

May 24, 2019
L-19-152

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

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

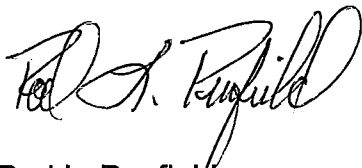
Enclosed is the April 2019 NPDES Discharge Monitoring Report (DMR) for FirstEnergy Nuclear Operating Company (FENOC), Beaver Valley Power Station (BVPS). Also enclosed is the BVPS Quarter 2 Stormwater Monitoring Report. Attachment 1 to this letter is supplemental monitoring data for Outfall 001 (dissolved oxygen).

A review of the data indicates no permit parameters were exceeded during the month.

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

Should you have any questions regarding the attached and enclosed documents, please direct them to Kelsy Kurcsak, at 724-682-4218.

Sincerely,



Rod L. Penfield
General Plant Manager

IE25
NRR

Discharge Monitoring Report Attachment for NPDES Permit No. PA0025615 L-19-152
FirstEnergy Nuclear Operating Company (FENOC)
Beaver Valley Power Station

Attachment(s):

1. Weekly Dissolved Oxygen Monitoring Results at Outfall 001

Enclosure(s)

- A. Monthly Discharge Monitoring Report
- B. Q2 Stormwater Monitoring Report
- C. Supplemental Lab Accreditation Forms

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

ATTACHMENT 1

Weekly Dissolved Oxygen Monitoring Results at Outfall 001

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

SAMPLE DATE	SAMPLE TIME	VALUE	UNITS
04/07/2019	10:00:00 AM	8.00	mg/L
04/14/2019	08:00:00 AM	8.00	mg/L
04/21/2019	08:00:00 AM	6.00	mg/L
04/28/2019	08:04:00 AM	7.00	mg/L

- Attachment 1 END -



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2019	04	01	2019	04	30

FROM TO

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	SAMPLE MEASUREMENT	***	***		***	***	8.0		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	***	Monitor & Report Daily Max	mg/L	Monitor & Report	Monitor & Report
pH (00400)	SAMPLE MEASUREMENT	***	***		7.3	***	8.0		1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX	S.U.	1/week	Grab
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
Clamrol CT-1 (04251)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
	PERMIT REQUIREMENT	***	***		***	.034 Avg Mo	.034 Daily Max	mg/L	See Permit	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	31	34.2		***	***	***		Continuous	Metered
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 MAX	mg/L	1/week	Grab
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		Continuous	Recorded
	PERMIT REQUIREMENT	***	***		***	.2 Avg Mo	.5 Daily Max	mg/L	Continuous	Recorded



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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Hydrazine (81313)	SAMPLE MEASUREMENT	***	***		***	GG	GG	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.007 Avg Mo	.007 Daily Max			
Facility Comments										



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 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

002
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.006	.046	MGD	***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Comments										



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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.192	.359	MGD	***	***	***		1/day	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg. Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Comments										



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2019	04	01	TO	2019	04	30

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX	S.U.		
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	.5 Avg Mo	1.25 MAX	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 MAX	mg/L		
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	.2 Avg Mo	.5 Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.2 Avg Mo	.5 Daily Max	mg/L		
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006
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2019	04	01	TO	2019	04	30

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 No Discharge:

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.002	.016	MGD	***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Comments										



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007
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MONITORING PERIOD						
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PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***				
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT				***	***	***			
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***					
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	.2 Avg Mo	.5 Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***					
Facility Comments										



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 STAGE: Final Effluent

PA0025615
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008
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MONITORING PERIOD						
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2019	04	01	TO	2019	04	30

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	***	***		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Flow (50050)	SAMPLE MEASUREMENT	***	***		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Facility Comments										



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PA0025615
PERMIT NUMBER

010
OUTFALL NUMBER

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 Permit Expires: 12/27/2006
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MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.2	***	7.6		1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.	1/week	Grab
Clamrol CT-1 (04251)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
	PERMIT REQUIREMENT	***	***		***	.034 Avg Mo	.034 Daily Max	mg/L	Daily when Discharging	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	3.96	4.32		***	***	***		1/week	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.2 Avg Mo	.5 Daily Max	mg/L	1/week	Grab
Facility Comments										



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 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

011
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.004	.004	MGD	***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Comments										



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 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

