

FirstEnergy Nuclear Operating Company

Perry Nuclear Power Plant 10 Center Road Perry, Ohio 44081

Mark B. Bezilla Vice President 440-280-5382 Fax: 440-280-8029

February 15, 2011 L-11-052

Ohio Environmental Protection Agency Division of Water Pollution Control Enforcement Section, ES/DMR P.O. Box 1049 Columbus, Ohio 43216-1049

SUBJECT:

Perry Nuclear Power Plant, January NPDES Discharge Monitoring Report

Enclosed are the Perry Nuclear Power Plant, NPDES monthly report forms for the month of January 2011. No violations occurred during this period.

If you have questions or require additional information, please contact Mr. Randall Killing at (440) 280-7370.

Sincerely,

Mark B. Bezilla V

Enclosures: A Station Code 004 Report B Station Code 094 Report C Station Code 601 Report D Station Code 602 Report E Station Code 800 Report

cc: NRC Region III NRC Resident Inspector NRR Project Manager NRC Document Control Desk (Docket No. 50-440)



SUBMISSION ID: FACILITY: LOCATION:

COUNTY:

DISTRICT:

FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 10 Center Rd North Perry, OH 44081 Lake NEDO

STATUS: STATION CODE: MONITORING PERIOD : **REPORTING LAB:** ANALYST: NO DISCHARGE INDICATOR: Draft 3IB00016*ID 004 2011-01-01 To: 2011-01-31 CCB125 Randall Killing

PARAMETER	Water Temperature	Flow Rate	pН	Zinc, Total Recoverable	Copper, Total Recoverable	Oxidants, Total Residual	Chlorine, Total Residual
PARAMETER CODE	00011	50050	00400	01094	01119	34044	50060
UNITS	F	MGD	S.U.	ug/l	ug/l	mg/l	mg/l
FREQUENCY	1/Day	1/Day	2/Week	1/Month	1/Month	When Disch.	When Disch.
SAMPLING TYPE	Continuous	Continuous	Grab	Grab	Grab	Grab	Grab
2011-01-01	52 50	43.6		9.83	4.59	AH AH	AA 0.05 AA 0.05
2011-01-02	47	41.3				AH	AA 0.05
2011-01-03	47		0.17			AH	
2011-01-04	47	43.1	8.17		· · ····	AH AH	AA 0.05 AA 0.05
2011-01-06	45	40.3				AH	AA 0.05
			0.14				
2011-01-07	47	46.7	8.14			AH	AA 0.05
2011-01-08	44	44.8				AH	AA 0.05
2011-01-09	45	43.6				AH	AA 0.05
2011-01-10	44	54.9				AH	AA 0.05
2011-01-11	43	52.0	8.16	· · ·		AH	AA 0.05
2011-01-12	43	51.6				AH	AA 0.05
2011-01-13	44	51.7				AH	AA 0.05
2011-01-14	43	51.9	8.24			АН	AA 0.05
2011-01-15	44	50.3				AH	AA 0.05
2011-01-16	44	54.8				AH	AA 0.05
2011-01-17	43	52.8				AH	AA 0.05
2011-01-18	45	46.8	8.12			AH	AA 0.05
2011-01-19	45	48.6				AH	AA 0.05
2011-01-20	44	49.1				AH	AA 0.05
2011-01-21	44	46.3	8.14			AH	AA 0.05
2011-01-22	42	43.4	· · · · ·			AH	AA 0.05
2011-01-23	45	44.1				АН	AA 0.05
2011-01-24	44	45.2				AH	AA 0.05
2011-01-25	48	37.6	8.19			АН	AA 0.05
2011-01-26	46	39.7				AH	AA 0.05
2011-01-27	47	48.2				AH	0.05
2011-01-28	46	39.6	8.25			AH	AA 0.05
2011-01-29	47	39.2				АН	AA 0.05
2011-01-30	46	40.9				AH	AA 0.05
2011-01-31	45	46.5			 	АН	AA 0.05
Minimum	42.0	37.6	8.12	9.83	4.59		0.0
Maximum	52.0	54.9	8.25	9.83	4.59		0.05
Average Count	45.29032 31	45.93226	8	· 9.83	4.59	ł	0.00161
Name of Responsible Officia					ignature of Responsibl	e Official or Authorized	31 Submission
or Authorized Representativ	h actually amount the bound	ilty of law that I have p Ibmitted herein and ba				entative	Date/Time
Mark Bezilla VP NUCLEAR	immediately responsib information is true, acc penalties for submitting	le for obtaining the info surate and complete. I a	ormation, I believe the am aware that there are	submitted	いかっ		11:10 2/15/11
	imprisonment.				- /-	Page 1	415/11

Page 1

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SUBMISSION ID: FACILITY: LOCATION:

COUNTY:

DISTRICT:

