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Nuclear Fuel Services, Inc.  
1205 Banner Hill Road  
Erwin, TN 37650

(423) 743-9141

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

21G-99-0014  
GOV-05-01-01  
ACF-99-0023

February 23, 1999

Mr. Sims Crownover  
Compliance and Enforcement Section  
TN Department of Environment and Conservation  
Division of Water Pollution Control  
L&C Annex, 6th Floor  
401 Church Street  
Nashville, Tennessee 37243-1534

Subject: TN STORM WATER MONITORING REPORT

Dear Mr. Crownover:

Attached is the Nuclear Fuel Services, Inc. (NFS) Storm Water Monitoring Report and analytical results for monitoring year January 1, 1998 to December 31, 1998. All values were indicated by the laboratory analyses to be within respective permit conditions, with the exception of aluminum, nitrate as nitrogen and magnesium. Aluminum exceeded the cut-off concentration in the 3<sup>rd</sup> quarter; however, the yearly average was less than the cut-off concentration. Nitrate as nitrogen exceeded the cut-off concentration in the 1<sup>st</sup> and 4<sup>th</sup> quarters, and the average of the four quarters was greater than the cut-off concentration. Magnesium exceeded the cut-off concentration in each quarter, therefore, the yearly average was also exceeded.

As required by the permit, the Johnson City Field Office (Mr. Steve Layne) was notified of the presence of magnesium in stormwater at concentrations greater than the cut-off limit. As discussed with Mr. Layne, NFS believes the source of magnesium in stormwater at concentrations greater than the cut-off limit can be attributed to background levels. A study of magnesium concentrations in groundwater and surface water in the vicinity of the plant site indicates magnesium concentrations ranging from approximately 3 to 10 mg/L. Based on this study, NFS has requested that the cut-off concentration for magnesium be revised to reflect background concentrations.

As required by the permit, unless industrial operations change substantially, NFS will monitor stormwater in the fourth year for nitrate as nitrogen. Monitoring for magnesium in the fourth year is pending TDEC's response to NFS' request.

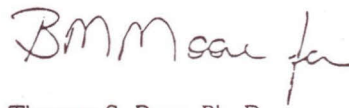
T. S. Baer to Mr. Sims Crownover  
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If you or your staff have any questions, require additional information, or wish to discuss this, please contact me or Ms. Janice Greene, Environmental Safety Manager, at (423) 743-1730. Please reference our unique document identification number (21G-99-0014) in any correspondence concerning this letter.

Sincerely,

NUCLEAR FUEL SERVICES, INC.



Thomas S. Baer, Ph. D.  
Vice President  
Safety & Regulatory

JEG/mfh

Attachment

xc: U. S. Nuclear Regulatory Commission  
Region II, Atlanta Federal Center  
61 Forsyth Street, S.W.  
Suite 23T85  
Atlanta, GA 30323

Mr. Andrew Tolley, Manager  
Johnson City Basin  
TN Division of Water Pollution Control  
900 N. State of Franklin Road  
Johnson City, TN 37604