NE ·		DATE	
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JOSEPH W. VENI			SIBLEFOR OBTAINING THE II		1		60					
CHEMISTRY MANA		•	OR SUBMITTING FALSE INFOR			all the	DUI TON	1-07-4	<112	OZ	05	20
		TTY OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	AND 33 U.	s.c. §1319.	MAG (YOLU)		682-:	2112			$\frac{20}{\text{DAY}}$
TYPE OR PRINT			y includes fines up to \$10	,000 and or		TURE OF PRINCIPAL E		NUM	BER	YEAR	MO	DAY
COMMENT AND EXPL		ment of between 6 months a		onto hora)		FICER OR AUTHORIZEI	DAGENT [CODE	140341		L		·J

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

NAME: First Energy Nuclear Operating Company				16)		(17-19					
ADDRESS: 76 South M		25615		313							
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
-					MONITORING P						
FACILITY: Beaver Val					DAY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0			02 04	- 36				
			(20-21) (22-	23) (2	4-25)	(26-27) (28-29)) (30-31)	NOTE: Rea	d instructio	ns before comple	eting this form
Parameter		(3 Card Only) QU	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	TYPE
								TRUM	((0, (2))	ANALYSIS	((0.70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Measurement	0.002	0.002		*	*	*			47	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	•		*		1/WEEK	ESTIMATE
······································	Sample Measurement	*	*		*	24.0	24.0		0	1/7	GRAB
Suspended Solids	Permit Requirement	*	•	*	ŧ	30	100	MG/L	*	1/WEEK	GRAB
	Sample	*				25,0	45.0		0	1/2	GRAB
	Measurement Permit	*				23/2					[
Oil and Grease	Requirement	*	1995 - 1 4 - 19	*	*	15	20	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		6.29	*	7.28		0	47	GRAB
pH	Permit Requirement	•	*	*	6.0	*	9.0	S.U.	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	1995 - 1	•	*			**************************************	*	sen fari au tra ≢ tr	•	*
	Sample Measurement	*	*		*	*	*			*	*
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OFFICER		INFORMATION SUBMITTED							_		
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		ent of between 6 months an				ICER OR AUTHORIZED		NUM	BER		
COMMENT AND EXPLA	NATION OF AN	VIOLATIONS (F	Reference all attachm	ents here)	·····	V					

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

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

•

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

ADDRESS: 76 South Main Street PA0025615 413 Akron, OH 44308 DISCHARGE NUMBER DISCHARGE NUMBER FACILITY: Beaver Valley Power Station FROM YEAR MO DAY LOCATION: Shippingport Borough, Beaver County YEAR MO DAY OL OL Parameter (3 Card Only) QUANTITY OR LOADING (4 Card Only) QUALITY OR CONCENTRATION NOTE: Read instructions before completing this form Parameter (3 Card Only) QUANTITY OR LOADING (4 Card Only) QUALITY OR CONCENTRATION EX OF AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (64-63) (69-70) Flow Sample MONITOR AND REPORT MGD * * * * 1/WEEK ESTIMATE Permit MONITOR AND REPORT MGD * * * * 1/WEEK GRAB							(1 m 10					
Partner DiScharge DiScharge Discharge Discharge Discharge FACULTY: Beaver Valley Power Station FROM YEAR MQ DAY LOCATION: Shippingort Borough, Beaver County (20-2) (22-2) <	NAME: First Energ	1D. This bhorgy Hudden operating company						<u>"</u>				
Andexisting Prover Station FACILITY: Beaver Valley Power Station FACILITY: Beaver Valley Power Station CALCATION: Station Variance of the station of the s	ADDRESS: 76 South M											
FACILITY: Beaver Valley Power Station FROM VEAR MQ DAY TO VEAR MQ DAY LOCATION: Shippingroot Borough, Beaver County (20-21) (22-23) (24-25) (24-25) (26-27) (26-29) (20-21) (20-21) (22-23) (24-25) (26-27) (26-29) (20-21) (20-21) (22-23) (24-25) (26-27)	Akron, OH	44308		PERMIT			the second s	NUMBER				
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LDCUTION: Simpling void Bolicity, Deared Coding Case 21 Case 23 Code 21<	FACILITY: Beaver Val	ley Power Station	FRO									
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Suspended Solids Requirement 0 20 1000 0 2/30 /r CARE Oil and Grease Requirement • 15 20 MG/L I/WEEK GRAB Permit • 15 20 MG/L 0 2/30 /r GRAB Permit • 15 20 MG/L 0 2/30 /r GRAB Permit • • 15 20 MG/L 0 2/30 /r GRAB Permit • • 6.0 9.0 S.U. I/WEEK GRAB Sample • • • • • • • • Mesurement •									MG/I	*		GRAB
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Requirement Telephone Date NAME/TITLE PRINCIPAL EXECUTIVE I certify under penaltry of law that i have personally examined and am familiar Telephone Date OFFICER I certify under penaltry of law that i have personally examined and based on my inquiry of those Telephone Date Doseth W. Used I certify under penaltry of construction is submitted nervein and based on my inquiry of those Telephone Date CHEMISTRY Manacet these significant penalties for submitting false information. Including the possibility of <i>Fine</i> and imprisonment of between 6 months and 5 years) Signature of perincipal executive Telephone Date		Permit				· · · · · ·	*	*	*	*	•	*
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imprisonment of between 6 months and 5 years) OFFICER OR ATHORIZED AGENT CODE NUMBER	TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$10	,000 and or	maximum SIGN/				000	YEAR	MU DAY
		imprisonme	ent of between 6 months ar	nd 5 years)	<i>e</i>	OF	FICER OR ANTHORIZED	AGENT CODE	, NUMI	DEK	L 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

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

* DISCHARGE OCCURRED IN ONLY Z WEEKS IN APRIL 2002.

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

NAME: First Energy	/ Nuclear Operatin	ng Company	(2-	16)		(17-19)					
ADDRESS: 76 South Main Street				25615		013						
Akron, OH	PERMIT	NUMBER		DISCHARGE	NUMBER							
		<u></u>			MONITORING P	ERIOD						
FACILITY: Beaver Va	lley Power Station	FROM	M YEAR M		AY TO	YEAR MO DAY						
LOCATION: Shippingpo			DL O	4 0	व	02 04	30					
	<u> </u>		(20-21) (22-		4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	Read instructions before completing this form			
Parameter	1	(3 Card Only) QU	ANTITY 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	
							VANUE AND A	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)	
	Samala	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)	1/7	1	
	Sample Measurement	0.009	0.017		*	*	*			<u> </u>	EST	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*	*	*	1/WEEK	ESTIMATE	
	Sample Measurement	*	*		4	0.09	0.12		0	2/30	CALC	
Total Residual Chlorine	Permit Requirement	*	*	*	*	0.5	1.25	MG/L	1 1/14 1 *	2/MONTH	CALCULATE	
Total residual children	Sample Measurement	*	*		*	0.024	0.034			リフ	CAL	
Copper	Permit Requirement	*	*	*		MONITOR A	1	MG/L		1/WEEK	CALCULATE	
	Sample Measurement	*	*		*							
Chlorabannana	Permit	*		1 *	*	MONITOR A	ND REPORT	MG/L	*	2/QUARTER	CALCULATE	
Chlorobenzene	Requirement Sample	*	74.0		*	*	*		0	1/7	GRAB	
T	Measurement Permit		110	• •F	*	*	¥	*	*	1/WEEK	GRAB (i-s)	
Temperature	Requirement Sample	*	*		*	40.01	20.01			2/30	CALC	
	Measurement Permit	*	*	•	*	MONITOR A		S.U.		2/MONTH	CALCULATE	
Cyanide, tot	Requirement Sample		*		7.09	*	7.36		0	77	CAL	
	Measurement Permit	•		-			· · · · · · · · · · · · · · · · · · ·		*			
рН	Requirement	*	*	*	6.0	*	9.0	S.U.	i i i i i i i i i i i i i i i i i i i	1/WEEK	CALCULATE	
NAME/TITLE PRINCIPAL EXEC		NDER PENALTY OF LAW TH						TELEPHON	ur I			
OFFICER		INFORMATION SUBMITTED										
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CHEMISTAN MA	THERE ARE	SIGNIFICANT PENALTIES FOR				ald the	n 11/17/4	(BZ-5	5113	OZ (5 20	
TYPE OR PRINT		OF FINE AND IMPRISONM under these statutes may	(ENT SEE 18 U.S.C. §100	i AND 33 U.	S.C. §1319.	TURE OF PRINCIPAL EX	ECUTIVE AREA	<u>un</u>			MO DAY	
I YPE OK PRINT		under these statutes may ent of between 6 months an		,000 and Of	OF	FICER OR AUTHORIZED		NUME	BER			
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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



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

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

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 April 2002 as submitted to the Pennsylvania Department of Environmental Protection.

DJS

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C: J.W. Venzon Licensing File

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May 28, 2002

NPDES Monthly Report, EPA Permit No. PA0025615

Sincerely, Dalera FOR JUN blonot

Joseph W. Venzon Chemistry and Environmental Manager

sheets and comm Sludge producti performance. R digesters and o	y and submit with each ents as needed for comp on information will be	leteness and clar		Berm		Year:	
sheets and comm Sludge producti performance. R digesters and o	ents as needed for componing on information will be	leteness and clar		Dorm	the second second		
performance. R digesters and o		wand to avaluate		F 6 M	ittee: FENOC		
digesters and o	enert only eludes which	used to evaluate	plant	Plan	t: Beaver Val	ley Power	Station
digesters and o	Choir nuis sinnñe muiri	has been removed	from	NPDE	S: PA0025615		######################################
from the treatm	ther solids which have	been permanently	removed	Munio	cipality:	ppingport	Borough
	ent process. Do not in	clude sludge from	other		y: Beaver		
plants which is	processed at your fact	lity.					
In the disposal	site section, report a	11 sludge leaving	your	For sludge	e that is inci	nerated:	
facility for di	sposal. If another pla	nt processes and	disposes	Pre-inci	Ineration weig	ht =	dry tons
of your sludge,	just provide the name	of that plant. I	f you	Post-ind	ineration wei	ght =	dry tons
dispose of slud	ge from other plants, i	nclude their tonn	age in the				
	ection and provide the	r names and indiv	idual dry			<u>х</u> .	
	back of this form.					JNIT 1	
If no sludge was	s removed, note on form		- -			•	
		ODUCTION INFORMAT	ION (prior	<u>to incineratio</u>	<u>) (n</u>		
HAULI	D AS LIQUID SLUDGE		/*		S DEWATERED S	LUDGE	
	(Conversion		(Ton:			· ·	0
.11ons) X (% So		Dry Tons	Dewater	ed Sludge)	X (% Solids)		Dry Ions
,000 2	.0000417	0.667		·····		.01	
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	TOTAL	0.667	<u> </u>		TOTA		
	TUTAL	0.00					
T TTT IAPOSAL STTE T	NFORMATION: List all	sites, even if noi	used this	month			
UISTOAL SITE I	Site 1	Site 2		Site	3 1	Site	4
	Borough of Monaca						
e:	Sewage Treatment Plan	t Hopewell Towns	hip				
mit No.:	PA0020125	PA0026328					
Tons Disposed:		0.60	1				
e: (check one)							
andfill							
gr. Utilization							
ther (specify)							
nty:	Beaver	Beaver		1			
R-1 3/21/91)		Sonald 15	ilera Er	<u>(</u> <u>Chemistry M</u> Title	lanager <u>S-2</u> Date	802	724) 682-511 Telephone

DISCHARGE MONITORING REPORT SUPPLEMENTAL SEWAGE SLUDGE REPORT

Month: APRIL

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DISCHARGE MONITORING REPOR	SUPPLEMENTAL	SEWAGE	SLUDGE REPORT	
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'Instructions:

- 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.
- Permittee: FENOC Plant: Beaver Valley Power Station NPDES: PA0025615 Municipality: Shippingport Borough County: Beaver

Month Year

For sludge that is incinerated: Pre-incineration weight = dry tons Post-incineration weight = dry tons

UNIT Z

	HAULED AS LIQ			<u>ON (prior to incine</u> HAU	LED AS DEWATERE	D SLUDGE	
llons)	X (% Solids)	(Conversion X Factor)	Dry Tons	(Tons of Dewatered Sludge) X (% Solid	is) X (.01) = Dry	
Sco		.0000417	1,21			.01	
					·		
				·			
					· · · · · · · · · · · · · · · · · · ·		
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			· ·				
•				· · · · · · · · · · · · · · · · · · ·			
	-	TOTAL •			L	TOTAL =	- <u></u>
DISPOSA	L SITE INFORMATIC	N: List all sit	es, even if not				
		Site 1	Site 2		Site 3	Site 4	

				0100 1
	Borough of Monaca			
Name:	Sewage Treatment Plant	Hopewell Township		
Permit No.:	PA0020125	PA0026328		
Dry Tons Disposed:				
Type: (check one) Landfill				
Agr. Utilization				
Other (specify)				
County:	Beaver	Beaver		
		Sonald Stalera F	Chemistry Manager	5-2002 (724) 682-511

(SSR-1 3/21/91)

