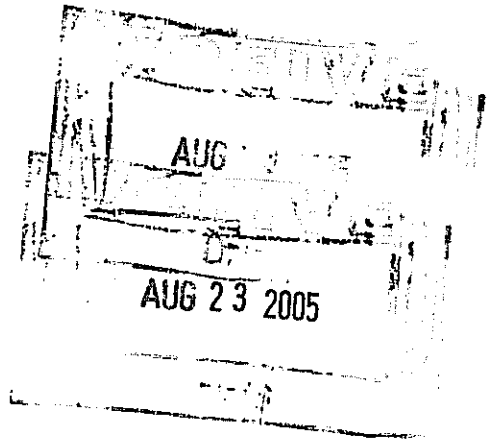
SEQUOYAH FUELS
A GENERAL ATOMICS COMPANY



RE: 0541-N
File No. 1.7

August 17, 2005

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

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 2005.

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

HIGHWAY 10 & I-40 PO BOX 610, GORE, OKLAHOMA 74435 (918) 489-5511 FAX: (918) 489-2291

TABLE I

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

FIRST HALF 2005

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 2005

LIQUID RELEASES

LOCATION : FACILITY EFFLUENT; CONTINUOUS SAMPLE

FIRST QUARTER

NUCLIDE RELEASED	Ci	µCi/ml	% E C
URANIUM (NATURAL)	8.96E-03	1.94E-08	6.47
THORIUM - 230*	6.40E-05	1.39E-10	0.14
RADIUM - 226	5.65E-05	1.22E-10	0.20

VOLUME RELEASED (Liters 4.62E+08

SECOND QUARTER

NUCLIDE RELEASED	Ci	µCi/ml	% E C
URANIUM (NATURAL)	6.04E-03	1.32E-08	4.41
THORIUM - 230*	1.82E-04	3.98E-10	0.40
RADIUM - 226	1.67E-04	3.65E-10	0.61

VOLUME RELEASED (Liters 4.57E+08

* Values reported contain less-than values