



**Nuclear Fuel Services, Inc.**

P.O. Box 337, MS 123

Erwin, TN 37650

(423) 743-9141

E-Mail :<http://www.atnfs.com>

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

21G-07-0102  
GOV-05-01-01  
ACF-07-0241

August 13, 2007

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

- References:
- 1) Nuclear Fuel Services, Inc. (NFS) NPDES Permit No. TN0002038
  - 2) e-mail from Mr. Brent Lecher, dated 1/31/06 to Joyce Griffith
  - 3) DEEMERs User's Guide, dated 1/06, Section 8.g.i
  - 4) Electronic Reporting System for Submittal of DMRs – "DEEMERs" (letter from C.S. Moran and K. Fowlkes, TDEC to B.M. Moore, NFS), dated June 24, 2002
  - 5) DEEMERs Electronic Application Package (letter from K. Fowlkes and C.S. Moran, TDEC to B.M. Moore, NFS), dated October 25, 2002

Dear Mr. Moran:

As required by Part I, D.1 of NPDES Permit #TN0002038, we hereby submit the Monthly Discharge Monitoring Report (DMR), EPA Form 3320-1, for July 2007. As requested in Reference 2 above, Nuclear Fuel Services, Inc. (NFS) is also electronically submitting the July DMR via the DEEMERs system.

No Waste Water Treatment Facility (WWTF) batches were discharged during this reporting period due to an inoperable filter press.

If you or your staff have any questions, require additional information, or wish to discuss this, please contact me or Ms. Joyce Griffith, Environmental Scientist, at (423) 743-9141. Please reference our unique document identification number (21G-07-0102) in any correspondence concerning this letter.

Sincerely,

**NUCLEAR FUEL SERVICES, INC.**

B. Marie Moore

Vice President, Safety & Regulatory

CAH/lsn

Attachment

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B. Marie Moore to Mr. Christopher S. Moran  
August 13, 2007

21G-07-0102  
GOV-05-01-01  
ACF-07-0241

xc: U.S. Nuclear Regulatory Commission  
Region II, Atlanta Federal Center  
61 Forsyth Street, S. W., Suite 23T85  
Atlanta, GA 30303

Mr. Jeff Horton, Manager  
Johnson City Basin  
TN Division of Water Pollution Control  
2305 Silverdale Road  
Johnson City, TN 37601-2162

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

NAME Nuclear Fuel Services  
 ADDRESS P.O. Box 337  
 MS 123  
 Erwin TN 37650  
 FACILITY Nuclear Fuel Services  
 LOCATION Erwin TN 37650  
 Attn: Ms. B. Marie Moore

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

TN0002038	001 G
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR 06)  
 F - FINAL  
 TREATED PROCESS WASTEWATER EFFLUENT

EMH

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	31

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			Quality or Concentration			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	( 19 )	0	0 / 0	GRAB
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	370	MG/L		ONCE / MONTH	GRAB
EFFLUENT GROSS VALUE				***			DAILY MX				
PH	SAMPLE MEASUREMENT	*****	*****		0.00	*****	0.00	( 12 )	0	0 / 0	GRAB
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	***	6	*****	9	SU		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE				***	MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	0.00	0	( 19 )	0	0 / 0	GRAB
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	30	40	MG/L		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE				***		MO AVG	DAILY MX				
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.0	( 25 )	0	0 / 0	GRAB
00545 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.5	ML/L		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE				***			DAILY MX				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	*****		*****	0.00	0	( 19 )	0	0 / 0	GRAB
00610 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	20	30	MG/L		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE				***		MO AVG	DAILY MX				
NITRITE PLUS NITRATE TOTAL 1 DET. (AS N)	SAMPLE MEASUREMENT	*****	0.00	( 26 )	*****	*****	*****		0	0 / 0	GRAB
00630 1 0 0	PERMIT REQUIREMENT	*****	558	LBS/DY	*****	*****	*****	***		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE			DAILY MX					***			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT	*****	*****		*****	0	0	( 19 )	0	0 / 0	GRAB
00951 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	15	20	MG/L		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE				***		MO AVG	DAILY MX				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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.					TELEPHONE		DATE		
B. M. Moore, Vice President Safety & Regulatory							423   743-9141		07	08	13
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY

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

MON AVG ONLY APPLIES IF MERCURY IS OCCURS FOUR OR MORE DAYS A WEEK. IF ANY INDIVIDUAL ANALYTICAL TEST RESULT FOR MERCURY IS LESS THAN THE MIN (0.0002 MG/L) A VALUE OF ZERO MAY BE USED. THE TRC LIMIT IS ONLY APPLICABLE WHEN CHLORINE IS USED IN THE TREATMENT PROCESS.

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

NAME Nuclear Fuel Services  
 ADDRESS P.O. Box 337  
 MS 123  
 Erwin TN 37650  
 FACILITY Nuclear Fuel Services  
 LOCATION Erwin TN 37650  
 Attn: Ms. B. Marie Moore

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

TN0002038	001 G
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR 06)  
 F - FINAL  
 TREATED PROCESS WASTEWATER EFFLUENT  
 EMH

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	31

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PARAMETER		QUANTITY OR LOADING			Quality or Concentration				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.0000	( 19)	0	01 / 30	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.01	MG/L		ONCE / MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00000	( 19)	0	01 / 30	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0 DAILY MX	MG/L		ONCE / MONTH	GRAB
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00000	( 19)	0	01 / 30	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.1 DAILY MX	MG/L		ONCE / MONTH	GRAB
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00000	( 19)	0	01 / 30	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	0.05	MG/L		ONCE / MONTH	GRAB
URANIUM, NATURAL, TOTAL 22708 1 0 0 GROSS EFFLUENT VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.00	0.00	( 19)	0	0 / 0	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	2 MO AVG	4 DAILY MX	MG/L		ONCE / BATCH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.000000	0.000000	( 03)	*****	*****	*****		0	0 / 0	ESTIMA
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	***		ONCE / BATCH	ESTIMA
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	N/A	( 19)	0	0 / 0	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	2 DAILY MX	MG/L		ONCE / BATCH	GRAB
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B. M. Moore, Vice President Safety & Regulatory							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		423	743-9141	07
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT	*****	*****		*****	0.00000	0.000000		0	0 / 0	GRAB
71900 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	0.00037	0.05	MG/L		ONCE / BATCH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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