Signature

Title Date

Telephone

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

Facility Name / Location)			0100								
NAME: First Energy	Nuclear Opera	ting Company	(2-	16)		(17-19)				
ADDRESS: 76 South Ma		and the second second damage of the second damage of the second damage of the second damage of the second damag	PA00	25615		001	·				
Akron, OH	the second s		PERMIT	NUMBER		DISCHARGE	NUMBER				
Akion, Oli	44500				MONITORING P					•	
FACILITY: Beaver Val	ley Power Stati	on FRO	M YEAR M	0 D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			00-04	F = C		02 04	30				Letter - this former
200 critico de la primor			(20-21) (22-	23) (24	4-25)	(26-27) (28-29	/	NOTE: Read			leting this form
Parameter		(3 Card Only) QI	UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EA	ANALYSIS	in the
			MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
<u></u>	Sample	AVERAGE	the second se	UNIIS	*	*	*			DAILY	CONT
	Measurement	34.8	41.6	-	*						1 1
Flow	Permit Requirement	MONITOR A	AND REPORT	MGD	· *	*	*	*	*	DAILY	
	Sample Measurement	*	*		*	6.09	0.29		0	CONT	RECO
D to 11-11- Othering	Permit	*	*	*	*	AVG CONC 0.2	MAX CONC 0.5	MG/L	*	CONT	RECORDED
Free Available Chlorine	Requirement Sample	*	*			0.16	0.38		0	17	GRAB
	Measurement Permit			1.	*		INSTANT MAX	MG/L		I/WEEK	GRAB
Total Residual Chlorine	Requirement	*	*	*	*	0.5			**	**	**
	Sample Measurement	*	*		*	**	*	-	<u></u>	WHEN	24 HOUR
Clamtrol (CT-1)	Permit Requirement	•	*	*	*	NOT DETE	CTABLE	MG/L	*	DISCHARG	
	Sample Measurement	*	*		*	*	**		**	**	24 HOUR
	Permit	*	*	*	*	*	35.0	MG/L	*	WHEN DISCHARG	COMPOSITE
Betz DT-1	Requirement Sample	*	*	•	*			•			÷
	Measurement Permit			-			0.0	MG/L	*	2/YEAR	24 HOUR COMPOSITE
Chromium	Requirement	*	*	*	*	0.2	0.2	MOL			
	Sample Measurement	*	*		*						24 HOUR
Zinc	Permit Requirement	*	+	*	*	1.0	1.0	MG/L	*	2/YEAR	DATE COMPOSITE
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTI	Y UNDER PENALTY OF LAW T	HAT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAR			TELEPHON	NE		DATE
OFFICER		HE INFORMATION SUBMITTE	ED HEREIN AND BASED ON	I MY INQUIR	Y OF THOSE	2					
JOSEPH W. VENZO		UALS IMMEDIATELY RESPON IMITTED INFORMATION IS TR					FOR-1				i i
	TUEDE	RE SIGNIFICANT PENALTIES F	OR SUBMITTING FALSE INFO	RMATION. IN	CLUDING THE	all to be	121/ 14/	82-51	12	07	05 20
CHEMISTRY MANA	COL POSSIBIL	ITY OF FINE AND IMPRISON	NMENT SEE 18 U.S.C. §100	01 AND 33 L	I.S.C. §1319.	morano			12	OZ YEAR -	MO DAY
TYPE OR PRINT	(Penalti	es under these statutes ma	ay includes fines up to \$1	0,000 and o	r maximum . SIGN	ATURE OF PRINCIPAL E			RFR	IEAN	DAT
	impriso	nment of between 6 months	and 5 years)			FIGER OR AUTHORIZED	AUENT TODE	140141		L	
COMMENT AND EXPL	ANATION OF	ANY VIOLATIONS	(Reference all attachi	ments here)	_					
						\mathbf{V}					

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

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

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

* HYDRAZINE AND AMMONIA APPLY ONLY DURING CONDITIONS OF WET LAY-UP. PLANT WAS NOT IN WET LAY-UP IN APPLIL 2002.

** NO CLAMICIDE APPLICATION USING CT-1 WAS COMPLETED IN APRIL 2002.

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

ADDRESS: 76 Sout	rgy Nuclear Operating h Main Street OH 44308	Company	PA00	-16) 025615 NUMBER		(17-19 001 (CO DISCHARGE	NT)				
	Valley Power Station		02 0	10 D 4 (MONITORING P DAY TO U 4-25)	ERIOD YEAR MO 02-04 (26-27) (28-25	30	NOTE: Rea	d instructio	ns before comple	
Parameter (32-37)		(3 Card Only) QL (4653)	JANTITY OR LOAD (54-61)		(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	Sample	AVERAGE	MAXIMUM	UNITS		AVERAGE		UNITS	(62-63)	(64-68) *	(69-70)
	Measurement Permit	*	*	- *		ECTABLE USING AS		MG/L	+	1/WEEK	GRAB
lydrazine	Requirement Sample	*	*		₩OT DEL	*	*			K	¥
Ammonia	Measurement Permit Requirement	*	*	*		MONITOR A	ND REPORT	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*			20.01	20.01	4		2/30	GRAB
henols	Permit Requirement	*	*	*		MONITORA		MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	1.9	3.0	_		2/36	GRAB
ron	Permit Requirement	· *	*	*	*	MONITOR A	ND REPORT	MG/L	* ·	2/MONTH	GRAB
	Sample Measurement	*	*			1.1	1.7	_		2/30	GRAB
luminum	Permit Requirement	*	*	*		MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		8.11	*	8.37			17	GRAB
н	Permit Requirement	*	*	*	6.0		9.0	S.U.	•	1 WEEK	GRAB
	Sample Measurement Permit	*	*		*	*	*			*	*
	Requirement	*	*	*	*	*	<u>* * * * * * * * * * * * * * * * * * * </u>	TELEPHO	* NF	* *	DATE
JAME/TITLE PRINCIPAL E. JEFICER JECONISTIC MU TYPE OR PRIN COMMENT AND EX	NGON THE SUBM THERE ARE POSSIBILIT (Penalties imprisonm	UNDER PENALTY OF LAW TH INFORMATION SUBMITTED LS IMMEDIATELY RESPONS ITTED INFORMATION IS TR SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISON under these statutes may tent of between 6 months a	D HEREIN AND BASED O IBLE F OR O BTAINING THE UE, ACCURATE AND COMI OR SUBMITTING FALSE INFO MENT SEE 18 U.S.C. §10 y includes fines up to \$ nd 5 years)	N MY INQUIR INFORMATION PLETE, I AM J DRMATION, IN 01 AND 33 U 10,000 and on	Y OF THOSE I. I BELIEVE AWARE THAT CLUDING THE J.S.C. §1319. r maximum OF	NAD Hall		692-	5113	œ	

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. * HY DEARING AND AMMONIA APPLY DURING CONDITIONS OF WET LAX-UP. PLANT WAS NOT IN WET LAN-UP IN APPLIL 2002. •

cation)

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

NAME: First Energy	y Nuclear Operati	ing Company	(2-	16)		(17-19	9)				
ADDRESS: 76 South M	lain Street	· · · · · · · · · · · · · · · · · · ·	PA00	25615		101					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
<u> </u>		······································	MONITORING PERIOD								
FACILITY: Beaver Val	ley Power Station	n FRO	M YEAR M	0 D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	rt Borough, Beav	ver County	02 04	F C	51	02 04	- 30				
······································			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before comple	ting this form
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample Measurement	0.003	0.026		*	*	*		l 	DAILY	CONT
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	•	•	*	*	DAILY	CONT
	Sample Measurement	*	*		*	64.0	24.0		0	1/7	2 HR COMP 2 HOUR COMPOSITE
Suspended Solids	Permit Requirement	*	•	*	**************************************	30	100	MG/L		1/WEEK	2 HOUR COMPOSITE
	Sample Measurement	*	*		*	45.0	25.0		0	/7	GRAB
Oil and Grease	Permit Requirement	*		*	*	15	20	MG/L		1/WEEK	GRAB
	Sample Measurement	*	*			*	*			*	*
Hydrazine	Permit Requirement	•		*	*	MONITOR A	ND REPORT	MG/L		1/WEEK	GRAB
	Sample Measurement	*	*			*	*			*	*
Ammonia	Permit Requirement	*	ананананананананананананананананананан	*	i	MONITOR A	ND REPORT	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		7.ZI	*	8.90		0	77	GRAB
рН	Permit Requirement	*	ų.	*	6.0	•	9.0	S.U.	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	*	aji	*		*	*	*	*
NAME/TITLE PRINCIPAL EXECT	1	UNDER PENALTY OF LAW TH						TELEPHON	E	D	ATE
OFFICER		INFORMATION SUBMITTED		•							
JOSEPH W. VENE	THE SUBM	LS IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU				AN 1 A A	FOR				
CHEMISTRY MANA	POSSIBILIT	SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONM	r submitting false inform ment see 18 u.s.c. §1001	MATION. INC AND 33 U.	LUDING THE S.C. §1319.	ald taler	UNV 724	682-5	113		$\frac{25}{40}$ $\frac{20}{DAY}$
TYPE OR PRINT		under these statutes may ent of between 6 months ar	•	,000 and or		TURE OF ARINCIPAL EX		NUME	BER	IEAN	

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

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

* HYDRAZINE AND AMMONIA MONITORING ONLY APPLY DURING WET LAY-UP. PLANT WAS NOT IN WET LAY-UP IN AFRIL 2002.

PERMITTEE NAME ADDRESS (Include	
Facility Name / Location)	

Facility Name / Location)

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

ADDRESS: 76 South M Akron, OH FACILITY: Beaver Vall LOCATION: Shippingpot	ADDRESS: 76 South Main Street Akron, OH 44308 FACILITY: Beaver Valley Power Station OCATION: Shippingport Borough, Beaver County Parameter (3 Card Only) QUANTITY OR 1				MONITORING P AY TO L 4-25)	YEAR MO OZ OA (26-27) (28-29	NUMBER DAY 30 0) (30-31)	NOTE: Rea	No DISCHARGE		
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		EX	OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample				*	*	*				
Flow	Measurement Permit Requirement	MONITOR A	ND REPORT	MGD	•	*		*	ini (Arija) Arije ∳ si aj	1/WEEK	ESTIMATE
Suspended Solids	Sample Measurement Permit	*	₽	*	*	30	100	MG/L	na santa santa ar artag≢ra sa	2/MONTH	GRAB
Suspended Solids	Requirement Sample Measurement	*	*		*						
Oil and Grease	Permit Requirement	*	*	*	*	15	20	MG/L	: *	2/MONTH	GRAB
	Sample Measurement	*	*		ŧ	*	*			*	*
	Permit Requirement		*	*		*		*	•	*	21 *
	Sample Measurement	¥	*		*	*	915 10 12 10 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10			•	*
	Permit Requirement			*				*	•	4月1日 - 11	*
	Sample Measurement	÷	*		*	*	*			¥.	*
	Permit Requirement	in 1997. I 1997. I 1997.		*	*	的多 小 的鞭炮		*	44. •	1 in 1 🔹 1	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement		*	*	*			*		*	*
NAME/TITLE PRINCIPAL EXECT OFFICER JOSEPH W. UENE CHEMISTON MANAG TYPE OR PRINT	UTIVE I CERTIFY WITH THE INDIVIDUA THE SUBM THERE ARI POSSIBILIT (Penalties	UNDER PENALTY OF LAW TH INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONN under these statutes may ent of between 6 months at	HEREIN AND BASED ON BLEFOR OBTAINING THE IN TE, ACCURATE AND COMPLI R SUBMITTING FALSE INFOR MENT SEE 18 U.S.C. §1001 includes fines up to \$10 includes fines up to \$10 includes fines up to \$10	MY INQUIRY IFORMATION. ITE. I AM AN MATION. INCI AND 33 U., 000 and or	OF THOSE I BELIEVE WARE THAT LUDING THE s.c. §1319. maximum OFI	NOLL AU ITURE OF ININCIPAL EX TICER OR AUTHORIZED	ESTAT 724 AREA	TELEPHON	5113	02 (MO DAY

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

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

No Discharibe in April 2002.

