

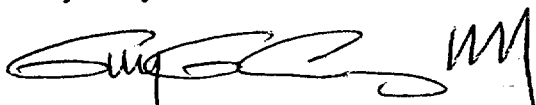
Guy G. Campbell
Vice President - Nuclear440-280-5224
Fax: 440-280-8029January 30, 2002
PY-CEI/OEPA-0369LOhio Environmental Protection Agency
Northeast District Office
Attention: Ms. Marie Underwood
2110 E. Aurora Road
Twinsburg, OH 44087-1969

Dear Ms. Underwood,

Enclosed are the results from the samples taken per the discussions between Mr. Leo Harte of the Perry Nuclear Power Plant and Ms. Marie Underwood of the Ohio Environmental Protection Agency on 1/8/02. These samples were taken in an attempt to reduce additional monitoring requirements that would be imposed from the original permit renewal samples. Samples were taken from the lake, plant combined discharge (outfall 004), and the neutralization basins (outfall 601) discharged during the sampling period. The chemical cleaning lagoon (outfall 602) and radwaste tanks were not sampled, as no discharges from these sources occurred during this period. It should be noted that these points were identified as infrequent discharge points.

If you have questions or require additional information, please contact Mr. Leo Harte at (440) 280-5514.

Very Truly Yours,



Attachment

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

Cool

FirstEnergy

BETA Laboratory
ISO 9002 Certified
6670 Beta Drive
Mayfield Village, OH 44143
(440) 604-9802

Jan. 24, 2002

Analysis Certificate # 200200108

Perry Nuclear Plant
PY1 Environmental
10 Center Road
Perry, OH 44081

Account # 00015-00018

LSN: 18853
Customer ID: P21-F946

Date Received: 01/22/02
Sampled: 01/09/02
Time: 16:17

Description: Environmental, Neut Basin A

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	15	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	2	2	ug/l	200.7	01/24/02		SBT

LSN: 18854
Customer ID: P21-F946

Date Received: 01/22/02
Sampled: 01/17/02
Time: 16:20

Description: Environmental, Neut Basin B

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	13	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18855
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/09/02
Time: 16:40

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	9	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18856
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/10/02
Time: 10:00

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	5	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18857
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/14/02
Time: 10:10

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18858
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/15/02
Time: 16:05

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	5	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18859
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/16/02
Time: 08:15

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	5	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18860
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/17/02
Time: 09:23

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	9	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18861
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/18/02
Time: 09:40

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18862
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/19/02
Time: 04:02

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	7	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18863
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/20/02
Time: 09:05

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18864
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/21/02
Time: 09:00

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18865
Customer ID: P20-F529B

Date Received: 01/22/02
Sampled: 01/22/02
Time: 08:35

Description: Environmental, LAKE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18866
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/09/02
Time: 16:45

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18867
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/10/02
Time: 09:45

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	5	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18868
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/14/02
Time: 12:05

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	19	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	4	2	ug/l	200.7	01/24/02		SBT

LSN: 18869
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/15/02
Time: 13:05

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	7	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18870
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/16/02
Time: 10:03

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	7	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18871
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/17/02
Time: 09:35

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18872
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/18/02
Time: 09:48

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18873
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/19/02
Time: 03:55

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	7	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18874
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/20/02
Time: 09:00

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18875
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/21/02
Time: 09:05

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	6	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

LSN: 18876
Customer ID: P84-F555

Date Received: 01/22/02
Sampled: 01/22/02
Time: 08:55

Description: Environmental, DISCHARGE

Analysis Product: Copper

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Copper	5	2	ug/l	200.7	01/24/02		SBT

Analysis Product: Cobalt

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>An. Date</u>	<u>Time</u>	<u>Anl</u>
Cobalt	3	2	ug/l	200.7	01/24/02		SBT

EQUIPMENT SPECIFICATIONS AND PROCEDURES

<u>Parameter</u>	<u>Instrumentation, BETA I.D.</u>	<u>Cal.</u>	<u>Procedure</u>
Ions/metals	PE Optima 3000XL, BETA312	PTU	LSS-D0035, rev.0
	PE AA Spectro 3300, BETA316	PTU	LSS-D0030, rev.0
	Leeman Labs DRE, BETA319	PTU	LSS-D0031, rev.0
	DIONEX LC, BETA340 - 344	PTU	LSS-D0020, rev.0
Mercury	Leeman Labs PS200II, BETA337	PTU	LSS-D0012, rev.0
Conductivity	YSI Model 32, BETA331	PTU	LSS-B0028, rev.0
	Leeds & Northrup, BETA338	PTU	LWT-08, rev.0
ISE	Fisher Scientific 950, BETA333	PTU	LSS-B0025, rev.0
	Orion Research EA940, BETA348	PTU	
TOC	Shimadzu TOC-5050A, BETA345	PTU	SW846-9060
Turbidity	KS Colorimeter M900-3, BETA330	PTU	LSS-D0015, rev.0
Oil & Grease	N/A	N/A	LSS-B0026, rev.1
TSS	N/A	N/A	LSS-B0027, rev.1
Weight	Mettler AE 100, BETA119	PTU	
Field Temperature	CMS, BETA 496	ANU	SM 2550
Total Residual Chlorine	Hach, BETA 490	PTU	FWT-14, rev. 0
Turbidity	Hach Ratio Meter, Model 18900, Beta 586	PTU	EPA 180.1
ISE	Thermo Orion Research EA940 Beta 585	PTU	LSS-B0025, rev.0

PTU is calibrated daily, prior to use
ANU is calibrated annually, due date available by request

Reviewed By: T. D. Smith

Date: Jan 24, 2002

T D. Smith