

Westinghouse Proprietary Class 2

R2/E67

5



**Westinghouse**

Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, South Carolina 29250  
USA

U.S. Nuclear Regulatory Commission  
ATTN: Mr. William Gloerson  
Atlanta Federal Center  
61 Forsyth Street  
Atlanta, Georgia 30303

Direct tel: 803-647-1000  
Direct fax: 803-695-3964  
e-mail: [fischere@westinghouse.com](mailto:fischere@westinghouse.com)

Your ref:  
Our ref: LTR-RAC-03-039

Date: August 29, 2003

Dear Mr. Gloerson:

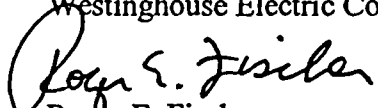
RE: NRC License SNM 1107 (70-1151)  
Reporting SC-DHEC NPDES Permit # SC001848  
Notice of Exceedance

Attached with this report is the Discharge Monitoring Report (DMR) sent to South Carolina Department of Health and Environmental Control documenting an exceedance of our NPDES Permit limitations for the month of July 2003 as reported in our discharge monitoring report on 8/25/2003. The BOD5 parameter slightly exceeded the permit Daily Average and Daily Maximum limit for the month of July 2003. All BOD5 results since that date have met permit limitations.

If you have any questions concerning this report, please contact me at (803) 647-3671.

Sincerely,

Westinghouse Electric Company

  
Roger E. Fischer  
Senior Engineer  
Environment Health & Safety

L-8

Westinghouse Proprietary Class 2



**Westinghouse**

Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, South Carolina 29250  
USA

South Carolina Department of Health  
And Environmental Control  
ATTN: Compliance Assurance Division  
Bureau of Water  
2600 Bull Street  
Columbia, South Carolina 29201

Direct tel: 803-647-1000

Direct fax: 803-695-3964  
e-mail: [Fischere@westinghouse.com](mailto:Fischere@westinghouse.com)  
Our ref: LTR-EHS-03-244

August 25, 2003

Dear Sirs:

RE: NPDES Permit #SC0001848

The enclosed Discharge Monitoring Report is submitted to fulfill the NPDES summary reporting requirements. This monthly summary covers the monitoring period from July 1, 2003 through July 31, 2003. All results were within NPDES permit limits with the exception of the BOD5 parameter analysis on July 31, 2003 of 36 mg/l resulting in 58.2 pounds of BOD5 discharge which exceeded the daily average limit of 50 #/day. Also the monthly average exceeded the monthly maximum limit of 25 #/d. BOD5 results received since this date have met permit limits.

The event is related to the excess rainfall affecting the waste treatment operations in July and resulting in discharges which have typically exceeded our normal average by approximately 30,000 gallons/day. No single BOD5 concentration exceeded 36 mg/l, and the BOD5 concentration averaged 22 mg/l for July.

If you have any questions regarding the enclosed report, please contact Mr. Roger E. Fischer, Environment Health & Safety, at (803) 647-3671.

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY

  
Mark W. Fecteau, Manager  
Columbia Plant

Discharge Monitoring Report (DMR)

MAJOR

OMB No. 2040-0094  
Approval expires 05-31-98

NAME WESTINGHOUSE ELEC LLC/COLUMBIA  
ADDRESS P.O. Drawer R.  
Columbia, SC 29250  
FACILITY WESTINGHOUSE ELEC LLC/COLUMBIA  
LOCATION 5801 BLUFF RD

(2-16)	(17-19)
SC0001848	001 1
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
FROM	TO
YEAR MO DAY	YEAR MO DAY
2003 07 01	2003 07 31
(20-21) (22-23) (24-26)	(20-21) (22-23) (24-26)

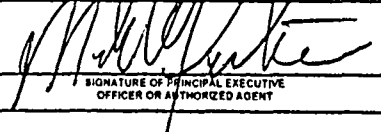
79 CM FINAL LIMITS  
DMR VALID: 07/01/1999-06/30/2004

