

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,

Gril GCiu April R. Rice

SBR:sbr Enclosure

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

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)			NATIO D	Form Approved. OMB No. 2040-0004									
VAME SCE&G / SUMMER NUCLEAR STATION				(2-16)	<u>a - 1</u>	r	(17-19)			Appro	val expires	05-31-98	
				<u>SC0030856</u> 014 1					MAJOR				
Jenkinsville, SC	29065			RMIT NUMBE		L	HARGE NUMBER			•			
		OTATION			MONITORING PI								
FACILITY SCE&G / SUMMER NUCLEAR STATION			YEAR			AR	MO DAY	39 CI		IAL LI			
LOCATION HIGHWAY 215			FROM 97 (20-21)		01 то <u>97</u> 4-25) (26-27)		02 28 28 28-29) (30-31)			/ 1995 - 09 / 30 / 1997 efore completing this form.			
<u> </u>		(3 Card Only)	QUANTITY OR LOA		(4-25) (26) (4 Card Only)		28-29) (30-31) JALITY OR CONCEI		instructions b	etore co	mpleting th	<u>is torm.</u>	
PARAMETER	(46-53)		(54-61)		(38-45)		(46-53)	(54-61)		NO.	FREQUENC		
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM		AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS (64-68)	TYPE	
00300 LAB ID: 20001										(62-63)		(69-70)	
	SAMPLE	*****	******		10.5		*****	*****			0.1.10.0	0.7	
Dissolved Oxygen	MEASUREMENT	*****	*********	-			*******	**********	*** MG/L	0	01/30	GR	
MI 00-1	PERMIT	*****	********		1.0	1994 A 1897 A	******	************	8				
MLOC=1	REQUIREMENT	******	******		INST MIN		******	*****	🗰 MG/L		01/30	GR	
00400 LAB ID: <u>20001</u>	SAMPLE	*****	********				******	, 		_			
pH	MEASUREMENT	****	*********	-	7.4		*****	7.4	SU	0	01/30	GR	
Standard Units	PERMIT	*****	******		6.0	- S. C. 1964	******	8.5	1947 197				
MLOC=1	REQUIREMENT	****	*****		MINIMUN		*****	MAXIMUM	SU		01/30	GR	
00610 LAB ID: <u>20001</u>	SAMPLE	*****	*******	* ******	********			^ 					
Ammonia - Nitrogen	MEASUREMENT	****	******	-	********		0.17	0.17	MG/L	0	01/30	GR	
Total as N	PERMIT	*******	******		******		2,1	4.2					
MLOC-1	REQUIREMENT	****	******		*****		MOAVG	DAILY MX	MG/L		01/30	GR	
01042 LAB ID: 20001	SAMPLE	*****	**********		******		.0.010	-0.010		0			
Copper, Total as Cu	MEASUREMENT	*****		-	*****		< 0.010	< 0.010	MG/L	0	01/30	GR	
NI 00-1	PERMIT	*******	******		******		0.028	0.039	31 S 4		出现的	GR	
MLOC=1	REQUIREMENT	****	******		*******		MOAVG	DAILY MX	MG/L	<u></u>	01/30	GR	
01092 LAB ID: <u>20001</u>	SAMPLE	*****	********	1	*******	-	0.000	0.000		0			
Zinc, Total	MEASUREMENT		*****	-	********	<u> </u>	0.006	0.006	MG/L	0	01/30	GR	
MLOC=1	PERMIT	****	*******		******		0.059	0.065			01/30	GR	
50050 LAB ID: 20001	REQUIREMENT	*****	******	* ******	*****		MOAVG	DAILY MX	MG/L		01/30	目職 GR 開新	
Flow in Conduit	SAMPLE MEASUREMENT	0.172000	(1) 1.57	MOD	******		********	*******			(0)		
	PERMIT	REPORT	(1) 1.57	MGD	*******		****	******	** *****		(2)	CN	
MLOC=1	REQUIREMENT			HOD	********	(1) 1 (1) 1 (1)	***************************************	·*************					
50060 LAB ID: 20001	SAMPLE	***********	DAILY MX	MGD	****		*******	****	** *****	*	, 99/99	CN	
Total Residual	MEASUREMENT				******		-0.10	-0.10	NGA		01/00		
Chlorine	PERMIT	**********	*****	-	******		<0.10	<0.10	MG/L	0	01/30	GR	
MLOC=1		******	*************************************		**************************************		0.1	0.1		14		GR	
NAME/TITLE PRINCIPAL EXECUTIVE		ERTIFY UNDER PENALTY				***	MO AVG Walter F. Baco	DAILY MX					
		FAMILIAR WITH THE INFO				1	Waller F. Daco	"	TELEPHON		⁻	ATE	
Gary J. Taylor INFORMATION, I BELIEVE TH		NLS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE E SUBMITTED INFORMATION IS TRUE, ACCURATE AND T THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING			D.	I. frencher		345-4	156	97	415		
·	FAI	LSE INFORMATION, INCLU	DING THE POSSIBILITY	OF FINE AND IM	PRISONMENT.		• • • • • • • • • • • • • • • • • • • •	 			┞ ╸╴ - ┨-━		
		S.C. § 1319. (Penalties under these statutes may include SIGN/				NATURE OF PRINCIPAL EXECUTIVE AREA FFICER OR AUTHORIZED AGENT CODE			BER	YEAR	MO DAY		
I YPED OR PRINTED fines up to \$10,000 and / or maxii COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments I			nual enprisonment of be here)	xween o months a	na 5 years)		URK OK AUTHORIZ	ED AGENT CO			<u> </u>		
						(1) Ve	ery heavy rainfal	ll on 2/28					
NOTE: SAMPLES TAKEN AT FOI	LLOWING LOC	ATIONS - SEE PA	RA. A. 3.			,							

