

**RE: 1615-N**

July 11, 2016

Mark Shaffer  
Deputy Director for Material Security  
U.S. Nuclear Regulatory Commission  
1600 E. Lamar Blvd  
Arlington, Texas 76011-4511

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

Dear Mr. Shaffer:

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 2015.

Should you have any questions concerning this report, please contact me at (918) 489-5511, extension 223.

Sincerely,



Scott C. Munson, Manager  
Environmental

SCM/bt

Enclosure

xc: Ken Kalman, NMSS ✓  
Robert Evans, NRC Region IV

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

**FIRST HALF 2016**

**AIRBORNE RELEASES**  
**ELEVATED AND TOTAL**

LOCATION: MAIN PROCESS BUILDING

FIRST QUARTER

<u>RADIONUCLIDE 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>	

SECOND QUARTER

<u>RADIONUCLIDE 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**

**FIRST HALF 2016**

**LIQUID RELEASES**

LOCATION : OUTFALL 008

FIRST QUARTER

<u>RADIONUCLIDE RELEASED</u>	<u>Ci</u>	<u>µCi/ml</u>	<u>% E C</u>
URANIUM - NATURAL	1.09E-03	5.54E-09	1.85
THORIUM - 230	3.85E-05	1.95E-10	0.20
RADIUM - 226	6.23E-05	3.15E-10	0.53
VOLUME RELEASED (Liters)	<u>1.98E+08</u>		

SECOND QUARTER

<u>RADIONUCLIDE RELEASED</u>	<u>Ci</u>	<u>µCi/ml</u>	<u>% E C</u>
URANIUM - NATURAL	1.35E-04	5.84E-09	1.95
THORIUM - 230	3.42E-06	1.48E-10	0.15
RADIUM - 226	9.85E-06	4.26E-10	0.71
VOLUME RELEASED (Liters)	<u>2.31E+07</u>		