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FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 10 Center Rd North Perry, OH 44081 Lake NEDO

STATUS: STATION CODE: MONITORING PERIOD : **REPORTING LAB:** ANALYST: NO DISCHARGE INDICATOR:

Draft 3IB00016*ID 004 2011-01-01 To: 2011-01-31 CCB125 Randall Killing

PARAMETER	Chlorination/Bromination Duration						
PARAMETER CODE	78739						
UNITS FREQUENCY	Minutes When Disch.		<u> </u>				
SAMPLING TYPE	Total						
2011-01-01	100						
2011-01-02	100						
2011-01-03	100						
2011-01-04	100						
2011-01-05	100						
2011-01-06	100						
2011-01-07	100						
2011-01-08	100						
2011-01-09	100						
2011-01-10	100						
2011-01-11	100			·			
2011-01-12	100					· · · · · · · · · · · · · · · · · · ·	
2011-01-13	100					· · · ·	
2011-01-14	100						
2011-01-15	100						
2011-01-16	100						
2011-01-17	100						
2011-01-18	100						
2011-01-19	100						
2011-01-20	102						
2011-01-21	106						
2011-01-22	100						
2011-01-23	100						
2011-01-24	100						
2011-01-25	100						
2011-01-26	100						
2011-01-27	100						
2011-01-28	100						
2011-01-29	100						
2011-01-30	102			l			
2011-01-31	100						
Minimum	100.0						
<u>Maximum</u> Average	106.0 100.32258		· ·				
Count	31			<u> </u>	1		
Name of Responsible Officia	al certify under the penalty				nature of Responsible		Submission
or Authorized Representativ	we with the information subr immediately responsible				Represen		Date/Time
Mark Bezilla VP Nuclear	information is true, accur penalties for submitting fi imprisonment.	ate and complete. I am a	aware that there are sig	nificant	3h-		11:10 2/15/11
				<u>_</u>	<u> </u>	Page 2	7.0/11

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SUBMISSION ID: FACILITY: LOCATION:

COUNTY:

DISTRICT:

FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 10 Center Rd STATION CODE: North Perry, OH 44081 MONITORING PER Lake REPORTING LAB: NEDO ANALYST: NO DISCHARCE IN

STATUS:DraPERMIT NUMBER:31/2STATION CODE:094MONITORING PERIOD :201REPORTING LAB:300ANALYST:300NO DISCHARGE INDICATOR:AL

Draft **3IB00016*ID** 094 <u>2011-01-01</u> To: <u>2011-01-31</u>

PARAMETER CODE 00011 50000 00400 01024 01119 24044 50000 UNTS F MOD 8.00 ugl ugl ugl mol mol </th <th>PARAMETER</th> <th>Water Temperature</th> <th>Flow Rate</th> <th>рН</th> <th>Zinc, Total Recoverable</th> <th>e Copper, Total Recoverable</th> <th>Oxidants, Total Residual</th> <th>Chlorine, Total Residual</th>	PARAMETER	Water Temperature	Flow Rate	рН	Zinc, Total Recoverable	e Copper, Total Recoverable	Oxidants, Total Residual	Chlorine, Total Residual
UNITS F MOD SU, Upp up/ UNO up/ UNO <thup <br="">UNO<td>PARAMETER CODE</td><td>00011</td><td>50050</td><td>00400</td><td></td><td></td><td></td><td></td></thup>	PARAMETER CODE	00011	50050	00400				
SAMPLING TYPE Continuous Grab Grab </td <td>UNITS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	UNITS							
2011-01-02 <								
2011-01-02		Continuous	Continuous	Grab	· Grab	Grab	Grab	Grab
2011-01-03				· [
2011-01-04				<u> </u>	<u> </u>		}	
2011-01-05		· · · · · · · · · · · · · · · · · · ·						
2011-01-06	· · · · · · · · · · · · · · · · · · ·			·	· · · · · · · · · · · · · · · · · · ·	···		
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2011-01-10	2011-01-08							
2011-01-12	2011-01-09							
2011-01-12	2011-01-10		·	L			<u> </u>	
2011-01-13	2011-01-11							
2011-01-14	2011-01-12							
2011-01-15	2011-01-13							
2011-01-16	2011-01-14							
2011-01-17	2011-01-15							
2011-01-18	2011-01-16							
2011-01-19	2011-01-17							
2011-01-20	2011-01-18		· · · · · · · · · · · · · · · · · · ·					
2011-01-21	2011-01-19							
2011-01-22	2011-01-20		<u> </u>	1				
2011-01-23	2011-01-21							
2011-01-24	2011-01-22							······
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2011-01-26	2011-01-24						1	
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2011-01-29				<u> </u>			 	
2011-01-30 2011-01-31 2011-01-31 2011-01-31 Minimum 2011-01-31 Maximum 2011-01-31 Maximum 2011-01-31 Average 2011-01-31 Count 2011-01-31 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals Signature of Responsible Official or Authorized Representative				1		<u> </u>	<u> </u>	
2011-01-31 Minimum Minimum Maximum Maximum Maximum Average Maximum Count Signature of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals Signature of Responsible Official or Authorized Representative				<u> </u>			<u> </u>	
Minimum Maximum Submission Maximum Maximum Maximum Maximum Average Maximum Maximum Maximum Count Image: Count Image: Count Image: Count Image: Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals Signature of Responsible Official or Authorized Representative Submission				1	+		 	
Maximum Image <					+			
Count Signature of Responsible Official or Authorized Submission Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familiar or Authorized Representative Signature of Responsible Official or Authorized Submission Or Authorized Representative with the information submitted herein and based on my inquiry of those individuals Signature of Responsible Official or Authorized Submission			· · · · · · · · · · · · · · · · · · ·					
Name of Responsible Official or Authorized Representative L certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals Signature of Responsible Official or Authorized Representative Submission Date/Time			····					
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals Representative Date/Time				l	_L			
	or Authorized Representative		alty of law that I have	personally examined an	nd am familiar			
Page 3								

