



**CENTERIOR
ENERGY**

PERRY NUCLEAR POWER PLANT

10 CENTER ROAD
PERRY, OHIO 44081
(216) 259-3737

Mail Address:
P.O. BOX 97
PERRY, OHIO 44081

R. A. Stratman

VICE PRESIDENT - NUCLEAR

December 10, 1992
PY-CEI/OEPA-0168 L

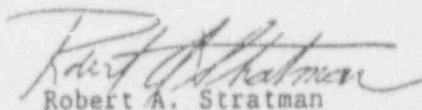
Ohio EPA
Division of Water Pollution Control
Enforcement Section, ES/MOR
1800 Watermark Drive
Columbus, Ohio 43266-0149

Gentlemen:

Enclosed are the NPDES monthly report forms for the month of November, 1992.

Please feel free to call if you have any questions.

Sincerely,



Robert A. Stratman

RAS:LKB:ss

Enclosure

cc: NRC Project Manager
NRC Resident Inspector Office
NRC Document Control Desk
NRC Region III

170037

9212180068 921130
PDR ADOCK 05000440
R PDR

COOL

CLEVELAND ELECTRIC ILLUM CO 3IB00016001 NOV 1991 1 1
 NUCLEAR GROUP
 C/O PERRY NUCLEAR POWER PLANT
 10 CENTER ROAD ROOM E210 001 DISCHARGE FROM REGENERATE
 NORTH PERRY 44081 LAKE NEUTRALIZATION PITS

OHIO
 63461

FORM

CEI. PERRY

J.J. GRIMM

	1 999	1 999	1 999	2 96	3 1
	CONDUIT FLOW MGD	PH (MAX) S.U.	PH (MIN) S.U.	RESIDUE T NFLT MG/L	O&G TOTAL MG/L
	50050	00401	00402	00530	00550
01	AH	AH	AH		
02	AH	AH	AH		
03	AH	AH	AH		
04	0.0150	8.0	7.3	9	AA
05	AH	AH	AH		
06	AH	AH	AH		
07	AH	AH	AH		
08	0.0162	7.4	7.3		
09	AH	AH	AH		
10	AH	AH	AH		
11	AH	AH	AH		
12	AH	AH	AH		
13	AH	AH	AH		
14	AH	AH	AH		
15	AH	AH	AH		
16	AH	AH	AH		
17	0.0232	7.2	7.1		
18	AH	AH	AH		
19	0.0232	7.6	7.5		
20	AH	AH	AH		
21	0.0170	7.8	7.8	26	
22	AH	AH	AH		
23	AH	AH	AH		
24	0.0230	7.6	7.2	10	AA
25	AH	AH	AH		
26	AH	AH	AH		
27	AH	AH	AH		
28	0.0155	7.8	7.5		
29	AH	AH	AH		
30	AH	AH	AH		
31					
	0.1331	53.4	51.7	45	AA
	0.0190	7.6	7.4	15	AA
	0.0232	8.0	7.8	26	AA
	0.0150	7.2	7.1	9	AA

AA - BELOW DETECTABLE LIMIT (5 mg/l for O&G and 2.5 mg/l for RESIDUE)
 AH - SAMPLE NOT TAKEN, NO DISCHARGE PERFORMED THIS DATE

CLEVELAND ELECTRIC ILLUM CO 31B00016001 NOV 1991

1 1

OHIO
63461

NUCLEAR GROUP

C/O PERRY NUCLEAR POWER PLANT

10 CENTER ROAD ROOM E210

NORTH PERRY 44081 LAKE

001 DISCHARGE FROM REGENERATE
NEUTRALIZATION PITS

CEL. PERRY

J.S. GRIMM

CONDUI FLOW MGD	PH (MAX) S.U.	PH (MIN) S.U.	RESIDUE O&G T NFLT MG/L	O&G TOTAL MG/L
50050	00401	00402	00530	00530
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
0.0150	8.0	7.3	9	AA
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
0.0162	7.4	7.3		
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
0.0232	7.2	7.1		
AH	AH	AH		
0.0232	7.6	7.5		
AH	AH	AH		
0.0170	7.8	7.8	26	
AH	AH	AH		
AH	AH	AH		
0.0230	7.6	7.2	10	AA
AH	AH	AH		
AH	AH	AH		
AH	AH	AH		
0.0155	7.8	7.5		
AH	AH	AH		
AH	AH	AH		
0.1331	53.4	51.7	45	AA
0.0190	7.6	7.4	15	AA
0.0232	8.0	7.8	26	AA
0.0150	7.2	7.1	9	AA

