



RE: 1524-N

August 4, 2015

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 first 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 ✓

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

FIRST HALF 2015

**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 2015

LIQUID RELEASES

LOCATION : OUTFALL 008

FIRST QUARTER

<u>RADIONUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM - NATURAL	8.18E-05	5.21E-09	1.74
THORIUM - 230	1.23E-05	7.83E-10	0.78
RADIUM - 226	7.69E-07	4.90E-11	0.08
VOLUME RELEASED (Liters)	<u>1.57E+07</u>		

SECOND QUARTER

<u>RADIONUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM - NATURAL	7.32E-04	3.11E-09	1.04
THORIUM - 230	1.17E-04	4.99E-10	0.50
RADIUM - 226	3.52E-05	1.50E-10	0.25
VOLUME RELEASED (Liters)	<u>2.35E+08</u>		