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SUBMISSION ID: FACILITY: LOCATION:

COUNTY:

DISTRICT:

FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 10 Center Rd STATION CODE: North Perry, OH 44081 MONITORING PER Lake REPORTING LAB: NEDO ANALYST: NO DISCHARGE IN

STATUS:DraPERMIT NUMBER:31/2STATION CODE:094MONITORING PERIOD :201REPORTING LAB:201ANALYST:NO DISCHARGE INDICATOR:AL

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Draft **3IB00016*ID** 094 <u>2011-01-01</u> To: <u>2011-01-31</u>

PARAMETER	Chlorination/Bromination Duration						
PARAMETER CODE	78739						
UNITS	Minutes						
FREQUENCY	When Disch						
SAMPLING TYPE	Total						
2011-01-01							
2011-01-02							
2011-01-03					·		
2011-01-04					l		
2011-01-05				·			
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2011-01-30							
2011-01-31							· · · · · · · · · · · · · · · · · · ·
Minimum							
Maximum							
Average							
Count							
Name of Responsible Officia or Authorized Representation	al l certify under the penalty	of law that I have pers	onally examined and a			Official or Authorized	Submission
	immediately responsible	nitted herein and based for obtaining the inform	on my inquiry of those ation, I believe the sub	individuals mitted	Represen	tative	Date/Time
Mark Beulla	information is true, accur penalties for submitting f	ate and complete. I am	aware that there are sig	nificant	7		11:10 1
VF Nuclear	imprisonment.				2/22	D (2/15/11

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SUBMISSION ID: FACILITY:

LOCATION:

COUNTY: DISTRICT:

 FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER:

 10 Center Rd
 STATION CODE:

 North Perry, OH 44081
 MONITORING PER

 Lake
 REPORTING LAB:

 NEDO
 ANALYST:

Draft **3IB00016*ID** 601 2011-01-01 To: 2011-01-31

PARAMETER	Flow Rate	pН	Total Suspended Solids	Oil and Grease, Total			
PARAMETER CODE	50050	00400	00530	00550	+		<u> </u>
UNITS	MGD	S.U.	mg/l	mg/l			
FREQUENCY	Continuous	1/2 Weeks	1/2 Weeks	1/2 Weeks			
SAMPLING TYPE	24hr Total	Grab	Grab	Grab			
2011-01-01		<u> </u>				{	
2011-01-02							
2011-01-03		<u> </u>			<u> </u>		
2011-01-04							
2011-01-05			<u> </u>				
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2011-01-30							
2011-01-31							
<u>Minimum</u>							
Maximum Average		<u> </u>	·				
Count		<u> </u>	· [<u> </u>		I	
Name of Responsible Official	I certify under the pe	enalty of law that I have	personally examined and	am familiar S	Signature of Responsible		
or Authorized Representative	with the information	submitted herein and ba	ased on my inquiry of the formation, I believe the s	se individuals	Represe	entative	Date/Time
Mark Bezilla V.º Nuclear	information is true, a	accurate and complete. I	am aware that there are soluting the possibility of	significant	1~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-	11:10
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SUBMISSION ID: FACILITY: LOCATION:

COUNTY:

DISTRICT:

FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 10 Center Rd STATION CODE: North Perry, OH 44081 MONITORING PERI Lake REPORTING LAB: NEDO ANALYST: NO DISCHARCE INI

