

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001



June 12, 2015

Scan Technologies, Inc.  
ATTN: Jack Ramsey, PE  
Radiation Safety Officer  
PO Box 519  
Grayson, GA 30017

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION, SCAN TECHNOLOGIES, INC.  
AMENDMENT REQUEST DATED APRIL 23, 2015

Dear Mr. Ramsey:

This letter is in response to your amendment request dated April 23, 2015, requesting the addition of a new sealed source model to Registration Certificate NR-0716-D-110-S. In reviewing your request, we find that additional information is required to complete our review. In the enclosure to this letter, we have summarized the issues not addressed in your application.

Please be aware that you may request that certain portions of your submittal to the NRC be withheld from public disclosure as proprietary information. To do this, you must execute an affidavit as specified in 10 CFR 2.390. You must list all portions that you wish to be held proprietary, along with your reasoning as to why that is appropriate.

Please submit the requested information within 30 calendar days of the date of this letter. If we have not received complete information within 30 days, we will consider your request as having been abandoned by you. This is without prejudice to the submission of a new request.

If you have any questions, please contact me at [Celimar.Valentin-Rodriguez@nrc.gov](mailto:Celimar.Valentin-Rodriguez@nrc.gov) or at (301) 415-7124.

Sincerely,

/RA/

Celimar Valentin-Rodriguez, Ph.D.  
Materials Safety Licensing Branch  
Division of Material Safety, State, Tribal  
and Rulemaking Programs  
Office of Nuclear Material Safety  
and Safeguards

Enclosure: As Stated

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Enclosure: As Stated  
Distribution: SSD Case 15-29

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OFC	NMSS/MSLB	NMSS/MSLB	NMSS/MSLB	NMSS/MSLB	NMSS/MSLB
NAME	Celimar Valentin-Rodriguez	Tomas Herrera	Lymari Sepulveda	Hipolito Gonzalez	Celimar Valentin-Rodriguez
DATE	06/11/2015	06/11/2015	06/11/2015	06/11/2015	06/11/2015

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**Scan Technologies, Inc. Amendment Request dated April 23, 2015**  
**Request for Additional Information**

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the Scan Technologies, Inc. amendment request dated April 23, 2015, and determined that additional information is needed to continue with our review of Registration Certificate NR-0716-D-110-S. Please address the issues listed below. This information is required by 10 CFR 32.210 and described in the relevant guidance document NUREG-1556 Volume 3, titled "Applications for Sealed Source and Device Evaluation and Registration."

1. Please state whether any modifications will be made to the ANALYZER-5 and ANALYZER-6 devices in order to use the Eckert & Ziegler Isotope Product source model Cf2.N02.
2. Please note that on Page 3 of your amendment request you indicated that the activity of the Cf2.N02 sources are held within  $\pm 15\%$ . This could potentially put a source at a maximum activity of 57.5  $\mu\text{g}$  of Cf-252. Meanwhile, your device is designed to hold a source with a maximum activity of 50  $\mu\text{g}$ . Please confirm that the Cf2.N02 sources will not exceed the maximum activity of 50  $\mu\text{g}$  (26.8 mCi) of Cf-252 that is currently stated in the device registration certificate.
3. Please discuss whether there are any changes to the radiation profiles (external radiation levels) for the ANALYZER-5 and ANALYZER-6 device models, based on the Cf2.N02 source model. Also, if the source is expected to contain a maximum activity of 57.5  $\mu\text{g}$  of Cf-252 at any time, please provide the radiation profiles.

Enclosure