SEQUOYAH FUELS
A GENERAL ATOMICS COMPANY

RE: 0509-N

February 11, 2005

U.S. Nuclear Regulatory Commission
ATTN: Mr. Myron Fliegel, Senior Project Manager
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
And Safeguards, NMSS
Two White Flint North
11545 Rockville Pike
Rockville, MD 20852-2738

Subject: Sequoyah Fuels Corporation, Docket – 40-8027
Response to Second Request For Additional Information – Ground Water Monitoring Plan (TAC L52529)

Dear Mike,

On December 30, 2004, Sequoyah Fuels Corporation submitted a response to the remaining 3 items in your second request for additional information (RAI) concerning the proposed Ground Water Monitoring Plan (GWMP). We recently discovered that Tables 1 and 2 of Enclosure 3 are missing in our file copy. Both tables are in our electronic version but were apparently not produced with the document prior to submitting it. I have enclosed both Table 1 and 2 with this letter. Please insert the attached tables between the text and figures of Enclosure 3 of our December 30, 2004 submittal.

If you have any questions please call me at (918) 489-5511, ext. 14

Sincerely,

Craig L. Harlin,
Vice President

XC: Bill Von Till, NRC
Rita Ware, EPA
Alvin Gutterman, MLB
Julian Fite, CN
Jim Barwick, OAG
Saba Tahmassebi, ODEQ

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

Table 1
Field Notes - North Trench

North Investigation Trench - NW Area Investigation (Excavation on September 14 and 15, 2004)

Distance N End, ft	Easting	Northing	Ground	Trench Bottom	Field Observations (depths in feet from ground surface)
0	2836096	197118			
5	2836094	197123	534.77	527.20	0-0.5:Topsoil / 0.5-1:Sandstone / 1-3:Clay & Gravel Mix / 3-7.5:Shale
25	2836087	197142	533.61	525.57	0-1:Top Soil, Gravel / 1-3.5:Clay, some Shale, Gravel / 3.5-8:Shale, some Clay, Gravel
45	2836080	197161	532.36	525.28	
50	2836078	197166			0-3:Gravel and Clay / 3-7:Weathered Shale
75	2836069	197189	530.22	525.01	0-2.5:Top Soil, Gravel, Clay / 2.5-5.5:Clay and Shale
100	2836060	197212	528.65	524.70	0-2.5:Top Soil, Gravel, Clay / 2.5-4:Clay and Shale
125	2836052	197236	526.61	524.28	0-3:Top Soil, Gravel, Clay
150	2836043	197260	525.02	523.68	0-1:Top Soil, Gravel, Clay
169	2836036	197277	523.48	523.20	
172	2836035	197281		521.88	
175	2836034	197283	522.57	521.61	0-1:Broken Sandstone and Soil
178	2836033	197286		521.43	
182	2836032	197290		520.26	
188	2836030	197295		518.32	
195	2836027	197302		513.93	
200	2836026	197307	517.19	512.24	0-0.5:Broken Sandstone, Soil / 0.5-2:Silty Soil, Clay / 2-5:Weathered Shale, Clay
225	2836016	197330	511.47	507.60	0-4: Gravel, Clay, Weathered Shale
240	2836011	197345	507.74	503.51	0-4: Gravel, Clay, Weathered Shale, Sandstone Unit Ends
250	2836088	197354	505.95	487.95	0-5: Gravel, Clay, Some Weathered Shale / 5-12:Weathered Shale / 12-18:Black Shale

Notes:
1 - Trench bottom is hard sandstone surface that could not be penetrated with the trackhoe.
2 - Water is seeping into the north end of the trench near the interface of the weathered shale and black shale.
3 - Collected samples of water that collected at the north end of the trench at 0900 and 0945 (9/15/04) for uranium, nitrate and arsenic analysis.
4 - 24 hours after excavation 6 feet of water had collected in the trench bottom. Area where water had collected was about 3 feet by 12 feet.
5 - An additional water sample was collected at 0910 on September 16, 2004 for uranium, nitrate and arsenic analysis.

Table 2
NW Investigation Area
Water Sample Results

Location	Date	Time	Uranium µg/l	Nitrate mg/l	Arsenic mg/l
North End of North Trench	9/15/2004	900	< 1	1.2	0.029
North End of North Trench	9/15/2004	945	< 1	1.2	0.005
North End of North Trench	9/16/2004	910	< 1	1.1	< 0.004
West End of West Trench	9/29/2004	1225	< 1	114	< 0.004

Note:
- The North Trench was completed at about 0845 on 09/15/2004. Water samples were collected shortly after completion because it appeared that the trench might cave in. The initial samples had significant solids present. The sample collected from the North trench on 09/16/2004 at 0910 was clear.