



March 16, 2010

RE-1011-N

US Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

**Certified Mail - Return Receipt Requested**  
**Receipt No. 7008 1140 0000 4060 7912**

RE: License SUB-1010, Docket No. 40-8027  
30-day written report of radiation levels exceeding license limits  
10 CFR 20.2203(a)(3)(ii)

Dear Sirs:

Pursuant to the requirements of 10 CFR 20.2203, attached is Sequoyah Fuels Corporation's (SFC) written report describing discovery of and response to radiation levels exceeding license limits in an unrestricted area.

If there are questions regarding this report, please contact me at 918 489 5511.

Sincerely

John H. Ellis  
Sequoyah Fuels Corporation

Attachment

xc: Administrator, NRC Region IV

IE 712  
NMSS

**SEQUOYAH FUELS CORPORATION**

**30-day Written Report**

**10 CFR 20.2203(a)(3)(ii)**

**March 16, 2010**

(i) Estimates of each individual's dose;

None; Sequoyah Fuels Corporation (SFC) evaluated the condition and determined that it did not contribute dose to any personnel or the public.

(ii) The levels of radiation and concentrations of radioactive material involved;

The range of surface contamination survey results which exceeded the reporting requirement is:

Beta/gamma direct	<2800 to 448000 dpm/100cm <sup>2</sup>
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(iii) The cause of the elevated exposures, dose rates, or concentrations;

The tools and equipment had been removed from the Restricted Area without a proper radiation survey. Direct beta/gamma radiation levels were discovered on these tools and equipment in an unrestricted area in excess of 10 times an applicable limit in SFC's Source Materials License SUB-1010.

(iv) Corrective steps taken or planned to ensure against a recurrence, ...

Corrective steps completed include:

- a) Return contaminated tools and equipment to the Restricted Area.
- b) Implement a comprehensive surface contamination survey of the Unrestricted Area. This survey began February 24, 2010 and is still in progress.
- c) Instruct and counsel personnel regarding condition and requirements.
- d) Install signage at exits of Restricted Area describing the requirement for a radiation survey of tools and equipment prior to release from the Restricted Area.

No further corrective steps are planned.