



South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station.
P.O. Box 88
Jenkinsville, SC 29065
(803) 345-5209
(803) 634-2011

April R. Rice
Manager, Nuclear Licensing &
Operating Experience

April 16, 1997
RC-97-0077

Ms. Sandra L. Hursey
Environmental Quality Manager
Enforcement Section
Bureau of Water
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, SC 29201-1708

Dear Ms. Hursey:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
NPDES PERMIT NO. SC0030856
RESPONSE TO NOTICE OF VIOLATION (EPA 970001)

This letter is in response to a Notice of Violation received from your office dated April 10, 1997. The Notice of Violation was issued due to Outfall 014 exceeding the permitted limit for copper. A review of the data has revealed that the value of <0.10 for the daily average and the daily maximum was incorrect. The value should have been <0.010 . Enclosed is a corrected discharge monitoring report for the February 1997 monitoring period for Outfall 014.

We apologize for any inconvenience that this may have caused your office. If you should require any additional information, please call Ms. Susan B. Reese at 345-4591.

Very truly yours,

April R. Rice

SBR:sbr
Enclosure

c: W. F. Bacon
G. A. Montondo
J. W. Preston
File (809.02-17)

R. J. White
RTS (EPA 970001)
DMS (RC-97-0077)

NUCLEAR EXCELLENCE - A SUMMER TRADITION!

NAME SCE&G / SUMMER NUCLEAR STATION
ADDRESS P.O. BOX 88
Jenkinsville, SC 29065

 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

 SC0030856
PERMIT NUMBER

 014 1
DISCHARGE NUMBER

MAJOR

 FACILITY SCE&G / SUMMER NUCLEAR STATION
LOCATION HIGHWAY 215

 MONITORING PERIOD
FROM YEAR 97 MO 02 DAY 01 TO YEAR 97 MO 02 DAY 28
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

 39 CM FINAL LIMITS
DMR VALID: 12 / 01 / 1995 - 09 / 30 / 1997
NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)			
00300 LAB ID: 20001 Dissolved Oxygen	SAMPLE MEASUREMENT	*****	*****	*****	10.5	*****	*****	MG/L	0	01/30	GR
MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	1.0 INST MIN	*****	*****	MG/L		01/30	GR
00400 LAB ID: 20001 pH	SAMPLE MEASUREMENT	*****	*****	*****	7.4	*****	7.4	SU	0	01/30	GR
Standard Units MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	8.5 MAXIMUM	SU		01/30	GR
00610 LAB ID: 20001 Ammonia - Nitrogen	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.17	0.17	MG/L	0	01/30	GR
Total as N MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	*****	2.1 MO AVG	4.2 DAILY MX	MG/L		01/30	GR
01042 LAB ID: 20001 Copper, Total as Cu	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.010	<0.010	MG/L	0	01/30	GR
MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	*****	0.028 MO AVG	0.039 DAILY MX	MG/L		01/30	GR
01092 LAB ID: 20001 Zinc, Total	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.006	0.006	MG/L	0	01/30	GR
MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	*****	0.059 MO AVG	0.065 DAILY MX	MG/L		01/30	GR
50050 LAB ID: 20001 Flow in Conduit	SAMPLE MEASUREMENT	0.172000	(1) 1.57	MGD	*****	*****	*****	*****	0	(2)	CN
MLOC=1	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****		99/99	CN
50060 LAB ID: 20001 Total Residual Chlorine	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.10	<0.10	MG/L	0	01/30	GR
MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	*****	0.1 MO AVG	0.1 DAILY MX	MG/L		01/30	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and / or maximum imprisonment of between 6 months and 5 years.)				Walter F. Bacon		TELEPHONE		DATE	
Gary J. Taylor Vice President, Nuclear Operations						W. F. Bacon		803 345-4156		97 4 15	
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE		NUMBER	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NOTE: SAMPLES TAKEN AT FOLLOWING LOCATIONS - SEE PARA. A. 3.

(1) Very heavy rainfall on 2/28

(2) See attached explanation

COMMENTS AND EXPLANATIONS

- (2) On February 5, 1997, the flow meter and recorder for Outfall 014 discharge was taken out of service for a system upgrade. After the old system was taken out of service it was discovered that the cable had been cut too short for the new flow meter. The new flow meter was calibrated to a certain length of cable. The new system was returned to the vendor for recalibration. The old system could not be re-installed. On February 27, 1997, the new system was installed. The flow data for Outfall 014 for the month of February was calculated using the available data.



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ADDRESS P.O. BOX 88
Jenkinsville, SC 29065

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

SC0030856

014 1

MAJOR

PERMIT NUMBER

DISCHARGE NUMBER

 FACILITY SCE&G / SUMMER NUCLEAR STATION
LOCATION HIGHWAY 215

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	02	01	97	02	28
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

 39 CM FINAL LIMITS
DMR VALID: 12 / 01 / 1995 - 09 / 30 / 1997
NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00300 LAB ID: 20001 Dissolved Oxygen	SAMPLE MEASUREMENT	*****	*****	*****	10.5	*****	*****	MG/L	0	01/30	GR
MLOC=1	PERMIT REQUIREMENT	*****	*****	*****	1.0 INST MIN	*****	*****	MG/L		01/30	GR
00400 LAB ID: 20001 pH	SAMPLE MEASUREMENT	*****	*****	*****	7.4	*****	7.4	SU	0	01/30	GR
Standard Units	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	8.5 MAXIMUM	SU		01/30	GR
MLOC=1											
00610 LAB ID: 20001 Ammonia - Nitrogen	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.17	0.17	MG/L	0	01/30	GR
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MLOC=1											
01092 LAB ID: 20001 Zinc, Total	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.006	0.006	MG/L	0	01/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.059 MO AVG	0.065 DAILY MX	MG/L		01/30	GR
MLOC=1											
50050 LAB ID: 20001 Flow in Conduit	SAMPLE MEASUREMENT	0.172000	(1) 1.57	MGD	*****	*****	*****	*****	0	(2)	CN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****		99/99	CN
MLOC=1											
50060 LAB ID: 20001 Total Residual Chlorine	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.10	<0.10	MG/L	0	01/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.1 MO AVG	0.1 DAILY MX	MG/L		01/30	GR
MLOC=1											
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TYPED OR PRINTED						803		345-4156		97 4 15	

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