FENOC
FirstEnergy Nuclear Operating Company

Perry Nuclear Power Plant
10 Center Road
Perry, Ohio 44081

William R. Kanda
Vice President - Nuclear

440-280-5579
Fax: 440-280-8029

September 25, 2003
PY-CEI/OEPA-0406L

Ohio Environmental Protection Agency
Division of Surface Water
Permit Administration Section
P.O. Box 1049
Columbus, Ohio 43216-1049

Ladies and Gentlemen:

Enclosed is the signed consent to the proposed minor modification of Ohio EPA Permit No. 3IB00016*GD and the referenced pages.

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

Very truly yours,

Enclosures

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

C001

OhioEPA
State of Ohio Environmental Protection Agency

STREET ADDRESS:
Lazarus Government Center
122 S. Front Street
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

September 5, 2003

Re: Ohio EPA Permit No. 3IB00016*GD

Cleveland Electric Illuminating Company
Perry Nuclear Power Plant
10 Center Road
Perry, Ohio 44081

Ladies and Gentlemen:

We propose to make to following minor modifications to the above referenced permit.

Page	Correction
4	Change measuring frequency from "1/Day" to "When Discharging" for Total Residual Oxidents (reporting code 34044), Chlorine, Free Available (reporting code 50064), and Bromination Duration/Chlorination (reporting code 78739).
6	Change measuring frequency from "1/Day" to "When Discharging" for Total Residual Oxidents (reporting code 34044), Chlorine, Free Available (reporting code 50064), and Bromination Duration/Chlorination (reporting code 78739).

If you consent to these changes, please sign below and incorporate the corrected pages into your permit. The proposed minor modifications will become effective on the date we receive this signed letter from you at the following address: Ohio Environmental Protection Agency, Division of Surface Water, Permit Administration Section, P. O. Box 1049, Columbus, Ohio 43266-0149.

Sincerely,

Patti L. Smith

Patti L. Smith, Supervisor
Permit Processing Unit
Division of Surface Water

PLS/dks

Enclosure

CERTIFIED MAIL

I consent to the minor modification.

[signature] — Name

Vice President - Perry Nuclear — Title

9/25/2003 — Date

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning 24 months the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 3IB00016004. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 004 - Final

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00011 - Water Temperature - F	-	-	-	-	-	-	-	1/Day	Continuous	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	2/Week	Grab	All
01119 - Copper, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Month	Grab	All
34044 - Oxidants, Total Residual - mg/l	0.05	-	-	-	-	-	-	When Disch.	Grab	All
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	Continuous	All
50060 - Chlorine, Total Residual - mg/l	0.2	-	-	-	-	-	-	When Disch.	Grab	All
78739 - Chlorination/Bromination Duration - Minutes	120	-	-	-	-	-	-	When Disch.	Total	All

Notes for Station Number 3IB00016004:

* The Total Residual Chlorine (TRC) and Total Residual Oxidants (TRO) limits are the maximum allowed at the outfall at any time. Analyses are to be performed by amperometric titration, Orion Residual Chlorine Electrode, or other approved methods during chlorination and /or bromination. The daily grab samples for TRC and TRO shall represent the maximum concentration discharged during chlorination and/or bromination.

** Measure TRO, TRC and Cl/Br duration on days when using treatment.

*** Grab sample for TRO and TRC will be taken during treatment event.

****Total Residual Chlorine or Total Residual Oxidants may not be discharged from any single generating unit for more than 2 hours per day.

(1) Total Residual Oxidants reflects the use of bromine compounds. Bromine can be used separately or in combination with chlorine. These limits are effective when bromine is used. Discharge limitations for TRO may be met using a dehalogenation agent, if necessary. Dehalogenation shall be achieved by using stoichiometric calculations to determine the amount of dehalogenating agent necessary to completely eliminate the residual.

Part I, A. - INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until 24 months after the effective date , the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 3IB00016004. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 004 - Interim

Effluent Characteristic	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day					
Parameter	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly	Measuring Frequency	Sampling Type	Monitoring Months
00011 - Water Temperature - F	-	-	-	-	-	-	-	1/Day	Grab	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	2/Week	Grab	All
01119 - Copper, Total Recoverable - ug/l	-	-	-	-	-	-	-	1/Month	Grab	All
34044 - Oxidants, Total Residual - mg/l	0.05	-	-	-	-	-	-	When Disch.	Grab	All
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	Continuous	All
50064 - Chlorine, Free Available - mg/l	0.5	-	-	0.2	-	-	-	When Disch.	Grab	All
78739 - Chlorination/Bromination Duration - Minutes	120	-	-	-	-	-	-	When Disch.	Total	All

Notes for Station Number 3IB00016004:

* The Free Available Chlorine (FAC) and Total Residual Oxidants (TRO) limits are the maximum allowed at the outfall at any time. Analyses are to be performed by amperometric titration, Orion Residual Chlorine Electrode, or other approved methods during chlorination and /or bromination. The daily grab samples for FAC and TRO shall represent the maximum concentration discharged during chlorination and/or bromination.

** Measure TRO, FAC and Cl/Br duration on days when using treatment.

*** Grab sample for TRO and FAC will be taken during treatment event.

****Free Available Chlorine or Total Residual Oxidants may not be discharged from any single generating unit for more than 2 hours per day.

(1) Total Residual Oxidants reflects the use of bromine compounds. Bromine can be used separately or in combination with chlorine. These limits are effective when bromine is used. Discharge limitations for TRO may be met using a dehalogenation agent, if necessary. Dehalogenation shall be achieved by using stoichiometric calculations to determine the amount of dehalogenating agent necessary to completely eliminate the residual.