AA - BELOW DETECTABLE LIMIT (5 mg/l for O&G and 2.5 mg/l for RESIDUE)
 AH - SAMPLE NOT TAKEN NO DISCHARGE PERFORMED THIS DATE

12/10/92

VP-Nuclear

CLEVELAND ELECTRIC ILLUM CO 3IB00016002 NOV 1992 1 1 OHIO
 NUCLEAR GROUP 63461
 C/O PERRY NUCLEAR POWER PLANT
 10 CENTER ROAD ROOM E210 002 DISCHARGE FROM CHEMICAL CLEANING
 NORTH PERRY 44081 LAKE LAGOON E PLANT
 FORM

CEI. PERRY

J.J. GRIMM

1	1	2	3	2	2	2
999	999	96	1	96	96	96
CONDUIT	PH	RESIDUE	O&G	PHOS-T	COPPER	IRON
FLOW		T NFLT	TOTAL	P-WET	CU.TOT	FE.TOT
MGD	S.U.	MG/L	MG/L	MG/L	MG/L	UG/L
50050	00400	00530	00550	00655	01042	01045

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NO DISCHARGE OCCURRED DURING THE MONTH

REPORTER

12/10/92

VP-Nuclear

CLEVELAND ELECTRIC ILLUM CO 31B00016002 NOV 1992
NUCLEAR GROUP
C/O PERRY NUCLEAR POWER PLANT
10 CENTER ROAD ROOM E210
NORTH PERRY 44081 LAKE

1 1

OHIO
63461

002 DISCHARGE FROM CHEMICAL CLEANING
LAGOON E PLANT

CEL, PERRY

J.J. FRIMM

1	1	2	3	2	2	2
999	999	96	1	96	96	96
CONDUIT	PH	RESIDUE O&G	PHOS-T	COPPER	IRON	
FLOW		T NFLT	P-WET	CU.TOT	FE.TOT	
MGD	S.U.	MG/L	MG/L	MG/L	UG/L	
50050	00400	00530	00550	00665	01042	01045

NO DISCHARGE OCCURRED DURING THE MONTH

12/10/92

VP-Nuclear

CLEVELAND ELECTRIC ILLUM CO 3IB00016004 NOV 1992
 NUCLEAR GROUP
 C/O PERRY NUCLEAR POWER PLANT
 10 CENTER ROAD ROOM E210
 NORTH PERRY 44081 LAKE

1 1

OHIO
 63461

004 POINT REP OF DISCHARGE PRIOR TO
 ENTRY TO TUNNEL

FORM

CEI, PERRY

J.J. GRIMM

1 1 3 3
 999 999 1 1

WATER TEMP F.	CONDUIT FLOW MGD	CHLOR FREE A MG/L	PH S.U.
00011	5005	50064	00400

01	53	86.0	0.00	
02	55	80.2	0.00	
03	59	89.8	0.00	8.2
04	59	90.2	0.00	
05	56	81.2	0.00	
06	56	79.3	0.00	8.1
07	53	77.1	0.00	
08	55	79.1	0.00	
09	55	93.8	0.00	
10	55	104.9	0.00	8.1
11	56	96.0	0.00	
12	57	104.0	0.00	
13	53	97.4	0.00	8.1
14	52	87.4	0.00	
15	52	78.8	0.00	
16	53	56.8	0.00	8.2
17	56	64.1	0.00	8.2
18	51	74.8	0.00	
19	50	74.1	0.00	
20	51	78.6	0.00	8.3
21	53	83.6	0.00	
22	52	88.1	0.00	
23	53	90.0	0.00	
24	53	90.7	0.00	8.5
25	54	91.0	0.00	
26	55	86.6	0.00	
27	52	75.9	0.00	7.9
28	52	74.9	0.00	
29	50	76.6	0.00	
30	50	76.0	0.00	8.2
31				

