



Tennessee Valley Authority, Post Office Box 2000, Soddy Daisy, Tennessee 37384-2000

February 17, 2009

State of Tennessee  
Department of Environment and Conservation  
Division of Water Pollution Control  
Enforcement & Compliance Section  
6<sup>th</sup> Floor, L & C Annex  
401 Church Street  
Nashville, Tennessee 37243-1534

Dear Mr. Patrick Cromer:

SEQUOYAH NUCLEAR PLANT (SQN) – NPDES PERMIT NO. TN0026450 -  
CORRECTION TO DISCHARGE MONITORING REPORT FOR DECEMBER 2008

During the review of the Biocide/Corrosion Treatment Plan (B/CTP) it was noted that three total residual chloride analyses had been omitted from the December 2008 Discharge Monitoring Report (DMR). Please see the attached corrected DMR page. It should be noted that the chlorine, total residual maximum value remained the same at 0.032mg/L and the chlorine, total residual average value increased from 0.017mg/L to 0.018 mg/L.

Please contact me at (423) 843-6700 or by email at [sahoward@tva.gov](mailto:sahoward@tva.gov) if you have any questions or need additional information.

Sincerely,

Stephanie A. Howard  
Principal Environmental Engineer  
Signatory Authority for  
Timothy P. Cleary  
Site Vice President  
Sequoyah Nuclear Plant

JE25  
MRR

Enclosure

cc (Enclosure):

Chattanooga Environmental Field Office  
Division of Water Pollution Control  
State Office Building, Suite 550  
540 McCallie Avenue  
Chattanooga, Tennessee 37402-2013

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
 (INTEROFFICE SB-2A)  
**SODDY - DAISY TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

TN0026450 101 G  
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL  
 DIFFUSER DISCHARGE  
 EFFLUENT

MONITORING PERIOD  
 From YEAR 08 MO 12 DAY 01 To YEAR 08 MO 12 DAY 31

\*\*\* NO DISCHARGE  \*\*\*

ATTN: Stephanie A. Howard

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	**	*****	0.018	0.032	19	0	21 / 31	GRAB
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.10 MO AVG	0.10 INST MAX	MG/L		WEEK-DAYS	CALCTD
TEMPERATURE - C, RATE OF CHANGE	SAMPLE MEASUREMENT	*****	1	62	*****	*****		**	0	31 / 31	CALCTD
82234 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2 DAILY MX	DEG C/HR	*****	*****	*****	****		CONTINUOUS	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Timothy P. Cleary  
 Site Vice President  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Stephanie A. Howard*  
 Principal Environmental Engineer  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 423 843-6700  
 DATE 09 02 11  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 The following injections occurred: 1. Biodetergent 73551 (max. calc. conc. was 0.017mg/L--limit 2.0mg/L)