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

		<u> </u>	(2)			(17-1	2)				
	gy Nuclear Operati Main Street	ng Company		<u>16)</u> 25615		401	<u>*)</u>				
ADDRESS. 70 South Akron, O	the second s		PERMIT			DISCHARGE	NUMBER	NO	Discha	ALGE	
7 44 04, 0					MONITORING P						
FACILITY: Beaver V	alley Power Station	FRO	M YEAR M		DAY TO	YEAR MO	DAY				
LOCATION: Shipping			02 0			02 04					
	<u> </u>		(20-21) (22-	23) (2	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ons before comp	eting this form
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY 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				*	*	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD ·	*	*		*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*						
Suspended Solids	Permit Requirement	* 、	•	*	•	30	100	MG/L		2/MONTH_	GRAB
	Sample Measurement	*	*		*						<u> </u>
Oil and Grease	Permit Requirement	: ¥	•	*	•	15	20	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*			*	*				l
pH	Permit Requirement	*	*	*	6.0	*		<u>S.U.</u>		2/MONTH	GRAB
	Sample Measurement	*	*		*	*	+			*	*
	Permit Requirement	*	•	*		• • • • • • • • • •		*		- 读 •	51
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*		*	.*	*		*	•	•	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*		*	*	*		*		1	*
NAME/TITLE PRINCIPAL EXI OFFICER JOSEPH W. VENE	WITH THE	INDER PENALTY OF LAW TH INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI TTED INFORMATION IS TRU	HEREIN AND BASED ON BLEFOROBTAINING THE I	MY INQUIRY VFORMATION.	of those I believe			TELEPHON	NE		DATE
HEMISTIC MAT	HERE ARE POSSIBILIT	SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONN under these statutes may	r submitting false infor 1ent see 18 u.s.c. §100	MATION, INC AND 33 U	LUDING THE s.c. §1319. maximum SIGNA	ATURE OF RINCIPAL EN	ECUTIVE AREA	<u>692-5</u>		OZ (
		ent of between 6 months an		anta hana)		FICER OR AUTHORIZED	AGENT CODE	NUM	BEK	LL	

EXPLANATION OF ANY VIOLATIONS (Referen

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

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

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Page 1 of 1

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PERMITTEE NAME ADDRESS (Include	
Facility Name / Location)	

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

NAME: First Energy ADDRESS: 76 South Ma Akron, OH	diamater international states and the second states and the second states and the second states and the second	ng Company	PA00	16) 25615 NUMBER	MONITORING P	(17-19 501 DISCHARGE		1	No D	198HARGE	t.
FACILITY: Beaver Valle LOCATION: Shippingport			02 0	$\begin{array}{c c} 0 & D \\ \hline t & O \end{array}$	AY TO	YEAR MO 07 04 (26-27) (28-25	30	NOTE: Rea	d instructio	ns before comp	eting this form
Parameter (32-37)		(3 Card Only) QL (4653)	(20-21) (22- JANTITY OR LOADI (54-61)		(4 Card Only) (38-45)	QUALITY OR CONC (46-53)			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	•	. *	*	1/WEEK	ESTIMATE
	Sample Measurement	*	•		*						
Total Suspended Solids	Permit Requirement	*	*	*	*	30	100	MG/L	*	I/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
-	Permit	*	*	*	* .:	*	*	*	.	*	*
	Requirement Sample	*	*		*	*	*			+	*
-	Measurement Permit	*	*	*	*	*	+	*	*	*	*
	Requirement Sample	+	*		*	*	*			*	*
F	Measurement Permit	*		•	*			*	*	*	*
	Requirement Sample	*	*		*	*	*			*	*
-	Measurement Permit	*	•	*	*	*		*	•		•
	Requirement Sample	*	*		*	*	*			*	*
-	Measurement Permit				•			*	*		*
NAME/TITLE PRINCIPAL EXECUT OFFICER TOSEPH W. VENEON	WITH THE	INDER PENALTY OF LAW TH INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI TTED INFORMATION IS TRU	HEREIN AND BASED ON BLEFOR OBTAINING THE I	MY INQUIRY NFORMATION.	M FAMILIAR OF THOSE I BELIEVE			TELEPHON	ie	I	DATE
CHEMISTR MANA	bel THERE ARE POSSIBILITY (Penalties	SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONN under these statutes may ent of between 6 months ar	R SUBMITTING FALSE INFOR MENT SEE 18 U.S.C. §100 includes fines up to \$10	MATION, INC. 1 AND 33 U.S	LUDING THE s.c. §1319. maximum SIGNA	TURE OF HRINCIPAL EX	ECUTIVE AREA	682-5		OZ YEAR	$\frac{DS}{MO} = \frac{26}{DAY}$

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 ADDRESS: 76 South Main Street (17-19) ADDRESS: 76 South Main Street PA0025615 102 ALXER PERMIT: NUMBER NOTE: Read instructions before completing this form FACILITY: Beaver County (2-45) 102 DAV LOCATION: Shippingord Borough, Beaver County (2-42) 10 VEAR MO DAV (2-37) (2-6-53) (4-53) (4-53) (4-65) SAMPLE Flow VEAR MAXIMUM UNITS (40-53) (4-65) SAMPLE Flow Requirement ACC. QCI CA. QCI - - - 2/2.60 (22-3) (4-64) NOTE: Read instructions before completing this form Flow Requirement ACC. QCI CA. QCI - - - 2/2.60 CEAR Bisspended Solids Requirement - - - 2/4.60 2/4.50 CEAR Bisspended Solids Requirement - - - 2/4.50 CEAR		•										
ADDRESS: 76 South Main Street PA0025615 102 Atron, OH 44308 PERMIT NUMBER DISCHARGE NUMBER FACILITY: Beaver Valley Power Station PROM VEAR MO DAY C/2-17 C/2-10 OL VEAR MO DAY C/2-17 C/2-10 OL VEAR MO DAY C/2-17 C/2-10 C/2-201 C/2-201 </td <td>NAME: First Energ</td> <td>v Nuclear Operati</td> <td>ng Company</td> <td>(2-</td> <td>-16)</td> <td></td> <td>(17-19</td> <td>9)</td> <td></td> <td></td> <td></td> <td></td>	NAME: First Energ	v Nuclear Operati	ng Company	(2-	-16)		(17-19	9)				
Akron, OH 44308 FACILITY: Beaver Valley Power Station DISCHARGE NUMBER DISCHARGE NUMBER FACILITY: Beaver Valley Power Station YEAR MO DAY 202AT10N: Shippingport Borough, Berver County VEAR MO DAY 202-11 (22-21) (22-21) (22-21) (22-22) </td <td></td> <td colspan="4">DDRESS: 76 South Main Street</td> <td></td> <td>102</td> <td></td> <td></td> <td></td> <td></td> <td></td>		DDRESS: 76 South Main Street					102					
FACILITY: Beaver Valley Power Station FROM Wontron No Period Montron No Period Mont				PERMIT	NUMBER		DISCHARGE	NUMBER				
Index of the structure of the stru			······································				ERIOD					
LOCATION: Shippingnort Borough, Beaver County OI OI <tho< td=""><td>FACILITY: Beaver Val</td><td>lley Power Station</td><td>FRO</td><td>M YEAR M</td><td></td><td>AY TO</td><td></td><td></td><td></td><td></td><td></td><td></td></tho<>	FACILITY: Beaver Val	lley Power Station	FRO	M YEAR M		AY TO						
Image: Constraint of the second sec				02 (AC	স						
Planted (32.37) (9 Curl off) Control (34-61) EX of (46-53) TYPE Sample AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (64-63) (64-64) (64-65)				(20-21) (22-	23) (2-	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before comp	
(3231) (1003) <td>Parameter</td> <td>T</td> <td>(3 Card Only) QU</td> <td>ANTITY OR LOAD</td> <td>ING</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Parameter	T	(3 Card Only) QU	ANTITY OR LOAD	ING							
AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS (62-63) (64-68) (69-70) Heasurement A_O.OOI CO.OOI CO.OOI . </td <td>(32-37)</td> <td></td> <td>(4653)</td> <td>(54-61)</td> <td></td> <td>(38-45)</td> <td>(46-53)</td> <td>(54-61)</td> <td></td> <td>EX</td> <td></td> <td>TYPE</td>	(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX		TYPE
Sample Heasurement CO-OOI CO-ROI CO-ROI <thco-roi< th=""></thco-roi<>					L IN LITTO		AVEDACE	MAVIMUM	UNITS	(62-63)		(69-70)
Flow Requirement MONITOR AND REPORT MGD • • ·		Cample			UNIIS	MINIMUM	AVERAGE	MAXIMUM	00113	(02-03)		
Flow Requirement MONITOR AND REPORT MGD •		Measurement	20.001	20,001		*	*	*		·	430	EST
Suspended Solids Sample Requirement . 14.3 24.6 . 2/30 CLARS Suspended Solids Requirement . <td>Flow</td> <td></td> <td>MONITOR A</td> <td>ND REPORT</td> <td>MGD</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>2/MONTH</td> <td>ESTIMATE</td>	Flow		MONITOR A	ND REPORT	MGD	*	*	*	*	*	2/MONTH	ESTIMATE
Suspended Solids Requirement • </td <td></td> <td>Sample</td> <td></td> <td></td> <td></td> <td>*</td> <td>14.3</td> <td>24.6</td> <td></td> <td>0</td> <td>2/30</td> <td>GRAB</td>		Sample				*	14.3	24.6		0	2/30	GRAB
Stapping Avginteries		Permit		·····					MG		1.1	GRAB
Measurement · <th< td=""><td>Suspended Solids</td><td></td><td>*</td><td>* </td><td></td><td></td><td>and the second second</td><td>the second s</td><td></td><td></td><td></td><td></td></th<>	Suspended Solids		*	* 			and the second	the second s				
Oil and Grease Requirement • • 15 20 MG/L • 2/MONTH ORAB PH Requirement • • • • • • • 0 2/3co CLAB PH Requirement • • • • • • • • • Measurement • • • • • • • • • • Measurement • • • • • • • • • • Requirement • • • • • • • • • • • Requirement • • • • • • • • • • • Measurement • • • • • • • • • • • Measurement • • • • • • • • • • • • NAME/TITLE PRINCIPAL EXECUTIVE ICERTRY UNDER EPRINATION IS TRUE ACCURATE AND AMASE TMAT • • • • • • • <td></td> <td>Measurement</td> <td>*</td> <td>*</td> <td></td> <td>*</td> <td>22.0</td> <td>22.0</td> <td></td> <td></td> <td>730</td> <td>GEAD</td>		Measurement	*	*		*	22.0	22.0			730	GEAD
Sample Measurement Manual Measurement Sample Measurement Manual Measurement Manual	Oil and Grease		*	*	*	*	15		MG/L	*		GRAB
pH Permit Requirement • 6.0 9.0 S.U. 2/MONTH GRAB Sample Measurement • • • • • • • • • Permit Requirement • • • • • • • • • Permit Requirement • • • • • • • • Permit Requirement • • • • • • • • Name/Title PRINCIPAL EXECUTIVE OFFICER ICERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR With THE RAPERMITTED HEREM AND BASED ON MY INQUERY OF THOSE OFFICER •			*	*		7.45	*	7.52		0	2/30	GRAB
Sample Measurement	nH	Permit	*	* .	- *	6.0	*	9.0	S. U.	*	2/MONTH	GRAB
Permit Requirement * * * * Sample Measurement * * * * * Permit Requirement * * * * * Name/Tittle PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR Measurement * * * NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION SUBMITTEN FRANCH THE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. I NCLUDING THE POSSIBLITY OF FINE AND IMPRISONMENT SEE INFORMATION. INCLUDING THE POSSIBLITY OF FINE AND IMPRISONMENT SEE INFORMATION. SUBJECTION SUBMITTING FALSE INFORMATION. SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR ANTHONIZED AGENT 724 C662 - SI 13 OC OC CO		Sample	*	*			*	*			*	*
Sample Measurement Measurement August and the second		Permit	+	*	- *	*	*	*	*	+	*	*
Permit Requirement * * * Sample Measurement * * * * * Permit Requirement * * * * * * NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE 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 FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319 POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319 TYPE OR PRINT 724 COS2 -S1/3 AREA CODE OZ YEAR OS MO ZO DAY		Sample	*	*		*	*	*			*	*
NAME/TITLE PRINCIPAL EXECUTIVE I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR Permit Requirement TELEPHONE DATE NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR OFFICER TELEPHONE DATE CHEMISTRY I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR OFFICER TELEPHONE DATE CHEMISTRY I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR OFFICER TELEPHONE DATE CHEMISTRY I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILLAR OFFICER TELEPHONE DATE CHEMISTRY I CERTIFY UNDER PENALTS OF BUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING 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 FINE AND IMPRISONMENT SEE IS U.S.C. §1001 AND 33 U.S.C. §1319 (Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR ANTHORIZED AGENT AREA CODE NUMBER MO		Permit	*		1.	*	*	•	*		1990 - 1997 1997 - 1 99	+
Measurement Telephone Permit Requirement I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR OFFICER TELEPHONE OSSEPH W. VENSON I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR OFFICER TELEPHONE OSSEPH W. VENSON I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE F OR OBTAINING 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 FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319 TO CONCURRENTIAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 724 C652 - S1 13 AREA CODE OS YEAR OS YEAR		Sample				t					*	*
Requirement Telephone NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR OFFICER TELEPHONE DATE JOSEPH W. VENSON I CERTIFY UNDER PENALTION SUBMITTED HEREIN AND BASED ON MY INQURY OF THOSE INDIVIDUALS IMMEDIATELY RESPOnsible F OR OBTAINING 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 FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319 (Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 724 C627 - 5113 AREA CODE OZ YEAR OS YEAR			*	*	4							
NAME TILE PRINCIPAL EXECUTIVE OFFICER I CENTIFY UNDER PENALTY OF		Requirement	*	*	*		*		*			
JOSEPH W. VENEON INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE CHEMISTER MANAGER TYPE OR PRINT TYPE OR PRINT INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. INCLUDING THE INFORMA									IELEPHON	E		
CHEMISTIN MANAGER THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE, Description 724 COS COS ZO TYPE OR PRINT (Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICE OR AUTHORIZED AGENT REA CODE NUMBER OS ZO												
CHEMISTIN MANAGER THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE, Description 724 COS COS ZO TYPE OR PRINT (Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICE OR AUTHORIZED AGENT REA CODE NUMBER OS ZO	NOSAH W. VENZO	THE SUBMI						Cal				
imprisonment of between 6 months and 5 years) OFFICER OR AUTHORIZED AGENT CODE NUMBER	Cumeron M.	THERE ARE					alltalles	1961/724	627-	513	α	<u>25 20 </u>
imprisonment of between 6 months and 5 years) OFFICER OR AUTHORIZED AGENT CODE NUMBER	CHEMISTRY MANA	TOEK POSSIBILITY	Y OF FINE AND IMPRISONM	IENT SEE 18 U.S.C. §100	1 AND 33 U.	s.c. §1319			<u> </u>	<u> </u>		
	I YPE OK PRINT				0,000 and or				NUM	BER		
	COMMENT AND EXPL				nents here)	the second s						