012
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2019	04	01		2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
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 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.6	***	7.7	S.U.	2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Copper, Total (01042)	SAMPLE MEASUREMENT	***	***		***	.0332	.0432	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	.03	.03	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	1.5 Avg Mo	1.5 Daily Max		2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001	MGD	***	***	***		1/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/month	Estimate
Total Dissolved Solids (70295)	SAMPLE MEASUREMENT	***	***		***	346	464	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Facility Comments										



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NAME: FIRSTENERGY NUCLEAR OPR COADDRESS: 76 S MAIN ST, AKRON, OH , 44308FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077STAGE: Final Effluent

PA0025615
PERMIT NUMBER

013
OUTFALL NUMBER

Reporting Frequency: MonthlyDMR Effective From: 04/01/2019DMR Effective To: 04/30/2019Permit Expires: 12/27/2006Permit Application Due: 06/30/2006No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE			UNITS
pH (00400)	SAMPLE MEASUREMENT	***	***		6.7	***	7.2	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Cyanide, Total (00720)	SAMPLE MEASUREMENT	***	***		***	<.01	<.01	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Chlorobenzene (34301)	SAMPLE MEASUREMENT	***	***		***	<.005	<.005	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Copper, Total (01042)	SAMPLE MEASUREMENT	***	***		***	<.0172	.0244	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	.002	.002	MGD	***	***	***		2/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
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101
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH (00400)	SAMPLE MEASUREMENT	***	***			***			S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX				
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***				mg/L	1/week	Composite
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max				
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***				mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max				
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	***	***		***				mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max				
Flow (50050)	SAMPLE MEASUREMENT	***	***		***	***	***			Continuous	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***				
Hydrazine (81313)	SAMPLE MEASUREMENT	***	***		***				mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max				
Facility Comments											



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102
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 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.6	***	7.7		2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.	2/month	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	4.6	4.6		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		2/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		2/month	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

103
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
2019	04	01	2019	04	30	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.9	***	8.2	S.U.	2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX		2/month	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<5.8	7.5	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	.178	.303	MGD	***	***	***		1/day	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

111
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2019	04	01	TO	2019	04	30	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.5	***	8.2		1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.	1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

113
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***						2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	60.0 Daily Max	mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		***	***	***			
Flow (50050)	SAMPLE MEASUREMENT	***	***		***	***	***		1/week	Measured
	PERMIT REQUIREMENT	.043 Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	1.4 Avg Mo	3.3 IMAX	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	***	***			
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***	***		***	2000 Geo Mean	***	No./100 ml	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	***	***			
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	***	***		***	25.0 Avg Mo	50.0 Daily Max	mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		***	***	***			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

203
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		***	***	***	S.U.	2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX			
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	***	***	mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		30.0 Avg Mo	***	60.0 Daily Max			
Flow (50050)	SAMPLE MEASUREMENT	***	***	MGD	***	***	***		1/week	Measured
	PERMIT REQUIREMENT	.023 Avg Mo	Monitor & Report Daily Max		***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	***	***	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		1.4 Avg Mo	***	3.3 IMAX			
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***	***		***	***	***	No./100 ml	2/month	Grab
	PERMIT REQUIREMENT	***	***		2000 Geo Mean	***	***			
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	***	***		***	***	***	mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		25.0 Avg Mo	***	50.0 Daily Max			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

211
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.1	***	7.6		1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX	S.U.	1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.9	5.8		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	213
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***			mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max			
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***			mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max			
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***			mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

301
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

303
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.5	***	7.6	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<6.7	9.4	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.014	.056		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

313
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH (00400)	SAMPLE MEASUREMENT	***	***		6.7	***	7.2		S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX			1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	10.2	14.0		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max			1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.15 Avg Mo	20 Daily Max			1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002	.002		***	***	***		MGD	1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			1/week	Estimate
Facility Comments											



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

401
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		8.4	***	***		2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	***	S.U.	2/month	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

403
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2019	04	01	FROM	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH (00400)	SAMPLE MEASUREMENT	***	***			***			S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX				
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max				
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	15 Avg Mo	20 Daily Max		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max				
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max				
Clamrol CT-1 (04251)	SAMPLE MEASUREMENT	***	***		***	.001 Avg Mo	.001 Daily Max		mg/L	Daily when Discharging	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	.001 Avg Mo	.001 Daily Max				
Flow (50050)	SAMPLE MEASUREMENT	***	***		***	***	***		MGD	1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***				
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	.5 Avg Mo	1.25 IMAX		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX				
Hydrazine (81313)	SAMPLE MEASUREMENT	***	***		***	.001 Avg Mo	.001 Daily Max		mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.001 Avg Mo	.001 Daily Max				
Facility Comments											



