

License SUB-1010
Docket 040-08027



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DNMS

RE: 1106-N

February 17, 2011

Mr. Elmo Collins, Jr.
Regional Administrator Region IV
U.S. Nuclear Regulatory Commission
Texas Health and Resources Tower
612 E. Lamar Blvd, Suite 400
Arlington, Texas 76011-4125

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

Dear Mr. Collins:

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 2010.

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

cc: Ken Kalman, NMSS
Robert Evans, NRC Region IV

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

SECOND HALF 2010

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 2010

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)	5.53E-03	1.32E-08	4.42
THORIUM - 230	1.36E-04	3.25E-10	0.32
RADIUM - 226	9.59E-05	2.30E-10	0.38
VOLUME RELEASED (Liters)	<u>4.17E+08</u>		

FOURTH QUARTER

<u>NUCLIDE RELEASED*</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	3.00E-03	6.14E-09	2.05
THORIUM - 230	6.16E-05	1.26E-10	0.13
RADIUM - 226	1.09E-04	2.24E-10	0.37
VOLUME RELEASED (Liters)	<u>4.89E+08</u>		

* Values reported contain less-than values