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)

1 401109 1 4110 7 19004110											
NAME: First Ener	rgy Nuclear Operati	ng Company		16)		(17-19					
ADDRESS: 76 South	DRESS: 76 South Main Street Akron, OH 44308			25615		002					
Akron, O	H 44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver V	alley Power Station	FRO			AY TO	YEAR MO					
LOCATION: Shipping	port Borough, Beav	er County				02 04					
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instruction	ns before compl	
Parameter		(3 Card Only) QU	ANTITY 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		0,046			*	*			47	Est
	Measurement Permit	0.006	0,0.0						and the second sec		1
Flow	Requirement	MONITOR A	ND REPORT	MGD	*	*	(4) ★2.5%	*		1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	*	*			*	• *
	Permit	*			*			*	ista inter S a ta interiori		*
	Requirement Sample	+		*						<u> </u>	
	Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	• • • • • • • • • • • • • • • • • • •	*			• • • • • • •	*			*
	Sample	*	*		*	*	*			*	*
	Measurement Permit							*			
	Requirement Sample	* *	•	*	*	*	tan tanan tanan Tanan tanan tana			ing in a starting the start of	
	Measurement	*	*		*	*	*		·	*	*
	Permit Requirement	•		*	•		•	*			*
	Sample	*	*		*	*	*			*	*
	Measurement Permit		186 € 44. 1871 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 - 1872 -								· · · · · · · · · · · · · · · · · · ·
	Requirement Sample	*		*	* 6			*			
	Measurement	*	*		*	*	*			*	*
	Permit Requirement	•	n an	*	•		- 1997年1月1日日 - 1997年1月1日 - 1997 -	*		•	*
NAME/TITLE PRINCIPAL EXI		JNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR	<u></u>	·	TELEPHON	VE	E	DATE
OFFICER	WITH THE	INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE						
Jason W. Ua	INDIVIDUAL	LS IMMEDIATELY RESPONSI									
		TTED INFORMATION IS TRU SIGNIFICANT PENALTIES FO				101 1 1	For me	100-	<17		- 2-
Stenismy Man	POSSIBILITY	Y OF FINE AND IMPRISONM	ient see 18 U.S.C. §1001	AND 33 U.	s.c. §1319.	able saler		<u>682-</u>	2112		
TYPE OR PRINT	(Penalties	under these statutes may		,000 and or		ATURE OF RRINCIPAL EX		5 11 15 4		YEAR	MO DAY
COMPART AND EVE		ent of between 6 months an				FICER OR AUTHORIZED	AGENT CODE	NUM	DEK	L	

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	Nuclear Operation	ng Company		16)		(17-19	<u>"</u>				
ADDRESS: 76 South M				25615		103					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
					MONITORING P	the second s					
FACILITY: Beaver Vall	ley Power Station	FRO			DAY TO	YEAR MO	DAY				
LOCATION: Shippingpo	rt Borough, Beav	er County	02 04	F O		02 04	30				ating this form
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29		NOIE: Rea		ns before comple	
Parameter	1	(3 Card Only) QU	ANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	IIIE
				UDUTC	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMOM					2/30	EST
	Measurement	0.042	0.089		*	*	*	4			
Flow	Permit Requirement	MONITOR A		MGD	*	*	*	*	*	2/MONTH	ESTIMATE
FIDW	Sample				*	29.9	49.1		Ó	5/30	ZA-HIZ
	Measurement Permit	*	*	4	*	<u> </u>		-		·····	24 HOUR COMPOSITE
Suspended Solid	Requirement	*	*	*	*	30	100	MG/L	*	2/MONTH_	
	Sample Measurement	*	*		6.36	*	7.14		0	2/30	GLAB
	Permit					*	0.0	S.U.	*	2/MONTH	GRAB
рН	Requirement	*	*	*	6.0		9.0	3.0.			
	Sample Measurement	*	*		*	*	*	4	ļ	*	*
	Permit Requirement	*	*	. *	¥ .	*	*	*	*	*	*
· · · · · · · · · · · · · · · · · · ·	Sample				*	*	*			*	*
	Measurement Permit	*	*					-			*
	Requirement	* .	+	*	* *	•	***	<u> </u>	*	*	
	Sample Measurement	*	*		*	*	*			*	*
	Permit	*	*	1.	*	*	*	*	*	•	*
	Requirement Sample						*			*	*
	Measurement	*	*		*	*		-			
	Permit Requirement	*	* .	*	*		*	*	*	*	*
NAME/TITLE PRINCIPAL EXEC		INDER PENALTY OF LAW TH				,		TELEPHON	1E		DATE
OFFICER		INFORMATION SUBMITTED									
JOSEPH W. VENI		LS IMMEDIATELY RESPONSI TTED INFORMATION IS TRU					c.				·
CHEMISTRY MAN	THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFOR	MATION. INC	LUDING THE	allite	autwy 724	682-3	<1(3)	02 0	$S \left[n \right]$
		Y OF FINE AND IMPRISONN	IENT SEE 18 U.S.C. §100	1 AND 33 U.	s.c. §1319.			ar.	2110		MO DAY
TYPE OR PRINT		under these statutes may		0,000 and or		TURE OF PRINCIPAL EX			BER		
	Imprisonme	ent of between 6 months an	u syears)	_		Teen on Jornoraber					

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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)				
ADDRESS: 76 South M			PA00	25615		203					
Akron, OH	the second s	<u></u>	PERMIT	NUMBER		DISCHARGE 1	NUMBER				
				1	MONITORING P						
FACILITY: Beaver Va	lley Power Statio	n FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo				F 0	1	02 04	30				
LOCATION, Shippingp	one Donougin, Dea		(20-21) (22-	23) (24	4-25)	(26-27) (28-29) (30-31)	NOTE: Read	instructio	ns before compl	
Parameter	1	(3 Card Only) QU	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 ANALYSIS	TYPE
								UNITS	(62-63)	(64-68)	(69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
	Sample Measurement	0.014	*		*	*	*		0	17	Mars
	Permit		*	MOD	*	*	*	*	*	1/WEEK	MEASURED
Flow	Requirement Sample	0.023	*	MGD		2.2	2.3		0	Z/30	BHR BHOUR 8HOUR
	Measurement	*	. *		*	6.6	6.5		-		8 HOUR
CBOD-5 Day	Permit Requirement	*	• •	*	*	25	50	MG/L	*	2/MONTH	COMPOSITE
CBOD+3 Day	Sample		*		*	10.9	12.5		0	Z/30	Bitte
	Measurement	*	*	{	ļ	· · · · · · · · · · · · · · · · · · ·				1 . ·	8 HOUR
Suspended Solids	Permit Requirement	*	*	*	*	30	60	MG/L	*	2/MONTH	COMPOSITE
	Sample	*	*		*	0.16	0.25		0	2/30	GRAB
	Permit						INSTMAX	MG/L	*	2/MONTH	GRAB
Total Residual Chlorine	Requirement	*	*	*	· · · · · · · · · · · · · · · · · · ·	1.4	3.3 ZS.0	- WORD	0	z/30	
Fecal Coliform	Sample Measurement	*	*		*	17.7				430	GRAB
May 1 to Sep 30	Permit	*	*	*	*	200 2000	1000	#/100 ML	*	2/MONTH	GRAB
Oct 1 to Apr 30	Requirement Sample				7.55	. *	8.13			2/30	GRAB
	Measurement	*	*	-	1.25			1	*		
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.	*	2/MONTH	GRAB
	Sample	*	*		*	*	*			. *	*
	Measurement Permit				· · · · ·	*	*	1 .		*	*
	Requirement	*	*				L	TELEPHON	IE		DATE
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW THE INFORMATION SUBMITTE	AT THAVE PERSONALLY EX	MINED AND A MY INGUIRY	Y OF THOSE						
OFFICER		LS IMMEDIATELY RESPONS	IBLEFOR OBTAINING THE I	NFORMATION	I BELIEVE						
JOSEPH W. USNE	THE SUBM	ITTED INFORMATION IS TRU	UE, ACCURATE AND COMPL	ETE. I AM A	WARE THAT		Fer,				
THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALS			OR SUBMITTING FALSE INFOR	MATION. INC	CLUDING THE	milliterila	2 JW 724	62-5	5113	• •	05 20
CIENILSIUN INIANA	MOMISTIV MANAGEL POSSIBILITY OF FINE AND IMPRISONMENT			1 AND 33 U 1000 and or	maximum SIGN	ATURE OF PRINCIPAL EX				YEAR	MO DAY
I YPE OK PRINI	PE OR PRINT (Penalties under these statutes may inclu imprisonment of between 6 months and 5 y			,,,,,,,, and 01	OF	FICER OR AUTHORIZED		NUM	BER	LL	
COLUMENT AND EXPL				ents here							

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

Facility Name / Eccasion				• • • • • • • • • •		•					
NAME: First Energy	Nuclear Operati	ng Company	(2-	•16)		(17-					
ADDRESS: 76 South M			PA00	25615		30					
Akron, OH			PERMIT	NUMBER		DISCHARG	E NUMBER				
	44508				MONITORING P						
FACILITY: Beaver Vall	lev Power Station	FRO	M YEAR M		DAY TO	YEAR M	O DAY				
LOCATION: Shippingpo			02 0		21	07 0	4 30				
LOCATION, Shippingpo	it Dolough, Dear	or county	(20-21) (22-		4-25)	(26-27) (28-		NOTE: Rea	d instructio	ns before comple	eting this form
	1		UANTITY OR LOAD	, ,	(4 Card Only)	QUALITY OR CO	NCENTRATION		NO.	FREQUENCY	SAMPLE
Parameter		(3 Card Only) QU (4653)	(54-61)	1110	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32-37)	ļ	(4055)	(54-01)		(00.00)	(ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
······································	Sample Measurement	0.019	0.056		*	*	*			17	EST
Flow	Permit Requirement		AND REPORT	MGD	*	*	*	*	*	1/WEEK	ESTIMATE
Flow	Sample	*	*		*	10.7	19.6		0	1/17	GRAB
	Measurement Permit	*		-					*	1/WEEK	GRAB
Suspended Solids	Requirement	*	*	*	*	30	100	MG/L		1/1	
	Sample Measurement	*	*	_	*	7.8	18.0	-	0	<u> </u>	GRAB
Oil and Grease	Permit Requirement	*	*	*	*	15	20	MG/L	*	1/WEEK	GRAB
	Sample	*	*		7.28	*	8.35		0	1 1/7	GRAB
	Permit	*	*	1 *	6.0	*	9.0	S.U.	*	1/WEEK	GRAB
pH	Requirement Sample	*	*	1	*	*	*			*	*
	Permit	+	*	1.	*	•	*	1.	*	*	*
	Requirement Sample				*	*	*			*	*
	Measurement Permit	*	*	-	*						
	Requirement	*	*	*	*	*	*	*	*	*	
	Sample Measurement	*	*		*	*	*	_		*	*
	Permit Requirement	*	*	*	*	*	*	*.	*	*	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW T	HAT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAR			TELEPHO	NE		DATE
OFFICER	WITH TH	E INFORMATION SUBMITTE	D HEREIN AND BASED OF	N MY INQUIR	Y OF THOSE			•			
Treally I have	INDIVIDU.	ALS IMMEDIATELY RESPONS									
JOSEPH W. UENZ		AITTED INFORMATION IS TR E SIGNIFICANT PENALTIES F	WE, ACCURATE AND COMP	LETE. I AM	AWARE THAT	1 0 1 0 1	FOLIZZ	107	-11-7	1 47 1	os 20
PROMISTRY MANY	A	E SIGNIFICANT PENALTIES P TY OF FINE AND IMPRISON	UNENT SEE 18 U.S.C. \$10	01 and 33 t	U.S.C. 81319	ull toole	na Stur 724		2115		
CHOMISTRY MAN	(Penalties	s under these statutes ma	includes fines up to \$1	10,000 and o	r maximum SIGN	ATURE OF PRINCIPAL	LEXECUTIVE ARE.			YEAR	MO DAY
	imprison	ment of between 6 months a	and 5 years)		0	FFICER OR AUTHORIZ	ED AGENT COD	<u>e num</u>	BEK	<u></u>	
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS	(Reference all attach	ments here	;)			с — Ф.			

