

RE: 0609-N

February 23, 2006

Mr. Bruce S. Mallet

Regional Administrator Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

RE: License No. SUB-1010; Docket No. 40-8027  
Semi-Annual Effluent Report  
File No. 1.7

Dear Mr. Mallet:

In accordance with the requirements of 10 CFR 40.65, enclosed is Sequoyah Fuels Corporation's Semi-Annual Effluent Report for the second half of 2005.

Should you have any questions concerning this report, please contact me at (918) 489-5511, extension 14.

Sincerely,

  
Craig L. Harlin  
Vice President

CLH

Enclosure

xc: William Kane, Director, ONMSS  
Myron Fliegel, NMSS-LLDR ✓  
Beth Schlapper, Region IV, DNMS

TABLE I  
RADIOACTIVITY IN GASEOUS EFFLUENTS  
LICENSE SUB-1010; DOCKET 40-8027

SECOND HALF 2005

AIRBORNE RELEASES  
ELEVATED AND TOTAL

LOCATION: MAIN PROCESS BUILDING

THIRD QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>
URANIUM (NATURAL)	0.00E+00	0.00E+00
THORIUM - 230	0.00E+00	0.00E+00
RADIUM - 226	0.00E+00	0.00E+00
VOLUME RELEASED (Liters)	<u>0.00E+00</u>	

FOURTH QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>
URANIUM (NATURAL)	0.00E+00	0.00E+00
THORIUM - 230	0.00E+00	0.00E+00
RADIUM - 226	0.00E+00	0.00E+00
VOLUME RELEASED (Liters)	<u>0.00E+00</u>	

NOTE: THERE WERE NO GASEOUS EFFLUENTS THAT REQUIRED MONITORING AT S.F.C. DURING THIS PERIOD

TABLE II  
RADIOACTIVITY IN LIQUID EFFLUENTS  
LICENSE SUB-1010; DOCKET 40-8027

SECOND HALF 2005

LIQUID RELEASES

LOCATION : FACILITY EFFLUENT; CONTINUOUS SAMPLE

THIRD QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	2.44E-03	5.60E-09	1.87
THORIUM - 230	4.08E-05	9.35E-11	0.09
RADIUM - 226	1.26E-04	2.90E-10	0.48
VOLUME RELEASED (Liters)	<u>4.36E+08</u>		

FOURTH QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	1.97E-03	4.84E-09	1.61
THORIUM - 230*	9.34E-05	2.29E-10	0.23
RADIUM - 226	<u>2.16E-04</u>	5.31E-10	0.88
VOLUME RELEASED (Liters)	<u>4.07E+08</u>		

\* Values reported contain less-than values