

RE: 1803-N

January 30, 2018

Mark Shaffer  
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 2017.

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**

**SECOND HALF 2017**

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

LOCATION: MAIN PROCESS BUILDING

THIRD 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>	

FOURTH 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**

**SECOND HALF 2017**

**LIQUID RELEASES**

LOCATION : OUTFALL 008

THIRD QUARTER

<u>RADIONUCLIDE RELEASED</u>	<u>Ci</u>	<u>µCi/ml</u>	<u>% E C</u>
URANIUM - NATURAL	3.09E-04	2.41E-09	0.80
THORIUM - 230	4.24E-05	3.31E-10	0.33
RADIUM - 226	1.55E-05	1.21E-10	0.20
VOLUME RELEASED (Liters)	<u>1.28E+08</u>		

FOURTH QUARTER

<u>RADIONUCLIDE RELEASED</u>	<u>Ci</u>	<u>µCi/ml</u>	<u>% E C</u>
URANIUM - NATURAL	3.88E-05	2.32E-09	0.77
THORIUM - 230	1.43E-05	8.53E-10	0.85
RADIUM - 226	2.31E-06	1.38E-10	0.23
VOLUME RELEASED (Liters)	<u>1.67E+07</u>		