SEQUOYAH FUELS
A GENERAL ATOMICS COMPANY

RE: 0632-N

August 24, 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 first half of 2006.

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

FIRST HALF 2006

AIRBORNE RELEASES
ELEVATED AND TOTAL

LOCATION: MAIN PROCESS BUILDING

FIRST QUARTER

NUCLIDE RELEASED	Ci	μCi/ml
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)   0.00E+00

SECOND QUARTER

NUCLIDE RELEASED	Ci	μCi/ml
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)   0.00E+00

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 2006

LIQUID RELEASES

LOCATION : FACILITY EFFLUENT; CONTINUOUS SAMPLE

FIRST QUARTER

NUCLIDE RELEASED	Ci	μCi/ml	% E C
URANIUM (NATURAL)	7.51E-04	1.71E-09	0.57
THORIUM - 230	3.11E-04	7.10E-10	0.71
RADIUM - 226	6.03E-05	1.38E-10	0.23

VOLUME RELEASED (Liters)   4.39E+08

SECOND QUARTER

NUCLIDE RELEASED	Ci	μCi/ml	% E C
URANIUM (NATURAL)	3.22E-03	6.17E-09	2.06
THORIUM - 230	1.79E-04	3.43E-10	0.34
RADIUM - 226*	1.38E-05	2.64E-11	0.04

VOLUME RELEASED (Liters)   5.22E+08

* Values reported contain less-than values