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Page 1 of 1

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

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

NAME: First Energy	Nuclear Operation	ng Company	(2-	16)		(17-1	9)				
ADDRESS: 76 South M			PA003	25615		403			AL D)ISCHAR	1-
Akron, OH			PERMIT	NUMBER		DISCHARGE	NUMBER		INO L	/ISCHARK	66
					MONITORING P	ERIOD					
FACILITY: Beaver Vall	lev Power Station	FRO	M YEAR M		AY TO	YEAR MO					
LOCATION: Shippingpo			02 0	- 0		02 04	- 30				
			(20-21) (22-2		4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ons before com	pleting this form
Parameter	<u>г</u>	(3 Card Only) Q	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
										ANALYSIS	((0.80)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*	•			
	Permit				•					1/WEEK	ESTIMATE
Flow	Requirement Sample	MONITOR A	AND REPORT	MGD		The state of the s				Se INWEEK	Donmente
	Measurement	*	*		*	<u> </u>			A.P. 10 10 10 1	AND SHOW THE COURT	V1 X1
Suspended Solids	Permit Requirement	and		*.		30	100	MG/L		I/WEEK	GRAB
Suspended Sonus	Sample										
	Measurement	*	*		*					20.000	
Oil and Grease	Permit Requirement			*	•	15	20	MG/L		1/WEEK	GRAB
	Sample	*	*		*					·	
	Measurement Permit	•	·						in a san an san san san san san san san s		
Hydrazine	Requirement	99 - 199 # 19		*	NOT DET	ECTABLE USING AS	STM D-1385	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		*						
	Permit		•			MONITOR A		MG/L	en 1980. No er ≱ toreta	I/WEEK	GRAB
Ammonia	Requirement Sample	*	•	*	-	MONITOR A	ND REPORT	MOL		NUSSII WEEK	
	Measurement	*	*		*						
Total Residual Chlorine	Permit Requirement	*		*	*	0.5	INSTANT MAX 1.25	MG/L	*	1/WEEK	GRAB
Total Residual Chiornic	Sample	· · · · · · · · · · · · · · · · · · ·									
	Measurement	*	*		*					WHEN	24 HOUR
Clamtrol (CT-1)	Permit Requirement	• • • • • •		*	*	NOT DETI	CTABLE	MG/L	*	DISCHARGE	COMPOSITE
NAME/TITLE PRINCIPAL EXEC		INDER PENALTY OF LAW TH	LAT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	1E		DATE
OFFICER			D HEREIN AND BASED ON								
JOSEPH W. VENZO			IBLEFOR OBTAINING THEIN								
	1115 30000		UE, ACCURATE AND COMPLI OR SUBMITTING FALSE INFOR			ANI LA	FOR 1 771	10-	~17		A
CHOMISTRY MANI	VEL POSSIBILIT		MENT SEE 18 U.S.C. §1001			ald sale	n 961 724	682-	2112	<u>OZ</u> YEAR	$\frac{OS}{MO} = \frac{ZO}{DAY}$
TYPE OR PRINT	(Penalties	under these statutes may	y includes fines up to \$10		maximum SIGN/	TURE OF FRINCIPAL EX		NIT IS (D)	CD	YEAR	MO DAY
		ent of between 6 months a			the second s	FICER OR AUTHORIZED	AGENT CODE	NUMB	EK	L	
COMMENT AND EVEL	ላ እ፤ ለ ፒፓርር እ፤ ርጉሮ ለ ነ	NIV VIOLATIONS /	Veterance all attachm	ents here)		\sim					

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

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Page 1 of 2

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

1 activity 11 and 7 200 artory					5						
	AME: First Energy Nuclear Operating Comp DDRESS: 76 South Main Street Akron, OH 44308			-16))25615		(17-19)	Å	1 1		
	and the second					DISCHARGE 1	UIMBER		Jo Dis	icharg	E
Akron, OH 4	14308	<u></u>	PERMIT	NUMBER	CONTRODUC D		VOMDER	•	- •		-
					MONITORING P		DAY				
FACILITY: Beaver Valle					AY TO	YEAR MO					
LOCATION: Shippingport	t Borough, Beav	er County	02 0			02 04		NOTE D.		a hafara compl	eting this form
			(20-21) (22-	-23) (24	-25)	(26-27) (28-29) (30-31)	NOTE: Rea			
Parameter		(3 Card Only) QU	ANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	ITPE
								I D UTO		ANALYSIS (64 - 68)	(69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(04-08)	(09-70)
	Sample	*	*		*	*					
-	Measurement Permit		·	-					*	WHEN DISCHARGE	24 HOUR COMPOSITE
Betz DT-1	Requirement	*	*	*	*	*	35.0	MG/L	<u>↓</u>	DISCHAROE	COMPOSITE
	Sample	*	*			*					
	Measurement Permit			-				0.11	*	1/WEEK	GRAB
pH	Requirement	*	*	*	6.0	*	. 9.0	<u>S.U.</u>		ITWEEN	
	Sample Measurement	*	*	1	*	*	*			*	*
	Permit			-		*	*	Mar	*	*	*
	Requirement	*	*	*	*	*	*				-
	Sample Measurement	*	*		*	* .	*			*	*
	Permit		*	ا * ا	*	*	*	*	* * *	*	*
	Requirement	*	• •	_	*						*
	Sample Measurement	*	*		*	*	*			*	*
Γ	Permit	*	*	*	*	1	*	. *	L *	*	*
	Requirement Sample									*	*
l L	Measurement	*	*		*	*	*				
	Permit Requirement	*	*	*	*	*	▲ 10 10 10 10	*	*	*	*
	Sample				*	*	*			*	*
	Measurement	*	*	-	•					1	
	Permit Requirement		*	*	*	*	*	*	*	*	*
NAME/TITLE PRINCIPAL EXECU		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	AMINED AND A	M FAMILIAR			TELEPHON	NE		DATE
OFFICER	WITH THE	INFORMATION SUBMITTED	HEREIN AND BASED OF	N MY INQUIRY	OF THOSE						
Issert W. Varizo		LS IMMEDIATELY RESPONSI	BLE F OR O BTAINING THE	INFORMATION.	I BELIEVE						
LEATH W. VENTE	LINE SOBM	ITTED INFORMATION IS TRU	JE, ACCURATE AND COMP	LETE. I AM A	WARE THAT		FOR				~
CHEMISTRY MANY	THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFO	RMATION, INC	LUDING THE	and the land	MRNN 124	682-"	513		05 20
CHEMISTRY IVIANI	POSSIBILIT	Y OF FINE AND IMPRISON	VENI SEE 18 U.S.C. 910 includes fines up to ©	01 AND 33 U. 10.000 and or	maximum AIGN	ATURE OF PRINCIPAL E	ECUTIVE AREA			YEAR	MO DAY
imprisonment of between 6 months and 5 years)						FICER OR AUTHORIZED		NUM	BER		
COMMENT AND EXPLA				ments here)							

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Page 2 of 2

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

•											
NAME: First Energ	y Nuclear Operati	ng Company	(2-	16)		(17-1	9)				
ADDRESS: 76 South N			PA00	25615		003					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver Va					AY TO	YEAR MO					
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0		2	02 04	and the second se				
		,	(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea		ns before comp	
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.075	0.164		*	*	*			2/30	Est
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD				*		2/MONTH	ESTIMATE
	Sample Measurement	*	*		*	2.2	3.6			2/30	GEAB
Iron	Permit Requirement	*		*	• ₽2500	MONITOR A	ND REPORT	MG/L	•	2/MONTH	GRAB
	Sample Measurement	*	ŧ		*	0.38	0.38			Z/30	CRAB
Aluminum	Permit Requirement			*	•	MONITOR A	ND REPORT	MG/L	na sina sina na sina sina sina sina sina sina sina si	2/MONTH	GRAB
	Sample Measurement	*	*		*	40.01	60.01		4. 	2/30	GLAB
Phenols	Permit Requirement	*		*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	9.5	12.0	·		Z/30	GRAB
Nitrate-Nitrite	Permit Requirement	•		*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	1.6	3.0			2/30	GLAB
Phosphorus	Permit Requirement	*		*		MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*		*				*	*		
NAME/TITLE PRINCIPAL EXEC		INDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR	<u></u>	ſ	TELEPHON	E	L	DATE
OFFICER			HEREIN AND BASED ON	•							
JOSEPH W. UDAN	DN THE SUBME		BLE FOR O BTAINING THE IN JE, ACCURATE AND COMPLE				- 1				
CHEMISNEY MANYA	THERE ARE	SIGNIFICANT PENALTIES FOR	R SUBMITTING FALSE INFORMATING FALS	AATION. INC.	LUDING THE	ald bla	a. 27 724	68z-3	5113	02 0	25 20
TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$10,		maximum SIGNA	TURE OF PRINCIPAL EX	CECUTIVE AREA				MO DAY
COMMENT AND EXPL		ent of between 6 months an		anta hara)	Off	TICER OR AUTHORIZED	AGENT CODE	NUME	EK		
CONTRINE AND EXPL.		NT VIOLATIONNA	selerence all anachm	ents neret							

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

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Page 1 of 1

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

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PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

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

						• •					
NAME: First Energy	Nuclear Operation	ng Company		-16)		(17-19)				
ADDRESS: 76 South M	lain Street		PA00	025615		004					
Akron, OH	44308	·····	PERMIT	NUMBER		DISCHARGE	NUMBER				
······································		· · · · · · · · · · · · · · · · · · ·			MONITORING P						
FACILITY: Beaver Va	lley Power Station	n FRO	M YEAR M		AY TO	YEAR MO					
LOCATION: Shippingpo			02 0	$\mathbf{X} \subset \mathbf{C}$	X	OZ OA	- 30				
······································			(20-21) (22	-23) (2-	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ns before compl	
Parameter	1	(3 Card Only) QU	JANTITY 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
								IDUTO	(0,0)	ANALYSIS (64-68)	(69-70)
	Concerning and the second seco	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)		the second s
	Sample Measurement	Z.8	7.7	_	*	*	*			1/30*	Mens
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	★ 3	*	*	*	*	1/WEEK	MEASURED
	Sample Measurement	*	*		*	0.08	0.08		0	/30*	GRAB
Free Austichie Chiering	Permit	*	*	1 *	*	AVG CONC 0.2	MAX CONC 0.5	MG/L	*	I/WEEK	GRAB
Free Available Chlorine	Requirement Sample						0.16		0	1/30*	GRAB
	Measurement Permit	*	*	4	*	0,16	0.10				1.
Total Residual Chlorine	Requirement	* ·	*	*	*	0.5	1.25	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	2.9	*			1/30*	GEAB
Iron	Permit Requirement	*	*	*	· *	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	1.4	1.4			Y30 *	GRAB
Aluminum	Permit Requirement	*	*	-	*	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	10.01	20.01			2/30	Geab
Phonols	Permit	*	*	-	*	MONITOR A		MG/L	* *	2/MONTH	GRAB
Phenols	Requirement Sample	*	*		*	MONTOKA			1.1		
	Measurement Permit	• •		-							
Chromium	Requirement	*	*	*	*	0.2	0.2	mg/l	*	2/YEAR	GRAB
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH						TELEPHON			
OFFICER	WITH THE	INFORMATION SUBMITTEE									
JOSOPH W. VONZ	ON THE SUBM	ITTED INFORMATION IS TRU					FOR				
CHEMISTRY MAN	ACNO THERE ARE	SIGNIFICANT PENALTIES FO	OR SUBMITTING FALSE INFO	RMÁTION. INC	LUDING THE	allta.	774	682 -3		02/	25 20
	1000101011	Y OF FINE AND IMPRISON				Wand		ac			MO DAY
TYPE OR PRINT		under these statutes may		10,000 and or		ATURE OF PRINCIPAL EX FICER OR AUTHORIZED		NUM	BER	IEAK	MU DAI
		tent of between 6 months a				FICER OK AUI HORIZED	AUDINI TOODS	110111		L	

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

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* DISCHARGE OCCUERED IN ONLY I WEEK IN APRIL 2002.

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

Facility Name / Location)			<i>p</i> 10	01111102							
NAME: First Energy	Nuclear Operatin	ng Company	(2-	-16)		(17-19					
ADDRESS: 76 South Ma			PAOC	25615		004 (CO)					
Akron, OH	the second s		PERMIT	NUMBER		DISCHARGE	NUMBER				
Akioli, Ori	44508	······································		1	MONITORING P		· · · ·				
FACILITY: Beaver Val	ley Power Station	n FROM	M YEAR M	0 D	AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0	4 0	DT I	02 04					
LUCATION, Shippingpo	At Dorough, Dout	idi obullity			4-25)	(26-27) (28-29)		NOTE: Rea		ns before comple	
Parameter		(3 Card Only) QU	ANTITY OR LOAD	ING	(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	11PE
								LINITE	(62-63)	(64-68)	(69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-05)	(04-08)	(0)-10)
	Sample Measurement	*	*		*			-			
Zinc	Permit Requirement	*	*	*	*	1.0	1.0	MG/L	*	2/YEAR	GRAB
Zinc	Sample	*	*		7.94	*	7.94			/30*	GRAB
	Measurement Permit		*	1.		*	9.0	S.U.	*	1/WEEK	GRAB
рН	Requirement	*	*		6.0					*	*
	Sample Measurement	*	*	4	*	*	*	4			
	Permit Requirement	*	*	*	*	*	*	*	*	*	*
	Sample Measurement	. *	*		*	*	*	1		*	*
	Permit Requirement	*	*	*	*	*	. *	*	*	*	*
	Sample	*	*		*	*	*			*	*
	Permit	*	*	1.	*	*	*] *		.*	*
	Requirement Sample	*	*	-	*	*	*			*	*
	Measurement Permit			-		*	*	- *	*	*	*
	Requirement Sample	* .	*			*	*		·	*	*
	Measurement Permit	*	*	-	*				*	*	*
	Requirement	*	*	*	*	*	<u> </u>	TELEPHON			DATE
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY E	(AMINED AND A	AM FAMILIAR			122211101			
OFFICER		E INFORMATION SUBMITTEN	J HEKEIN AND BASED O	N MY INCOLK	I BELIEVE		Cat. X				
JOSEPH W. USNZ		ITTED INFORMATION IS TR	UE, ACCURATE AND COME	LETE. I AM /	AWARE THAT	ALX 1 1	TAI				
A. MA.	THERE ARI	E SIGNIFICANT PENALTIES FO	OR SUBMITTING FALSE INFO	RMATION. INC	CLUDING THE	Intel land	ena 724	62-3	5113	02 02	
CHEMISTRY INIAN	POSSIBILIT	TY OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §10	01 AND 33 U).s.c§1319. 🕑 💆	und sur		ui.		YEAR -	MO DAY
TYPE OR PRINT	TYPE OR PRINT (Penalties under these statutes may includes fines up to \$10,000 and or maximum) SIGNATURE OF PRINCIPAL EXECUTIVE AREA							BER			
	OFFICER OR AUTHORIZED AGENT CODE NUMBER										

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* DISCHARGE OCCURRED IN ONLY I WEEK IN APRIL 2002.

