



**Westinghouse  
Electric Company LLC**

**Commercial Nuclear  
Fuel Division**

Drawer R  
Columbia South Carolina 29250  
(803) 647 1000

REF-REO-99-027

November 24, 1999

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Bill Gloerson  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Suite 23T85  
Atlanta, Georgia 30303-3415

Dear Mr. Gloerson:

RE: NRC License SNM 1107 (70-1151)  
Reporting SCDHEC NPDES Permit #SC0001848  
Notice of Exceedance Verified 11/22/99 (10-14-99)

Attached with this letter is a copy of our report to South Carolina Department of Health and Environmental Control regarding an exceedance in our NPDES Permit Program. We have initiated a comprehensive review of the event and an action plan to prevent recurrence of the situation.

If you need any additional information, please contact me at (803) 776-2610, Extension 3671.

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY

Roger E. Fischer  
Senior Engineer  
Environment, Health & Safety

PDZ ADD CK 07001151

IE07



**Westinghouse  
Electric Company LLC**

**Commercial Nuclear  
Fuel Division**

Drawer R  
Columbia South Carolina 29250  
(803) 647 1000

REO-REF-99-026

November 22, 1999

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

Dear Sirs:

RE: NPDES Permit #SC0001848  
DMR Results 10/99

The enclosed Discharge Monitoring Report is submitted to fulfill the NPDES summary reporting requirements. This monthly summary covers the monitoring period from October 1, 1999 through October 31, 1999. All results were within NPDES permit limits with the exception of the BOD5 parameter Daily Maximum on 10-14-99 (48.8mg/l) equal to 55.4 # BOD5/day (versus a limit of 50 #/day) and the Monthly Average BOD5 result of 25.4 #/day, versus a limit of 25 #/day). BOD5 results for sampling dates since 10/14/99 have met permit limitations.

Westinghouse regrets the occurrence of this situation and has begun an evaluation of the various inputs to the final discharge stream to determine the source of the BOD5 exceedance. Currently, we have not identified a source of elevated BOD5. We remain committed to full compliance with NPDES Permit requirements.

If you have any questions concerning the enclosed report and exceedance, please contact Mr. Roger E. Fischer, Environment, Health & Safety, at (803) 776-2610, Extension 3671.

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY

Jack B. Allen, Manager  
Columbia Plant

Enclosure

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME WESTINGHOUSE ELEC LLC/COLUMBIA  
ADDRESS P. O. Drawer R  
Columbia, SC 29250

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-18) (17-19)

SC0001848  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MAJOR


Form Approved.  
OMB No. 2040-0004  
Approval expires 05-31-98

FACILITY WESTINGHOUSE ELEC LLC/COLUMBIA  
LOCATION 5801 BLUFF RD

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	10	01	99	10	31
(20-21) (22-23) (24-25)			(26-27) (28-29) (30-31)		

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 (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00300 LAB ID: 40561 Dissolved Oxygen	SAMPLE MEASUREMENT	*****	*****	*****	8.7	*****	*****	*****	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	1.0 INST MIN	*****	*****	*****		01/07	GR
4LOC=1								MG/L			
00310 LAB ID: 32010 BOD - 5 Day (20 Degrees C)	SAMPLE MEASUREMENT	25.4	55.4		*****	*****	*****	*****	1	06/30	24
	PERMIT REQUIREMENT	25.0 MO AVG	50.0 DAILY MX	LBS/ DAY	*****	*****	*****	*****		01/07	24
4LOC=1											
00400 LAB ID: 40561 pH	SAMPLE MEASUREMENT	*****	*****	*****	6.1	*****	8.9		0	01/01	RC
Standard Units	PERMIT REQUIREMENT	*****	*****	*****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		01/01	RC
4LOC=P											
00530 LAB ID: 32010 Total Suspended Solids (TSS)	SAMPLE MEASUREMENT	24.0	34.1		*****	*****	*****	*****	0	06/30	24
	PERMIT REQUIREMENT	32.0 MO AVG	64.0 DAILY MX	LBS/ DAY	*****	*****	*****	*****		01/07	24
4LOC=1											
00610 LAB ID: 40561 Ammonia-Nitrogen	SAMPLE MEASUREMENT	9.1	27.4		*****	*****	*****	*****	0	01/01	24
Total as N	PERMIT REQUIREMENT	50.0 MO AVG	100.0 DAILY MX	LBS/ DAY	*****	*****	*****	*****		01/07	24
4LOC=1											
00951 LAB ID: 40561 Fluoride, Total	SAMPLE MEASUREMENT	7.4	21.0		*****	*****	*****	*****	0	01/01	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/ DAY	*****	*****	*****	*****		02/30	24
4LOC=1											
00050 LAB ID: 40561 Flow in Conduit	SAMPLE MEASUREMENT	0.0830	0.1492		*****	*****	*****	*****	0	01/01	CN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****		01/01	CN
4LOC=1											

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.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE			
Jack B. Allen Plant Manager			8037762610	99	11	22	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

4LOC=P - ALLOWABLE PH IS 6.0 - 9.0.

MITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)

ME WESTINGHOUSE ELEC LLC/COLUMBIA  
RESS P. O. Drawer R  
Columbia, SC 29250

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DISCHARGE MONITORING REPORT (DMR)  
(2-18) (17-19)

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
0060 LAB ID:40561 otal Residual hlorine LOC=1	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.3		0	01/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 DAILY MX	MG/L		01/30	GR
2107 LAB ID:40561 ength of Longest pH Excursion LOC=P	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0		0	01/01	RC
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	60 MAXIMUM	MIN-UT ES		01/01	RC
2108 LAB ID:40561 of Time Exceeding H Limits LOC=P	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0		0	01/01	RC
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1 MAXIMUM	PER- CENT		01/01	RC
4055 LAB ID:32010 ecal Coliform eneral LOC=1	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.0	2.0		0	03/30	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DAVGEO	400 DAILY MX	# PER 100ML		01/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Jack B. Allen  
Plant Manager

TYPED OR PRINTED

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*Jack B. Allen*  
SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

8037762610

AREA  
CODE

NUMBER

99

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