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

413
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

FROM

TO

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	***	***		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	***	***			
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		2/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

501
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***				1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L		
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Facility Comments										

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	SAMPLE MEASUREMENT	***	***		***	***	8.0		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	***	Monitor & Report Daily Max	mg/L	Monitor & Report	Monitor & Report
pH (00400)	SAMPLE MEASUREMENT	***	***		7.3	***	8.0		1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.	1/week	Grab
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
Clamtrol CT-1 (04251)	SAMPLE MEASUREMENT	***	***		***	GG	GG			
	PERMIT REQUIREMENT	***	***		***	.034 Avg Mo	.034 Daily Max	mg/L	See Permit	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	31	34.2		***	***	***		Continuous	Metered
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02		Continuous	Recorded
	PERMIT REQUIREMENT	***	***		***	.2 Avg Mo	.5 Daily Max	mg/L	Continuous	Recorded



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Hydrazine (81313)	SAMPLE MEASUREMENT	***	***		***	GG	GG	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.007 Avg Mo	.007 Daily Max			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

002
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2019	04	01			2019	04

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.006	.046	MGD	***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

003
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.192	.359	MGD	***	***	***		1/day	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	004
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		6.0	***	9.0	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		Inst Min	***	MAX			
Flow (50050)	SAMPLE MEASUREMENT	***	***	MGD	***	***	***		1/week	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	.5	1.25	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Avg Mo	MAX			
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	.2	.5	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Avg Mo	Daily Max			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	006
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE		
Flow (50050)	SAMPLE MEASUREMENT	.002	.016		***	***	***	1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***	1/week	Estimate
Facility Comments									



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

007
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***			mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX			
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***			mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.2 Avg Mo	.5 Daily Max			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	008
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst. Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***				2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L		
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***				2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

010
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.2	***	7.6	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Clamtrol CT-1 (04251)	SAMPLE MEASUREMENT	***	***		***	GG	GG	mg/L	Daily when Discharging	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	.034 Avg Mo	.034 Daily Max			
Flow (50050)	SAMPLE MEASUREMENT	3.96	4.32	MGD	***	***	***		1/week	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX		1/week	Grab
Free Available Chlorine (50064)	SAMPLE MEASUREMENT	***	***		***	<.02	<.02	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	.2 Avg Mo	.5 Daily Max		1/week	Grab
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

011
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.004	.004	MGD	***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR COADDRESS: 76 S MAIN ST, AKRON, OH , 44308FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077STAGE: Final Effluent

PA0025615
PERMIT NUMBER

012
OUTFALL NUMBER

Reporting Frequency: MonthlyDMR Effective From: 04/01/2019DMR Effective To: 04/30/2019Permit Expires: 12/27/2006Permit Application Due: 06/30/2006No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2019	04	01		2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE			UNITS
pH (00400)	SAMPLE MEASUREMENT	***	***		7.6	***	7.7	S.U.	2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Copper, Total (01042)	SAMPLE MEASUREMENT	***	***		***	.0332	.0432	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	.03	.03	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	1.5 Avg Mo	1.5 Daily Max		2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001	MGD	***	***	***		1/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/month	Estimate
Total Dissolved Solids (70295)	SAMPLE MEASUREMENT	***	***		***	346	464	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

013
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		6.7	***	7.2	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Cyanide, Total (00720)	SAMPLE MEASUREMENT	***	***		***	<.01	<.01	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Chlorobenzene (34301)	SAMPLE MEASUREMENT	***	***		***	<.005	<.005	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Copper, Total (01042)	SAMPLE MEASUREMENT	***	***		***	<.0172	.0244	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	.002	.002	MGD	***	***	***		2/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

101
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Composite
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	***	***		***	***	***		Continuous	Measured
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Hydrazine (81313)	SAMPLE MEASUREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	102
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.6	***	7.7		2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.	2/month	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	4.6	4.6		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	2/month	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		2/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		2/month	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	103
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.9	***	8.2	S.U.	2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<5.8	7.5	mg/L	2/month	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	24-Hr Composite
Flow (50050)	SAMPLE MEASUREMENT	.178	.303		***	***	***		1/day	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		2/month	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

111
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.5	***	8.2	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

113
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		6.0	***	9.0	S.U.	2/month	Grab
	PERMIT REQUIREMENT	***	***		Inst Min	***	IMAX			
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***		60.0	mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		***	30.0	Daily Max			
Flow (50050)	SAMPLE MEASUREMENT			MGD	***	***	***		1/week	Measured
	PERMIT REQUIREMENT	.043	Monitor & Report		***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***		3.3	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	1.4	IMAX			
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***	***		***		2000	No./100 ml	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	2000	Geo Mean			
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	***	***		***		50.0	mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		***	25.0	Daily Max			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