(2) See attached explanation

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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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NUCLEAR EXCELLENCE - A SUMMER TRADITION!

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)					NAL POLLUTA						Form /	Approved.	004	N	
NAME SCE&G / SUMMER NUCLEAR STATION			DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)						OMB No. 2040-0004 Approval expires 05-31-98					3	
ADDRESS P.O. BOX 88				SC0030856				014	1] MAJOR					1
Jenkinsville, SC 29065					RMIT NUMBE				ISCHARGE NUMBER			•			
			•		N	ONITORIN	3 PERIC)D]					
FACILITY SCE&G / SUMME	R NUCLEAR	STATION	•	YEAR		DAY	YEAR	MO	DAY	1 39 C	M FIN	IAL LIN	NITS		
LOCATION HIGHWAY 215			FROM	97	02 0	01 то	97	02	28		ID: 12/01			/ 1997	
			·	(20-21)	(22-23) (2	4-25)	(26-27)	(28-29)	(30-31)	NOTE: Read	Instructions b				_ _
PARAMETER	\sim	(3 Card Only) Q (46-53)		ORLOA	DING	(4 Card Only)		QUALITY OR CONCENTRATION (46-53) (54-6							
(32-37)	$ $ \times		(54-		<u> </u>	(38-45)				T		NO. EX	FREQUENCY OF	SAMPLE TYPE	
	ert \searrow	AVERAGE	MAXIMUM		UNITS	MINIMUM		AVERAGE		MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70	n
00300 LAB ID: 20001	SAMPLE	*****	****	*****	*****			*****	*****	*******	***	102-007	107-00/	103-71	<u>"</u>
Dissolved Oxygen	MEASUREMENT	****	****	*****	******	10.	5	*****	******	******	*** MG/L	0	01/30	GR	
	PERMIT	****	*****	*****	*****	1.) , t _{i pot} i	*****	****	*******	***	Particular	nie sta	i dhulla te	- Rest
MLOC=1	REQUIREMENT	******	*****	*****	*****	INST	MIN	*****	*****	*****	*** MG/L		01/30	GR	109 A
00400 LAB ID: 20001	SAMPLE	******	*****	*****	*****			*****	*****						
рН	MEASUREMENT	****	*****	*****	*****	7.4	1	*****	******	7.4	SU	0	01/30	GR	L
Standard Units	PERMIT	*****	****	*****	******	6.0) <u>k est</u>	*****	*****	8.5	4 <u>8</u>		A Statistica		
MLOC=1	REQUIREMENT	*****	*****	*****	******	MININ	IUM 📄	*****	****	MAXIMUM	SU		01/30	GR	
00610 LAB ID: 20001	SAMPLE	****	****	*****	******	******	*****					1			
Ammonia - Nitrogen	MEASUREMENT	*****	*****	*****	*****	*****	*****	0.		0.17	MG/L	_0	01/30	GR	
Total as N	PERMIT	*****	*****	*****	*****	*****	*****	1 1 1 1 1 1 L 1 1 L	.1	4.2		446.4	aarmen	Aller Aller Aller Aller Aller Aller	<u>í 191</u>