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

· · · · · · · · · · · · · · · · · · ·												
NAME: First Energy	Nuclear Operati	ng Company	(2-	16)		(17-1	9)					
ADDRESS: 76 South M				25615		006		1	N. N	SCHARG	-	
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER	Į	NON	SCHARO		
				the second s	MONITORING P	and the second secon						
FACILITY: Beaver Vall					TO TO	YEAR MO						
LOCATION: Shippingpo	rt Borough, Beav	er County	DZ O			OZ OF		NOTE D.			lating this	form
			(20-21) (22-		4-25)	(26-27) (28-29	.,	NUTE: Rea		ns before comp	_	
Parameter	[JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC			NO. EX	FREQUENCY OF	SAM TYI	
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EA.	ANALYSIS		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-	,70)
	Sample				*	*	*				1	
	Permit				*	*	•	*		1/WEEK	ESTIM	ATE
Flow	Requirement	MONITOR A	ND REPORT	MGD	а. ¥ ус						Lorie	
	Sample Measurement	*	*		*	*	*			*	*	
	Permit Requirement		*	*	*	•	*	*	*	•	*	د
	Sample	*	*		*	*	*		·	*	*	¥
	Permit					*	_ 1 () = -	*		•	*	*
	Requirement	*		*	• • • • • • •	*	*	+	<u> </u>			
	Sample Measurement	*	*		*	*	*			*	*	·
	Permit Requirement	*	*	*	*	*	an (1997) ₩1997 - 1997 1997 - 1997	*	•	•	*	<u>+</u>
	Sample Measurement	*	*		*	*	*			*	*	¥
	Permit	•	•	*	*	+	* 2.52	*		•	*	
	Requirement Sample				*	*	*	······			*	*
	Measurement Permit	*	*			• 1)					*	
	Requirement	+		*	• • • • •	*	an tarta di	*				,
	Sample Measurement	*	*		* .	*	*			*	*	*
	Permit Requirement	*		*	+	• •		*			*	k
NAME/TITLE PRINCIPAL EXECT		UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR	A		TELEPHON	ΝE		DATE	
OFFICER		WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE										
Joseph W. Vave		LS IMMEDIATELY RESPONSI										
		SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFOR	MATION. INC	LUDING THE	all toll.	tay had	107-5	112	A2 1	\sim	70
CHEMISTRY MANA	DFL POSSIBILIT	Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §100	1 AND 33 U.	s.c. §1319.	wayyour	XECUTIVE AREA	682-5	2112	YEAR -	MO	ZO DAY
TYPE OR PRINT		under these statutes may		,000 and or		ATURE OF BRINCIPAL E.		NUM	BER	1 LOW		
COMMENT AND FYPL		imprisonment of between 6 months and 5 years) OFFICER OR AUTHORIZED AGENT CODE										

ANATION OF ANY VIOLATIONS (Refer

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 Energ	y Nuclear Operati	ng Company		2-16)		(17-1	and the second se				
ADDRESS: 76 South M	fain Street			025615	·	007		. /	5		
Akron, OH	44308		PERMIT	NUMBE		DISCHARGE	NUMBER	No	UIS	CHALGE	;
					MONITORING P					-	
FACILITY: Beaver Va	lley Power Statio	n FRO			DAY TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Bear	ver County	02 0	$F \cap C$	N	02 04					
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Read	d instructio	ns before compl	eting this form
Parameter	1	(3 Card Only) QU	JANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONC	CENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
									((2) (2))	ANALYSIS	((0.70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	**	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*		* 21.	*		I/WEEK	ESTIMATE
	Sample Measurement	*	*		*						
Free Available Chlorine	Permit Requirement	*	•	• *	*	0.2 AVG CONC	0,5 MAX CONC	MG/L	•	1/WEEK	GRAB
The Available Childrine	Sample	*	*	1	ŧł.					[
	Measurement Permit			-					*		
Total Residual Chlorine	Requirement	*	*	*	*	0.5	1.25	MG/L	* .	1/WEEK	GRAB
	Sample Measurement	4	*			*					
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.	*	1/WEEK	GRAB
······································	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement			*	****	•	∳ 29	+	•	*	
······	Sample Measurement	*	*		*		*		}	*	*
	Permit	•		•	*			*	¥	€ • • • • • •	*
· · · · · · · · · · · · · · · · · · ·	Requirement Sample								i	*	
	Measurement	*	*		*	*					
	Permit Requirement	• •		*	٠	•	***	*			*
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY I	UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	E	Ľ	DATE
OFFICER	WITH THE	INFORMATION SUBMITTED		-							
Joseph W. Veni		LS IMMEDIATELY RESPONSE TTED INFORMATION IS TRU			1_	-					
		SIGNIFICANT PENALTIES FO	•			11171	of 1 and	C D B	1.12	07	~ 70
CHEMISTRY MAN	JACEL POSSIBILITY	Y OF FINE AND IMPRISONN	MENT SEE 18 U.S.C. §100	1 AND 33 U.	s.c. §1319.	adjuren	5WN 724	682-	717		$\frac{OS}{MO}$ $\frac{2O}{DAY}$
TYPE OR PRINT	(Penalties	under these statutes may		0,000 and or		TURE OF PRINCIPAL EX		NUM		YEAR	MO DAY
COMPENSATION FROM		ent of between 6 months ar				FICER OR AUTHORIZED	AGENT CODE	NUMB	CK	,	<u></u>

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

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

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

NAME: First Energy ADDRESS: 76 South M Akron, OH		ng Company	PA00	-16) 25615 NUMBER]	(17-1) 008 DISCHARGE					
					MONITORING P						
FACILITY: Beaver Val	lev Power Station	FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo			02 0	AC		OZ OA					
FOF	<u> </u>		(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before comple	ting this form
Parameter	1	(3 Card Only) OI	JANTITY OR LOAD	NG	(4 Card Only)	OUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
									((0) (0)	ANALYSIS	((0.70)
	Somela	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	20.001	20.001		*	*	*			1/7	Est
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*		•	*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	6.2	8,3		0	2/30	GRAB
Suspended Solids	Permit Requirement	*		*		30	100	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	25.0	25.0		0	2/30	GEAB
Oil and Grease	Permit Requirement	*	*	1 .		15	20	MG/L	• • •	2/MONTH	GRAB
	Sample Measurement	*	*		*	0.2	0.3			2/30	GEAB
Ammonia	Permit Requirement	*	* .	*		MONITOR A		MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	0.41	0,68			2/30	GRAB
Iron, tot	Permit Requirement	*	•	+	•	MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	0.18	0.36			2/30	GRAB
Aluminum	Permit Requirement	* * *	*	*		MONITOR A	ND REPORT	MG/L	*	2/MONTH	GRAB
	Sample Measurement	*	*	·	*	0.2	0.2			2/20	GEAB
Manganese	Permit Requirement	*	*	*	•	MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
NAME/TITLE PRINCIPAL EXEC		NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR		1	TELEPHON	E		ATE
OFFICER	WITH THE	INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE				•		
JOSEPH W. VENZ	INDIVIDUAL		BLE FOR O BTAINING THE I M								
CHEMISTRY MANA		SIGNIFICANT PENALTIES FO	e, accurate and compli r submitting false infor ient see 18 u.s.c. §1001	MATION. INC.	UDING THE	rold toler	a Jul 1724	- 682-	5/13		25 20
TYPE OR PRINT	(Penalties		includes fines up to \$10		maximum SIGNA	TURE OF FRINCIPAL EX	CECUTIVE AREA	NUME			MO DAY
COLO (ENIT AND EVEL									المحمد متريشه		han a start and the start and

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

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

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Page 1 of 1

PERMITTEE NAME ADDRESS (Incl	ude
Facility Name / Location)	

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

• <i>aomy</i> • <i>and</i> • <i>Documenty</i>						····· ,					
	y Nuclear Operati	ing Company	(2-)			(17-1					
ADDRESS: 76 South M	fain Street		PA002			008 (CC					
Akron, OH	44308		PERMIT 1	NUMBER		DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver Val	ley Power Station	n FRO			AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0	ΕĆ	X	02 04					
			(20-21) (22-2	.3) (2-	4-25)	(26-27) (28-29	(30-31)	NOTE: Rea	d instructio	ns before comp	eting this form
Parameter]	(3 Card Only) QU	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
						<u></u>				ANALYSIS	((0, 70)
	0 1	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	*	*		*	20.01	20,01			2/30	GRAB
Phenols	Permit Requirement	•	•	*	•	MONITOR A	ND REPORT	MG/L		2/MONTH_	GRAB
	Sample Measurement	*	*		*	0.17	0.21			2/30	GEAB
77	Permit		• • • • • • • • • • • • • • • • • • •	*		MONITOR A	ID PEPOPT	MG/L		2/MONTH	GRAB
Zinc	Requirement Sample						17	MGL		2/30	GRAB
	Measurement	*	*		*					750	CKAD
Color	Permit Requirement	•		*	* * *	MONITOR A		UNITS	*	2/MONTH	GRAB
	Sample Measurement	*	*		7.55	*	7.45			Z/30	GEAB
pH	Permit Requirement	• •	• as a second s	*	6.0		9,0	S .U.	*	2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement		•	*	*			*	*	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	i čat	•	*	*			*	*	1999) 2019 - 101	*
	Sample	*	•		*	*	*			*	*
	Measurement Permit		•		*			*	*	•	*
NAME/TITLE PRINCIPAL EXEC	Requirement	UNDER PENALTY OF LAW TH	I	ANED AND A	MEAMILIAR			TELEPHON	IE		DATE
OFFICER		INFORMATION SUBMITTED									
JOSCAL III Ilona		LS IMMEDIATELY RESPONSI		-							
	THE SUBMI	ITTED INFORMATION IS TRU					FOR				
JOSEPH W. Vene CHEMISTRY MANY	THERE ARE	SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONN				n all to be	WWW 774	- 682-	SIB	02 (5 20
TYPE OR PRINT	(Penalties	under these statutes may				TURE OF TRINCIPAL EX	CECUTIVE AREA				MO DAY
		ent of between 6 months ar				TICER OF AUTHORIZED		NUM	BER		
COMMENT AND EXPLA				ents here)		<u> </u>					

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used. (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 ADDRESS: 76 South M Akron, OH FACILITY: Beaver Val LOCATION: Shippingpo	44308 ley Power Station	FRO	(2- PA00 PERMIT	25615 NUMBER	MONITORING P	(17-19 110 DISCHARGE ERIOD YEAR MO	NUMBER .	١	Jo D	Schnee	Æ
			(20-21) (22-3	23) (2-	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instruction	ns before compl	eting this form
Parameter (32-37)		(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				*	*	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD			•	*		1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	*	*			*	*
	Permit	*	•	*	*	•	•	*			•
	Requirement Sample	*	•		*	*	*			*	*
	Measurement Permit							*			
·····	Requirement Sample	<u> </u>		*		al (a gir # 3 a series	nie in the second	*		in (121). ■	
	Measurement Permit	*	🔹		*	*	*			* 	*
	Requirement	•		*		er in * stelst	*	*	. (¥ 1944).		å∰ar start * soore
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement			*				*			
	Sample Measurement	*	*		*	*	*			*	+
	Permit Requirement	•		*		*		*			
	Sample Measurement	*	*		*	*	*			*	*
	Permit			.				*			
NAME/TITLE PRINCIPAL EXECU	Requirement	NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A				TELEPHON			ATE
OFFICER JOSEPH W. UN CHEMISTRY MAND TYPE OR PRINT COMMENT AND EXPLA	COLUMENTAL INDIVIDUAL THE SUBMIT THERE ARE SUBMIT THERE ARE SUBJECTIVE (Penalties U imprisonme	INFORMATION SUBMITTEL S IMMEDIATELY RESPONSI ITED INFORMATION IS TRU SIGNIFICANT PENALTIES FC ' OF FINE AND IMPRISON! INDER these statutes may ent of between 6 months an	D HEREIN AND BASED ON BLE FOR OBTAINING THE IN JE, ACCURATE AND COMPLE IN SUBMITTING FALSE INFORM MENT SEE 18 U.S.C. §1001 vincludes fines up to \$10 and 5 years)	MY INQUIRY FORMATION. ITE. I AM AV MATION, INCI AND 33 U. 000 and or	OF THOSE I BELIEVE WARE THAT LUDING THE S.C. §1319 Maximum SIGNA	TURY OF PRINCIPAL EX ICEL OF AUTHORIZED		682-	5113	VEAR 4	MO DAY