203
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***			mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	60.0 Daily Max			
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Measured
	PERMIT REQUIREMENT	.023 Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***			mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	1.4 Avg Mo	3.3 IMAX			
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***	***		***			No./100 ml	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	2000 Geo Mean	***			
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	***	***		***			mg/L	2/month	8-Hr Composite
	PERMIT REQUIREMENT	***	***		***	25.0 Avg Mo	50.0 Daily Max			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

211
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.1	***	7.6		1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX	S.U.	1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.9	5.8		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

213
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

FROM

TO

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***				2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L		
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***				2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Flow (50050)	SAMPLE MEASUREMENT				***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***				2/month	Grab
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX	mg/L		
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

301
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5	mg/L	2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max		2/month	Grab
Flow (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

303
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	04	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		7.5	***	7.6	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<6.7	9.4	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.014	.056		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

313
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		6.7	***	7.2	S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	10.2	14.0	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT	.002	.002		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH , 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA , 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

401
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***		8.4	***	***		2/month	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	***	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	<4.0	<4.0		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L		
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	<5	<5		2/month	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Flow (50050)	SAMPLE MEASUREMENT	.001	.001		***	***	***		1/week	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

403
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2019	04	01		2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH (00400)	SAMPLE MEASUREMENT	***	***			***			S.U.	1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX				
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab	
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L			
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab	
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L			
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L	1/week	Grab	
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max	mg/L			
Clamrol CT-1 (04251)	SAMPLE MEASUREMENT	***	***		***	.001 Avg Mo	.001 Daily Max	mg/L	Daily when Discharging	24-Hr Composite	
	PERMIT REQUIREMENT	***	***		***	.001 Avg Mo	.001 Daily Max	mg/L			
Flow (50050)	SAMPLE MEASUREMENT	***	***	MGD	***	***	***		1/week	Estimate	
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***				
Total Residual Chlorine (TRC) (50060)	SAMPLE MEASUREMENT	***	***		***	.5 Avg Mo	1.25 IMAX	mg/L	1/week	Grab	
	PERMIT REQUIREMENT	***	***		***	.5 Avg Mo	1.25 IMAX	mg/L			
Hydrazine (81313)	SAMPLE MEASUREMENT	***	***		***	.001 Avg Mo	.001 Daily Max	mg/L	1/week	Grab	
	PERMIT REQUIREMENT	***	***		***	.001 Avg Mo	.001 Daily Max	mg/L			
Facility Comments											



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

413
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	SAMPLE MEASUREMENT	***	***			***			1/week	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX	S.U.		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Oil and Grease (00556)	SAMPLE MEASUREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	15 Avg Mo	20 Daily Max	mg/L		
Flow (50050)	SAMPLE MEASUREMENT	***	***		***	***	***		2/month	Estimate
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***			
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

501
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 04/01/2019
 DMR Effective To: 04/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	***	***		***					
	PERMIT REQUIREMENT	***	***		***	30.0 Avg Mo	100.0 Daily Max	mg/L	1/week	Grab
Flow (50050)	SAMPLE MEASUREMENT				***	***	***			
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		1/week	Estimate
Facility Comments										

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 04/01/2019
 DMR Effective To: 06/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	06	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Iron, Total (01045)	SAMPLE MEASUREMENT	***	***		***		***			
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***		***			
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

003
OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 04/01/2019
 DMR Effective To: 06/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	06	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Iron, Total (01045)	SAMPLE MEASUREMENT	***	***		***	.1039	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	.1242	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615	008
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 04/01/2019
 DMR Effective To: 06/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	06	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Iron, Total (01045)	SAMPLE MEASUREMENT	***	***		***	.4160	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	<.10	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Facility Comments										

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER
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**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME: FIRSTENERGY NUCLEAR OPR CO
 ADDRESS: 76 S MAIN ST, AKRON, OH, 44308
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 04/01/2019
 DMR Effective To: 06/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	06	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Iron, Total (01045)	SAMPLE MEASUREMENT	***	***		***		***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L		
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***		***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L		
Facility Comments										



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

DISCHARGE MONITORING REPORT (DMR)

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 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

003
OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 04/01/2019
 DMR Effective To: 06/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	FROM	2019	06	30
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Iron, Total (01045)	SAMPLE MEASUREMENT	***	***		***	.1039	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	.1242	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Facility Comments										