MLOC-1	REQUIREMENT	*****	*****	*****	******	******	*****	MO	AVG	DAILY MX	MG/L		01/30	GR	
01042 LAB ID: 20001	SAMPLE	*****	*****	*****	******	******	*****					Т		T	
Copper, Total as Cu	MEASUREMENT	*****	****	*****	******	*****	******		<u>010</u>	< 0.010	MG/L	0	01/30	GR	
	PERMIT	****	*****	*****	******	******	*****			0,039			A A ARAD		
MLOC=1	REQUIREMENT	****	*****	*****	*****	******	*****	MO	AVG	DAILY MX	MG/L		01/30	GR	
01092 LAB ID: 20001	SAMPLE	******	*****	*****	******	******	******					T_			
Zinc, Total	MEASUREMENT	*****	*****		*****	******)06	0.006	MG/L	0	01/30	GR	<u> </u>
	PERMIT	****	*****		******	*****	4	0.0		0.065	المؤدد وفرر	制家			
MLOC=1 50050 LAB ID: 20001	A Street St	****	*****	*****	******	*****			AVG	DAILY, MX		1.2144	01/30	GR	ALL
50050 LAB ID: <u>20001</u> Flow in Conduit	SAMPLE MEASUREMENT	0.172000	(1) 1	57	MOD	*****		1	******	*******					
	PERMIT	REPORT	(1) 1 REPO		MGD	*****			******	********			(2)	CN	
MLOC=1	REQUIREMENT	MOAVG	DAIL	1.11. 1.1. 2.1.	HOD	*****	2	desta di La Color	*****	*********	2 C A	19 15 189		CN	
50060 LAB ID: 20001	SAMPLE	*******	*****		MGD	*****		*****	******	*********	*** *****	* <u>1</u> -3100	99/99	U CN	
Total Residual	MEASUREMENT	*****	*****		******			~0	.10	<0.10	MG/L	0	01/30	GR	
Chlorine	PERMIT	*****	*****		*****	******			<u>.iv</u> Listaide						
MLOC=1	REQUIREMENT	化自体感情的 经企会法		and set in a		******	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		AVG	U.1 DAILY MX			01/30	CP	
NAME/TITLE PRINCIPAL EXECUTIVE		ERTIFY UNDER PENALTY							alter F. Baco		TELEPHON	F		ATE	
		FAMILIAR WITH THE INFO						1-1							
Gary J. Taylor INQUIRY OF THOSE INDIVIDUAL INFORMATION, I BELIEVE THE							6	I.tre	I her	~ la	03 345-4	156	00	1,	5
Vice President, Nuclear Operations COMPLETE. I AM AWARE THAT		SUBMITTED INFORMATION IS TRUE, ACCURATE AND					[°]	00 040-4	100	97	41.	<u>י</u> ן י			
		SE INFORMATION, INCLU													
TYPED OR PRINTED fines up to \$10,000 and / or maxim			mum imprison	C. § 1319. (Penakties under these statutes may include im imprisonment of between 6 months and 5 years) OFFICER OR AUTHOR							REA NUMI	SEK	YEAR	мори	AY
COMMENT AND EXPLANATION OF ANY	VIOLATIONS (Refe	rence all attachments i	here)										Ll		
							(1)	Verv hea	vv rainfa	all on 2/28					

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