Draft **3IB00016*ID** 602 <u>2011-01-01</u> To: <u>2011-01-31</u>

PARAMETER	Flow Rate	pH	Total Suspended Solids	Oil and Grease, Total	Iron, Total Recoverable	Copper, Total Recoverable	
PARAMETER CODE	50050	00400	00530	00550	00980	01119	<u> </u>
UNITS	MGD	S.U.	mg/l	mg/l	ug/l	ug/l	
FREQUENCY	Continuous	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1/2 Weeks	
SAMPLING TYPE	24hr Total	Grab	24hr Composite	Grab	24hr Composite	24hr Composite	
2011-01-01							
2011-01-02		<u> </u>					
2011-01-03							
2011-01-04		ļ					
2011-01-05							
2011-01-06							
2011-01-07					L		
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2011-01-09							
2011-01-10					_		
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2011-01-12							
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2011-01-14	<u></u>						
2011-01-15							
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2011-01-17	· ·····		1				······
2011-01-18		<u> </u>					
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2011-01-22							
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2011-01-30		<u> </u>	- <u> </u>		 		· · · · · · · · · · · · · · · · ·
2011-01-31	· · ·						
Minimum							
Maximum	· · · · · · · · · · · · · · · · · · ·	<u> </u>	+	· · · · · · · · · · · · · · · · · · ·	··· ···		
Average							
Count							
Name of Responsible Official or Authorized Representative	provider and po	nalty of law that I have	e personally examined and		gnature of Responsible Represe	e Official or Authorized	Submission Date/Time
Mark Bezilla	immediately respons	ible for obtaining the is	based on my inquiry of the information, I believe the s	ubmitted			
VP Nuclear			I am aware that there are a ncluding the possibility of			<u> </u>	2/15/11

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SUBMISSION ID: FACILITY: LOCATION:

COUNTY:

DISTRICT:

FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 10 Center Rd North Perry, OH 44081 Lake NEDO

STATUS: STATION CODE: MONITORING PERIOD : **REPORTING LAB:** ANALYST: NO DISCHARGE INDICATOR:

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Draft 3IB00016*ID 800 2011-01-01 To: 2011-01-31 CCB125 Randall Killing

PARAMETER	Water Temperature	Zinc, Total Recoverable	Copper, Total Recoverable					
PARAMETER CODE	00011	01094	01119	<u> </u>				
UNITS	F	ug/l	ug/l					
FREQUENCY SAMPLING TYPE	1/Day Continuous	1/Month Grab	1/Month Grab					
2011-01-01	35	4.89	AA 2.5	<u></u>			·····	
2011-01-02	36			· · · · · · · · · · · · · · · · · · ·				
2011-01-03	36		<u> </u>	<u>† </u>				· · · · · · · · · · · · · · · · · · ·
2011-01-04	35			1				,
2011-01-05	33			<u> </u>				
2011-01-06	34		1	1				
2011-01-07	33							
2011-01-08	33							
2011-01-09	33			-				
2011-01-10	32							
2011-01-11	33							
2011-01-12	32							
2011-01-13	32							
2011-01-14	32							
2011-01-15	32							
2011-01-16	32							
2011-01-17	32							
2011-01-18	32							
2011-01-19	32							
2011-01-20	33							
2011-01-21	32							
2011-01-22	33							
2011-01-23	33							
2011-01-24	33							
2011-01-25	34							
2011-01-26	34							
2011-01-27	34							
2011-01-28	33			<u> </u>				
2011-01-29	34							,
2011-01-30	34							
2011-01-31	34			Ļ				
Minimum	32.0	4.89	0.0	<u> </u>				
<u>Maximum</u> Average	36.0 33.22581	4.89 4.89	0.0	<u> </u>				
Count	31	1	1	<u> </u>				- <u></u>
Name of Responsible Officia or Authorized Representativ	I certify under the per	nalty of law that I have a	personally examined and		Signature of		Official or Authorized	
	immediately responsi	submitted herein and base ble for obtaining the inf	ormation, I believe the	submitted		Represe		Date/Time 1:10
Mark Bezilla	penalties for submittin	ccurate and complete. I a ng false information, inc	am aware that there are cluding the possibility o	significant f fine and		7	-	
VP Nuclear	imprisonment.					hi	Page 7	2/15/11

Page 7

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FACILITY:	FirstEnergy Nuclear Gen Corp - Perry Plant	PERMIT NUMBER:	3IB00016*ID
LOCATION:	10 Center Rd	MONITORING PERIOD :	<u>2011-01-01</u> To: <u>2011-01-31</u>
	North Perry, OH 44081		

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PARAMETER COMMENTS:

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Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
004	Oxidants, Total Residual	34044	2011-01-01	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-02	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-03	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-04	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-05	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-06	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-07	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-08	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-09	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-10	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-11	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-12	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-13	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-14	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-15	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-16	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-17	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-18	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-19	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-20	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-21	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-22	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-23	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-24	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-25	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-26	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-27	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-28	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-29	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-30	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2011-01-31	mg/l	No bromination event this date

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