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

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 LOCATION: PA ROUTE 168, SHIPPINGPORT, PA, 15077
 STAGE: Final Effluent

PA0025615
PERMIT NUMBER

008
OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 04/01/2019
 DMR Effective To: 06/30/2019
 Permit Expires: 12/27/2006
 Permit Application Due: 06/30/2006
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	06	30

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Iron, Total (01045)	SAMPLE MEASUREMENT	***	***		***	.4160	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Zinc, Total (01092)	SAMPLE MEASUREMENT	***	***		***	<.10	***		1/quarter	Grab
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Daily Max	***	mg/L	1/quarter	Grab
Facility Comments										

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER
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SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>FirstEnergy Nuclear Operating Company</u>								
Address: <u>P.O. Box 4</u>								
<u>Shippingport, PA 15077</u>								
<u>Beaver Valley Power Station</u>								
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day				
PA0025615				2019	04	01	TO 2019 04 30	
PARAMETER								
ANALYSIS METHOD		LAB NAME			LAB ID NUMBER²			
Zinc		EPA 200.7 Rev 4.4			FirstEnergy Corp-Beta Lab			68-01120
Copper		EPA 200.7 Rev 4.4			FirstEnergy Corp-Beta Lab			68-01120
Iron		EPA 200.7 Rev 4.4			FirstEnergy Corp-Beta Lab			68-01120
Chromium		EPA 200.7 Rev 4.4			FirstEnergy Corp-Beta Lab			68-01120
Ammonia		SM 4500 NH3 F			FirstEnergy Corp-Beta Lab			68-01120
Cyanide		SM 4500-CN E[11 th]			FirstEnergy Corp-Beta Lab			68-01120
Chlorobenzene		EPA 624			Test America-Canton Lab			68-00340
Oil and Grease		EPA 1664 Rev A			FirstEnergy Corp-Beta Lab			68-01120
Oil and Grease		EPA 1664 Rev A			PACE Analytical Services			65-00282
Total Dissolved Solids		SM 2540 C *			FirstEnergy Corp-Beta Lab			68-01120
Total Suspended Solids		SM 2540 D *			FirstEnergy Corp-Beta Lab			68-01120
		* 2012 EPA Method Update Rule (MUR) no longer cites Standard Method editions						

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

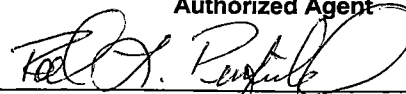
Name/Title Principal Executive Officer

Phone: 724-682-7773

Signature of Principal Executive Officer or Authorized Agent

Rod L. Penfield
 General Plant Manager

Date: 5/23/19



¹ Submit this form with the first Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes. You do not need to send this form to the Department again UNLESS there has been a change to the lab or method of analysis.

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



SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>FirstEnergy Nuclear Operating Company</u>										
Address: <u>P.O. Box 4</u> <u>Shippingport, PA 15077</u> <u>Beaver Valley Power Station</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0025615				2019	04	01	TO	2019	04	30
PARAMETER										
ANALYSIS METHOD										
LAB NAME										
LAB ID NUMBER²										
Total Residual Chlorine			SM 4500-CL G [20 th]			Beaver Valley Power Station			04-2742	
Free Available Chlorine			SM 4500-CL G [20 th]			Beaver Valley Power Station			04-2742	
pH			SM 4500-H+ B [20 th]			Beaver Valley Power Station			04-2742	
Temperature			SM 2550 B [20 th]			Beaver Valley Power Station			04-2742	
Flow			NA			Beaver Valley Power Station			04-2742	
Total Suspended Solids (TSS)			SM 2540 D [20 th]			Beaver Valley Power Station			04-2742	
Quaternary Amine Compounds			Photometric Determination ½-CHM-ANA-4.23H			Beaver Valley Power Station			04-2742	
Bentonite Detoxicant			Estimated using feed rate and discharge flow rate per NPDES Permit PA0025645			Beaver Valley Power Station			04-2742	
Hydrazine			ASTM D1385-01			Beaver Valley Power Station			04-2742	

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

Name/Title Principal Executive Officer

Rod L. Penfield
General Plant Manager

Phone: 724-682-7773

Date: 5/23/19

**Signature of Principal Executive Officer or
Authorized Agent**

¹ Submit this form with the first Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes. You do not need to send this form to the Department again UNLESS there has been a change to the lab or method of analysis.

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