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 Energ	y Nuclear Operation	ng Company	(2-	16)	<u>.</u>	(17-19					
ADDRESS: 76 South M			PA00			010					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P						
	alley Power Station				DAY TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Beav	ver County			01	02 04			•• • •		4 41. / 6
			(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea		ns before comple	-
Parameter (32-37)		(3 Card Only) QU (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (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	2.27	3,17		*	*	*			1/7	MEAS
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD		anto de la composición de la composición Composición de la composición de la comp	*	*	+	1/WEEK	MEASURED
	Sample Measurement	*	*		*	0.0	0.0		0	1/2	GRAB
Free Available Chlorine	Permit Requirement	* *	•	*		AVG CONC 0.2	MAX CONC 0.5	MG/L	*	1/WEEK	GRABWHILE CHLORO
	Sample Measurement	*	*		*	0.0	0.0		0	1/7	GRAB
Total Residual Chlorine	Permit Requirement	*	•	*		0.5	1.25	MG/L	*	1/WEEK	GRABWHILE CHLORO
	Sample Measurement	*	*		*	*	*		*	WHEN	*
Clamtrol CT-1	Permit Requirement	*	•	*	*	NOT DETI		MG/L	.+	DISCHARG	24 HOUR COMPOSITE
	Sample Measurement	*	*		*	*	*		*	*	*
Betz DT-1	Permit Requirement	aja	•	*	*		35.0	MG/L		WHEN DISCHARG	24 HOUR COMPOSITE
	Sample Measurement	*	*		7.40	*	7.90		0	42	GRAB
рН	Permit Requirement	*	•	*	6.0	1443 € 1790 - 18900 - 18900 - 18900 - 18900 - 1890 - 1890 - 1890 - 1890 - 1890	9.0	S.U.	+	1/WEEK	GRAB
	Sample Measurement	¥	*		*	*	*			*	*
	Permit Requirement	4.1 •	•	*	*		•	*	*		*
NAME/TITLE PRINCIPAL EXEC OFFICER JOSEPH W. VON CHEMISTRY MANN	WITH THE	INFORMATION SUBMITTED S IMMEDIATELY RESPONSI TTED INFORMATION IS TRU SIGNIFICANT PENALTIES FO	AT I HAVE PERSONALLY EXA HEREIN AND BASED ON IBLE F OR O BTAINING THE IN JE, ACCURATE AND COMPLIAN R SUBMITTING FALSE INFOR	MY INQUIRY FORMATION, ETE. I AM A MATION, INC	OF THOSE I BELIEVE WARE THAT LUDING THE	ald black	Epr. / -724	TELEPHON			ate 5 ZO
TYPE OR PRINT	(Penalties		MENT SEE 18 U.S.C. §1001 includes fines up to \$10 nd 5 years)		maximum SIGNA	TURE OF RINCIPAL EX		NUM			MO DAY

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

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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.

* NO CLAMICIDE APPLICATION USING CT-1 WAS DONE IN APRIL 2002.

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

	Nuclear Operatir	ig Company		-16)		(17-19	<u>)</u>				
ADDRESS: 76 South Mai	n Street			25615		011	•				
Akron, OH 4	4308		PERMIT	NUMBER		DISCHARGE	NUMBER				
·····					MONITORING P	ERIOD					
FACILITY: Beaver Valley	y Power Station	FRO	M YEAR M	Q D	AY TO	YEAR MO	DAY				
LOCATION: Shippingport		er County	02 0	4 (02 OF	30				
		<u></u>	(20-21) (22-		4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter		(3 Card Only) QU	ANTITY OR LOAD	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
										ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.004	0.004		*	*	*			1/1	Est
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	•	*	*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	*	sk			*	*
	Permit Requirement	*	*	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	*	*			*	*
ļ ļ	Permit Requirement	*	* .	*	*	*	*	*	*	*	*
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	*	*	*	*	*	*	*	*
	Sample	*	*		*	*	*			*	*
<u></u>	Permit	*	*		*	*	*	- · *	•	*	*
·····	Requirement Sample	*	*		*	*	*			*	*
	Measurement Permit						*	*	*	*	
	Requirement Sample	*	*	*	*	*		<u> </u>			
N	Measurement	*	*		*	*	*	1		*	*
	Permit Requirement	*	*	*		•	*	*	*	*	*
NAME/TITLE PRINCIPAL EXECUTI	IVE I CERTIFY U	NDER PENALTY OF LAW THA	T I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	E		ATE
OFFICER	WITH THE	NFORMATION SUBMITTED		-							
Joseph W. Venizon		S IMMEDIATELY RESPONSIE									
		TED INFORMATION IS TRUE IGNIFICANT PENALTIES FOR				11/11	FORK				
PAOMISTRY MANAG	POSSIBILITY	OF FINE AND IMPRISONM				ndtone	120W/124	682-5	12	$\frac{\partial 2}{\text{YEAR}}$	5 20
TYPE OR PRINT	(Penalties u	nder these statutes may	includes fines up to \$10		maximum SIGNA	TURE OF FRINCIPAL EX	ECUTIVE AREA			YEAR	MO DAY
COMPANY AND EXDLAN		nt of between 6 months an				ICER OR AUTHORIZED	AGENT CODE	NUME	SEK	l	

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

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(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		16)		(17-1	9)				
ADDRESS: 76 South M	lain Street		PA00			111					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING P	and the second secon					
FACILITY: Beaver Val	ley Power Station	FRO			DAY TO	YEAR MC					
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0	FO		02 04					· · · · · · · · · · · · · · · · · · ·
			(20-21) (22-	23) (2	4-25)	(26-27) (28-2		NOTE: Rea		ns before comp	
Parameter	1	(3 Card Only) QL	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CON	CENTRATION		NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	ITPE
				UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNIIS	MINIMUM		1	01110	(02 00)	1/7	
	Measurement	0.002	0,002		*	*	*			1	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*		*	*	.*	1/WEEK	ESTIMATE
	Sample	*	*		*	4.0	24.0		0	47	GRAB
	Measurement Permit		*	*	*		100	MG/L	*	1/WEEK	GRAB
Suspended Solids	Requirement Sample	*	*	<u> </u>		30	and the second se	MOL	0	1/1/1	
	Measurement	*	*		*	23.0	25.0		$\vdash \bigcirc$		GRAG
Oil and Grease	Permit Requirement	*	* .	*	*	15	20	MG/L	. #	1/WEEK	GRAB
	Sample Measurement	*	*		6.82	*	7.16		0	1/7	GRAB
pH	Permit Requirement	. *	*	*	6.0	*	9.0	S .U.		1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	1 *	*	•		*	*	*	*
	Sample	*	*		*	*	*			*	*
	Measurement Permit								*	*	*
	Requirement	*	*	*	*	*		*			
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	#	*	*	*	• •		*	*	*	*
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH						TELEPHON	IE		DATE
JOSEPH W. VEVZ	WITH THE	INFORMATION SUBMITTED									
JOSEPH W. VENZI		LS IMMEDIATELY RESPONSI					a.1				
A. M.		SIGNIFICANT PENALTIES FO				1111	GUL	107-	5112	02 (05 20
CHEMISTRY MAN	HUEL POSSIBILIT	Y OF FINE AND IMPRISONN	MENT SEE 18 U.S.C. §100	1 AND 33 U.	.s.c. §1319.		100m 724	68Z-	210		$\frac{1}{MO}$ $\frac{1}{DAY}$
TYPE OR PRINT		under these statutes may		0,000 and or		ATURE OF PRINCIPAL E		NUMB	FR	YEAR	DAT
		ent of between 6 months ar		anta hara)	and the second	FICER OR UTHORIZED	AGENT CODE	NOMD		L1	
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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

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

NAME: First Energ	y Nuclear Operation	ng Company	(2-	16)		(17-19)				
ADDRESS: 76 South M				25615		211					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
					MONITORING P						
FACILITY: Beaver Val	lley Power Station	FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beav	er County	02 04	- 0	T	02 04	30				
······································			(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before comple	eting this form
Parameter		(3 Card Only) QU	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
			····							ANALYSIS	
	Semala	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.002	0.002		*	*	*			1/7	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*	*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*	5.6	11.8		0	1/1	GEAB
Suspended Solids	Permit	*	*	*	*		100	MG/L	*	1/WEEK	1
Suspended Solids	Requirement Sample					30		MO/L		and the subscription of th	GRAB
	Measurement Permit	*	*		*	25.0	(5.0		0	<u> 1</u>	GRAB
Oil and Grease	Requirement	*	*	*	.*	.15	20	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		7.10	*	7.45		0	1/7	GRAB
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	*	*	•	*	2.6° *	*		*	*	*
	Sample Measurement	*	*		*	*	*			**	*
	Permit	*			••••	•	•	*	* *		*
	Requirement Sample	*	*				tan an a	*	*	1 (14) (1 -	*
	Measurement	*	*		*	*	*		· · · · · ·	*	* *
	Permit Requirement	*	*	*	•	*	*	*	•	*	*
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY U	NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	IE	D	ATE
OFFICER			HEREIN AND BASED ON								
JOSEPH W. VEN	CONTRACTOR		BLEFOR OBTAINING THE I			,					
		SIGNIFICANT PENALTIES FO	JE, ACCURATE AND COMPL OR SUBMITTING FALSE INFOR	LIE. IAM A	LIDING THE		ECK	1			~ _
CHEMISTRY MAN	AGER POSSIBILITY		MENT SEE 18 U.S.C. §100			all tallers	Jun 724	(ez-:	5113	02 (5 20
TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$10		maximum SIGNA	TURE OF PRINCIPAL EX				YEAR N	MO DAY
		ent of between 6 months at			Off	ICER OR AUTHORIZED	AGENT CODE	NUM	BER	L	l

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

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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.

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

						• •					
NAME: First Energ	y Nuclear Operati	ng Company	(2	-16)		(17-19	9)				
ADDRESS: 76 South M	fain Street		PAO	025615		012					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
]	MONITORING P	ERIOD					
FACILITY: Beaver Va	Illey Power Station	n FROI	M YEAR M	10 D	AY TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Beav	ver County	OZ (34 0		0Z 04					
			(20-21) (22	-23) (2-	4-25)	(26-27) (28-29) (30-31)	NOTE: Rea	d instructio	ns before comple	eting this form
Parameter		(3 Card Only) QU	ANTITY 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
								IDITC	((2, (2))	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)		
	Measurement	20.00(40,001		*	*	*			1/30	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	***	*	*	*	1/MONTH	ESTIMATE
	Sample Measurement	*	*		*	762	936			77	GRAB
Total Dissolved Solids	Permit Requirement	*	*	*	*	MONITOR A		MG/L	*	1/WEEK	GRAB
Total Dissolved Solids	Sample		······································			20.002	20.002			17	GRAB
	Measurement Permit	*	*	-	*	20.00	20.00-			····/ ·	5010
Chromium	Requirement	*	*	*	*	0.2	0.2	MG/L	*	1/WEEK	GRAB
	Sample Measurement	*	*		*	9.68	15.3		4-*	1/7	GEAB
Zinc	Permit Requirement	*	*	- *	*	1.0	1.0	MG/L	* .	1/WEEK	GRAB
	Sample Measurement	*	*		*	0.093	0.11		1	42	GRAB
Copper	Permit Requirement	*	*	- ·	sit	MONITOR A	· · · · · · · · · · · · · · · · · · ·	MG/L	*	1/WEEK	GRAB
00000	Sample	*	*		8.74	*	8.74-		0	¥30	GRAB
	Permit	*		- +		•	9.0	S.U.		1/MONTH	GRAB
pH	Requirement Sample			· · · · · · · · · · · · · · · · · · ·	6.0			5.0.			
	Measurement Permit	*	*	-	*	*	*			•	*
	Requirement	*	*	*	-ty e ₩ 114	•	• 19 • 19 • 12	*	1 * 12 1	*	*
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH			1	• •		TELEPHON	NE I	D	ATE
OFFICER		INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI		-		•					
JOSEPH W. VEN	THE SUBMI	ITTED INFORMATION IS TRU			1	1014					
CHEMISTRY MA	IN THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFO	RMATION. INC	LUDING THE	not the land	124/1724	682-5	13	02 (5 20
TYPE OR PRINT		Y OF FINE AND IMPRISONN under these statutes may				TURE OF HEINCIPAL EX	CECUTIVE AREA	we o	<u>u</u>	YEAR C	MO DAY
	1.	ent of between 6 months an	· •	0,000 and OF		FICER OR AUTHORIZED		NUM	BER		
			the second s		and the second		A				

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

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Page 1 of 1

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

* SEE ATTACHED LETTER FOR EXPLANATION OF EXCURSIONS.



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

May 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 April, 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 7.65 mg/L on April, 2002; 15.3 mg/L on April 8, 2002; 8.13 mg/L on April 17, 2002, and 7.65 mg/L on April 25, 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.

