



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON TX 76011-4511

May 25, 2023

Jennifer Stickel, Ph.D.  
Radiation Safety Officer  
Livingston HealthCare  
320 Alpenglow Lane  
Livingston, MT 59047

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

Dear Jennifer Stickel:

The Nuclear Regulatory Commission (NRC) has completed the technical review of the renewal application dated March 2, 2023 for license number 25-27450-01, and additional information is needed. Please provide the response in a signed and dated letter, in company letterhead, within 30 days from receipt of this letter, and make reference to mail control number 634804.

1. You are committed to the several statements under Item 9, "Radiation Monitoring Instruments" of the Appendix B from the NUREG-1556, Vol. 9, Rev. 3. Please provide a description of instrumentation (e.g., gamma counter, solid-state detector, portable or stationary count-rate meter, portable or stationary dose-rate or exposure-rate meter, single or multichannel analyzer, liquid scintillation counter, proportional counter) that will be used to perform required surveys is attached.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

Alexus D.  
Willis

Digitally signed by Alexis  
D. Willis  
Date: 2023.05.25 10:02:03  
-05'00'

Alexus Willis, Health Physicist  
Materials Licensing Branch

Docket: 030-32948  
License: 25-27450-01  
Control: 634804



June 8, 2023

United States Nuclear Regulatory Commission  
Region IV  
1600 E. Lamar Blvd  
Arlington Tx, 76011-4511

Subject: Livingston HealthCare renewal application - license number 25-27450-01  
Response to request for additional Information  
Mail control number 634804

To Alexis Willis:

This letter is in response to your request for additional information letter, dated May 25, 2023. Our response is below.

1. "You are committed to the several statements under Item 9, "Radiation Monitoring Instruments" of the Appendix B from the NUREG-1556, Vol. 9, Rev. 3. Please Provide a description of instrumentation (e.g. gamma counter, solid-state detector, portable or stationary count-rate meter, portable or stationary dose-rate or exposure-rate meter, single or multichannel analyzer, liquid scintillation counter, proportional counter) that will be used to perform required surveys is attached. "

The instrumentation used to perform the required exposure rate surveys and contamination wipes are from portable GM exposure rate meters in the form of Ludlum 14C's and the well counter in the form of a Capintec CRC-55TW. The Ludlum 14C's are capable of detecting alpha, beta, and gamma radiation with the exposure range of 0-2,000 mR/hr. The Capintec CRC-55TW well counter includes a 256-channel multichannel analyzer which provides detailed spectrum for identification and analysis.

Please contact me at 720.839.7265 or [j.stickel@campphysics](mailto:j.stickel@campphysics) with any questions.

A handwritten signature in cursive script, appearing to read "Jennifer R. Stickel".

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Jennifer Stickel, PhD  
Radiation Safety Officer