1611	2507.0	0.00	81.8
54	83.5	0.00	8.2
59	104.9	0.00	8.5
50	56.8	0.00	7.9

Note: From 10AM 11/13 until 9AM 11/14 temperature data was invalid as a result of a stagnant sampling line. Temperatures for 11/13-14 are reported from periods during which sample flow was confirmed.

CLEVELAND ELECTRIC ILLUM CO 31B00016004 NOV 1992
 NUCLEAR GROUP
 C/O PERRY NUCLEAR POW. PLANT
 10 CENTER ROAD ROOM E210
 NORTH PERRY 44081 LAKE

1 1 OHIO
 63461

004 POINT REP OF DISCHARGE PRIOR TO
 ENTRY TO TUNNEL

CEI. PERRY

J.J. GRIMM

1 999	1 999	3 1	3 1
WATER TEMP F.	CONDUIT FLOW MGD	CHLOR. FREE A MG/L	PH S.U.
00011	50050	50064	00400
53	86.0	0.00	
53	80.2	0.00	
59	89.8	0.00	8.2
59	90.2	0.00	
56	81.2	0.00	
56	79.3	0.00	8.1
53	77.1	0.00	
53	79.1	0.00	
53	93.8	0.00	
53	104.9	0.00	8.1
56	96.0	0.00	
57	104.0	0.00	
53	97.4	0.00	8.1
52	87.4	0.00	
52	78.8	0.00	
53	56.8	0.00	8.2
56	64.1	0.00	8.2
51	74.8	0.00	
50	74.1	0.00	
51	78.6	0.00	8.3
53	83.6	0.00	
52	88.1	0.00	
53	90.0	0.00	
53	90.7	0.00	8.5
54	91.0	0.00	
53	86.6	0.00	
52	75.9	0.00	7.9
52	74.9	0.00	
50	76.6	0.00	
50	76.0	0.00	8.2
1611	2507.0	0.00	81.8
54	83.3	0.00	8.2
59	104.9	0.00	8.5
50	56.8	0.00	7.9

Note: From 10AM 11/13 until 9AM 11/14 temperature data was invalid as
 a result of a stagnant sampling line. Temperatures for 11/13-14
 are reported from periods during which sample flow was confirmed.

CLEVELAND ELECTRIC ILLUM CO 3IB00016800 NCV 1992
NUCLEAR GROUP
C/O PERRY NUCLEAR POWER PLANT
10 CENTER ROAD ROOM E210
NORTH PERRY 44081 LAKE

1 1

OHIO
63461

800 INTAKE WATER AT INLET TO PLANT
FROM LAKE ERIE

FORM

CEL. PERRY

J.J. GRIMM

1
999

WATER
TEMP
F.

00011

01	49
02	48
03	50
04	49
05	49
06	49
07	47
08	47
09	47
10	47
11	47
12	48
13	46
14	46
15	43
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22	43
23	43
24	44
25	44
26	45
27	44
28	44
29	43
30	42
31	

1359
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42

NONE

REPORTER

12/10/92

VP-Nuclear

CLEVELAND ELECTRIC ILLUM CO 31B00016800 NOV 1992

1 1

OHIO
63461

NUCLEAR GROUP

C/O PERRY NUCLEAR POWER PLANT

10 CENTER ROAD ROOM E210

NORTH PERRY 44061 LAKE

800 INTAKE WATER AT INLET TO PLANT
FROM LAKE ERIE

CEL. PERRY

J.D. GRIMM

999

WATER
TEMP
F.

00011

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1359

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NONE

12/10/92

VP-nuclear