NOTE: Read instructions before completing this form

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (72-73)	FREQUENCY OF ANALYSIS (65-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00300 LAB ID: 40561 Dissolved Oxygen MLOC=1	SAMPLE MEASUREMENT	*****	*****	****	7.8	*****	*****	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	****	INST. MIN.	*****	*****		01/07	GR
00310 LAB ID: 32010 BOD - 5 Day (20 Degree C) MLOC=1	SAMPLE MEASUREMENT	30.3	58.7		*****	*****	*****	0	01/07	24
	PERMIT REQUIREMENT	25.0 MO AVG	50.0 DAILY MX	LBS/DAY	*****	*****	*****		01/07	24
00400 LAB ID: 40561 pH Standard Units MLOC=P	SAMPLE MEASUREMENT	*****	*****	****	6.1	*****	8.9	0	01/01	RC
	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU	01/01	RC
00530 LAB ID: 32010 Total Suspended Solids (TTS) MLOC=1	SAMPLE MEASUREMENT	7.4	11.9		*****	*****	*****	0	01/07	24
	PERMIT REQUIREMENT	32.0 MO AVG	64.0 DAILY MX	LBS/DAY	*****	*****	*****		01/07	24
00610 LAB ID: 40561 Ammonia - Nitrogen Totals as N MLOC=1	SAMPLE MEASUREMENT	10.6	24.6		*****	*****	*****	0	01/07	24
	PERMIT REQUIREMENT	50.0 MO AVG	100.0 DAILY MX	LBS/DAY	*****	*****	*****		01/07	24
00951 LAB ID: 40561 Fluoride, Total MLOC=1	SAMPLE MEASUREMENT	10.2	16.6		*****	*****	*****	0	01/01	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DAY	*****	*****	*****		02/30	24
50050 LAB ID: 40561 Flow in Conduit MLOC=1	SAMPLE MEASUREMENT	0.1506	0.2157		*****	*****	*****	0	01/01	CN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****		01/01	CN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Mark W. Fecteau  
Plant Manager  
TYPED OR PRINTED

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. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE  
803 776-2610 2003 08 25  
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS (Reference all attachments here)  
MLOC=P - ALLOWABLE PH IS 6.0 - 9.0

Discharge Monitoring Report (DMR)

MAJOR

OMB No. 2040-0004

Approval expires 05-31-98

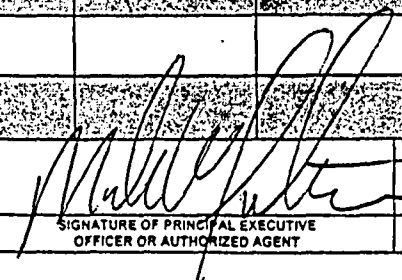
NAME WESTINGHOUSE ELEC LLC/COLUMBIA  
 ADDRESS P.O. Drawer R.  
 Columbia, SC 29250  
 FACILITY WESTINGHOUSE ELEC LLC/COLUMBIA  
 LOCATION 5801 BLUFF RD

(2-16)			(17-19)				
SC0001848			001 1				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2003	07	01		2003	07	31
	(20-21)	(22-23)	(24-26)		(20-21)	(22-23)	(24-26)

79 CM FINAL LIMITS  
 DMR VALID: 07/01/1999-06/30/2004

NOTE: Read instructions before completing this form

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (67-69)	FREQUENCY OF ANALYSIS (65-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
50060 LAB ID: 40561 Total Residual Chlorine MLOC-1	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.1	MG/L	01/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	170 DAILY MX			
72107 LAB ID: 40561 Length of Longest pH Excursion MLOC=P	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	MIN-UP ES	01/01	RC
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	60 MAXIMUM			
72108 LAB ID: 40561 % of Time Exceeding PH Limits MLOC=P	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	PER-CENT	01/01	RC
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1 MAXIMUM			
74055 LAB ID: 32010 Fecal Coliform General MLOC=1	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	2.0	# PER 100ML	01/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	200-300 DAV GEO, 400 DAILY MX			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mark W. Fecteau Plant Manager TYPED OR PRINTED	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. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			803	776-2610	2003	08	25

COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS (Reference all attachments here)  
 MLOC=P - ALLOWABLE PH IS 6.0 - 9.0