Sincerely, Aalera FOR JWV

Joseph W. Venzon Chemistry and Environmental Manager

DJS

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

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

NAME: First Energy	y Nuclear Operati	ng Company	(2-	16)		(17-19	2)					
ADDRESS: 76 South M	lain Street			25615		113						
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER					
					MONITORING P							
FACILITY: Beaver Va	lley Power Statio	n FROM			AY TO	YEAR MO	DAY					
LOCATION: Shippingpo	ort Borough, Bea	ver County	02 0			02 04		NOTE D.	J		pleting this form	
			(20-21) (22-	23) (24	4-25)	(26-27) (28-29		NUTE: Kea				
Parameter	1		ANTITY OR LOAD	NG	(4 Card Only)	QUALITY OR CONC			NO. EX	FREQUENC' OF	Y SAMPLE TYPE	·
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EA	ANALYSIS		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
	Sample Measurement	0.006	*		*	*	*		O	47	Mens	3
Flow	Permit Requirement	0.043		MGD	*			*	•	I/WEEK	MEASURE	ED
110W	Sample	*	*		*	42.0	2.1		0	2/30	Some	5
CBOD-5 Day	Permit Requirement		*	*	*	25	50	MG/L		2/MONTH	8 HOUR COMPOSI	TE
CBOD-5 Day	Sample	*	***		*	7.5	7.7		0	2/30	Eamp	>
Courses de d'Estida	Measurement Permit		*	•	*	30	60	MG/L		2/MONTH	8 HOUR	
Suspended Solids	Requirement Sample	*	*		*	0.13	0.14		0	2/30	GRAE	3
Tetal Decideral Chiering	Measurement Permit	*	*	•	*	1.4	INST MAX	MG/L	*	2/MONTH	GRAB	
Total Residual Chlorine	Requirement Sample	*	ik dia kanalaharan di		*	13.6	15.0		0	2/30	Gene	,
Fecal Coliform May 1 to Oct 31	Measurement Permit		*	*		200 2000	1000	#/100ML	*	2/MONTH		<u> </u>
Nov 1 to Apr 30	Requirement Sample	•	•*	ļ	7.29	* 2000	7.34	#/10010115	0	2/30	GRAB	,
	Measurement Permit	•								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
рН	Requirement	1945 * 1947	. *	*	6.0	*	9.0	<u>S.U.</u>		2/MONTH	GRAB	
	Sample Measurement	*	*		*	*	*			*	*	
	Permit Requirement	•	•	*	*	*		*	*	k. 1 + 1	*	
NAME/TITLE PRINCIPAL EXEC	UTIVE I CERTIFY	UNDER PENALTY OF LAW TH						TELEPHON	IE		DATE	
OFFICER	WITH THE	INFORMATION SUBMITTED									1	
Jogeri W. Uni	THE SUBM	LS IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU				A 1. A A	E.C.					
CHEMISTOR MAN	A INA THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFOR	MATION. INC	LUDING THE	noldital	ATUN 77L	682-5	12	08	05 20	h م
		Y OF FINE AND IMPRISONN	IENT SEE 18 U.S.C. §100	1 AND 33 U.	s.c. §1319.	TURE OF PRINCIPAL EX	CECUTIVE AREA	EUL S		YEAR	MO DA	<u>0</u> \\Y
TYPE OR PRINT		under these statutes may ent of between 6 months an		,000 and or		FICER OR AUTHORIZED		NUM	BER			
COMMENT AND EXPL				nents here)	the second se							

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

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(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 ADDRESS: 76 South M Akron, OH FACILITY: Beaver Val LOCATION: Shippingpo	44308 ley Power Station	FRO	(2- PA00 PERMIT I M YEAR M	25615 NUMBER 1 D D D	MONITORING P	(17-1 213 DISCHARGE ERIOD YEAR MC	NUMBER	N	o D	SCHAE	2GE
LOCATION, Shippingpo	it Dolough, Deav	er county	(20-21) (22-2		4-25)	(26-27) (28-2		NOTE: Rea	d instructio	ns before com	pleting this form
Parameter (32-37)		(3 Card Only) QU (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CON (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				*	*	*				
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD		*		*	*	1/WEEK	ESTIMATE
	Sample Measurement	*	*		*						
Suspended Solids	Permit Requirement		•	*		30	100	MG/L		2/MONTH	GRAB
Suspended Sonds	Sample	*	*						1		
	Measurement Permit			*		15	20	MG/L		2/MONTH	GRAB
Oil and Grease	Requirement Sample		inter de la companya de la companya La companya de la comp	*			20	MG/L			- OKAD
	Measurement Permit	*	•			* 2014-00-00-00-00-00-00-00-00-00-00-00-00-00					
pH	Requirement	*	*	*	6.0		9.0	<u>S.U.</u>	•	2/MONTH	GRAB
	Sample Measurement	*	*		*	*	*			*	*
	Permit Requirement	¥	#	*	*			*	*		*
	Sample Measurement	*	*		*	*	* .			*	*
	Permit Requirement	*		*	*	•		*	*	*	*
	Sample Measurement	*	*		*	*	*	•	1	*	*
	Permit	.			.			*			*
NAME/TITLE PRINCIPAL EXECU OFFICER	WITH THE	INFORMATION SUBMITTEE	AT I HAVE PERSONALLY EXA HEREIN AND BASED ON BLE FOR O BTAINING THE IN	MY INQUIRY	M FAMILIAR OF THOSE	ANG THE TRUE STREET		TELEPHON	1		DATE
CHEMISTRY MANAG	THERE ARE POSSIBILITY	TTED INFORMATION IS TRU SIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISONN	ACCURATE AND COMPLE R SUBMITTING FALSE INFORM MENT SEE 18 U.S.C. §1001 includes fines up to \$10.	ATION, INC. AND 33 U.S	WARE THAT LUDING THE S.C. §1319.	TURE OF PRINCIPAL E	CARLY 724 EXECUTIVE AREA	68z-3	5113	UZ YEAR	OS ZO MO DAY
	imprisonm	ent of between 6 months an	nd 5 years)		Off	ICER 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)

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NAME: First Energy	(2-	(2-16)			(17-19)							
ADDRESS: 76 South M	PAOO	PA0025615			313							
Akron, OH	PERMIT	NUMBER		DISCHARGE	DISCHARGE NUMBER							
					MONITORING P							
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M		AY TO	YEAR MO	DAY					
LOCATION: Shippingpo		and the second division of the second se	02 0			02 04						
	it borough, bour		(20-21) (22-		4-25)				d instructions before completing this form			
Parameter	1	(3 Card Only) QU	JANTITY OR LOAD		(4 Card Only)	QUALITY OR CONC			NO,	FREQUENCY	SAMPLE	
(32-37)		(3 Card Olly) QC (4653)	(54-61)	NG	(4 Card Only) (38-45)	(46-53)	(54-61)		EX	OF	TYPE	
(32-37)		(4055)	(34-01)		(56-45)	(40-33)	(54-01)			ANALYSIS		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
	Sample Measurement	0.002	0.002		*	*	*			47	EST	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	•		*		1/WEEK	ESTIMATE	
	Sample Measurement	*	*		*	24.0	24.0		0	1/7	GRAB	
Suspended Solids	Permit Requirement	*	•	*		30	100	MG/L		1/WEEK	GRAB	
	Sample Measurement	*	+		*	25,0	45.0		0	47	GEAB	
Oil and Grease	Permit Requirement	*		*	*	15	20	MG/L	*	1/WEEK	GRAB	
	Sample	*	*		6.29	*	7.28	1110,2	0	77	GRAB	
	Permit	•	•			1					}•	
рН	Requirement Sample	*	*	*	6.0	•	9.0	<u>S.U.</u>	*.	1/WEEK	GRAB	
	Measurement	*	*		*	*	*			*	*	
	Permit Requirement	*		*	•		•	*			*	
	Sample Measurement	*	*		*	*	*			*	*	
	Permit Requirement	• 12 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1		*	*	•		*	٠	*** **	*	
	Sample Measurement	*	*		*	*	*		·	*	*	
	Permit Requirement	*	•	*	*	1		*		S. S. + P. Second	*	
NAME/TITLE PRINCIPAL EXECU		NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR			TELEPHON	IE	D	ATE	
OFFICER WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE												
TOSEPH W. UENZOW INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR O BTAINING THE INFORMATION. I BELIEVE												
•	I THE SUBMI	FTED INFORMATION IS TRU				11 1 0 1	E.	• •				
CHEMISTIN MAND	ACEL POSSIBILITY	SIGNIFICANT PENALTIES FOR OF FINE AND IMPRISONM				nid tour	mi/ 724	682 -	5113	02 0	5 20	
TYPE OR PRINT (Penalties under these statutes may						TURE OF PRINCIPAL EXECUTIVE AREA					MO DAY	
	nd 5 years)			TICER OR AUTHORIZED		NUME	BER					
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

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Page 1 of 1

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

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

Facility Name / Location)												
NAME: First Energy	(2-	(2-16)			(17-19)							
ADDRESS: 76 South Main Street			PAOC	025615		413						
Akron, OH 44308			PERMIT	PERMIT NUMBER			NUMBER					
					MONITORING P							
FACILITY: Beaver Val	ley Power Station	FRO			DAY TO	YEAR MO DAY						
LOCATION: Shippingpo			OZ C	AC		Q2 Q4 30						
			(20-21) (22-						NOTE: Read instructions before completing this form			
Parameter	1	(3 Card Only) QU	JANTITY OR LOAD	ING	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE	
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TYPE	
				T T D TIMO		L AND ACE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)	the second s		
	Measurement	20.001	20.001		*	*	*	-		<u> </u>	EST	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*	*	*	1/WEEK	ESTIMATE	
	Sample Measurement	*	*		*	9.3	13.6		0	2/30*	GRAB	
Suspended Solids	Permit Requirement	*	*	1.	*	30	100	MG/L	*	I/WEEK	GRAB	
Suspendeu Sonus	Sample		· · · · ·	+			25.0		0	2/30 #	GEAB	
	Measurement	*	*	-	*	45.0	63.0	4	<u> </u>			
Oil and Grease	Permit Requirement	*	*	*	*	15	20	MG/L	*	1/WEEK	GRAB	
	Sample Measurement	*	.		7.17	*	7.40		0	2/30#	GRAG	
pH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.	*	1/WEEK	GRAB	
	Sample Measurement	*	*		*	*	*			*	*	
	Permit Requirement	*	*	-	*	+	*. *	*	*	*	•	
	Sample	*	*	1	*	*	*			*	*	
	Measurement Permit	*	•	- *	*	*	*	1.	*	+	*	
	Requirement Sample			+	*	*	*			*	*	
	Measurement Permit	*	*	4	*			4		•		
	Requirement	*	*	*	*	*	<u>+</u>	TELEPHON	*	1	DATE	
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH						TELEPHON				
OFFICER		INFORMATION SUBMITTEE								:		
Joseff W. Van		TTED INFORMATION IS TRU				11.1.1.4	Con					
CHEMISTRY MA						mldlollar	2-501/724	68Z-5	5113	_	05 20	
TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$10	0,000 and or	maximum SiGN.	ATURE OF PRINCIPAL E	XECUTIVE AREA			YEAR	MO DAY	
	nd 5 years)											
COLO CUT AND EVDI	ANTATION OF A	NIV MUOT ATTONIC (Deference all attache	nanta hara)		~ ~	· · ·					

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)

•			X									
NAME: First Energy Nuclear Operating Company				(2-16)			(17-19)					
ADDRESS: 76 South Main Street				25615		013	the second se					
Akron, OH	44308	<u> </u>	PERMIT	NUMBER		DISCHARGE	NUMBER					
· · · · · · · · · · · · · · · · · · ·				MONITORING P								
FACILITY: Beaver Valley Power Station FROM			M YEAR M	YEAR MO DAY TO			DAY					
LOCATION: Shippingport Borough, Beaver County			D2 0	4	a	02 04	30					
		·····	(20-21) (22-	23) (2-	4-25)	(26-27) (28-29) (30-31) NOTE: Re			ad instructions before completing this form			
Parameter	[(3 Card Only) QL	ANTITY OR LOAD	ŇĠ	(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	((0, 70)	
	C	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
	Sample Measurement	0.009	0.017		*	*	*			17	EST	
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*	*	*	1/WEEK	ESTIMATE	
	Sample Measurement	*	*		*	0.09	0.12		0	2/30	CALC	
Total Residual Chlorine	Permit	*	+		*	0.5	1.25	MG/L	*	2/MONTH	CALCULATE	
Total Residual Chiofilie	Requirement Sample		······					MIG/L				
	Measurement	*	*		*	0.024	0.034	-		1/7	CALC	
Copper	Permit Requirement	*	*	*	•	MONITOR A	ND REPORT	MG/L	*	1/WEEK	CALCULATE	
	Sample Measurement	*	*		*							
Chlorobenzene	Permit Requirement	*		*	*	MONITOR A	ND REPORT	MG/L	.*	2/QUARTER	CALCULATE	
	Sample	*	74.0		*	*	*		0	1/7	GRAB	
.	Measurement Permit	*			*	*	•	*	*	1/WEEK		
Temperature	Requirement Sample		110	°F							GRAB (i-s)	
	Measurement	*	*		*	40.01	20.0			2/30	CALC	
Cyanide, tot	Permit Requirement	*	*	*	*	MONITOR A	ND REPORT	S.U.		2/MONTH	CALCULATE	
	Sample Measurement	*	*		7.09	*	7.36		0	77	CAL	
рH	Permit Requirement	*	*	*	6.0	*	9.0	S.U.		1/WEEK	CALCULATE	
NAME/TITLE PRINCIPAL EXECT		INDER PENALTY OF LAW TH	TIHAVE PERSONALLY FY	MINED AND A			2.0	TELEPHON	Ē I		ATE	
OFFICER TESEPH W. Verfal Individuals immediately responsible for obtaining the information. I believe The submitted information is true, accurate and complete. I am aware that												
	THE SUBMI	TTED INFORMATION IS TRU			111	11111	YOR.					
CHEMISTON MANAGEN THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORM POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001						ald total	10 The/1724	68Z-5	5113	OZ C	5 20	
TYPE OR PRINT		under these statutes may				TURE OF PRINCIPAL EX	ECUTIVE AREA			YEAR 1	MO DAY	
	imprisonme	ent of between 6 months an	d 5 years)			TCER OR AUTHORIZED		NUMB	ER			
COMPANY AND EVOL	NUMPERAL	IN THAT A TRADIC /T	- f	1 \								

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