

May 21, 2014

Mr. Jerry Wiza
President
RAM Services, Inc.
510 County Highway V
Two Rivers, WI 54241

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

Dear Mr. Wiza:

This letter refers to your amendment request letter dated February 17, 2014, regarding design changes of the model RTI Allscan. In reviewing your amendment request letter, we find additional information is required to complete our review. In order to continue our review, please address the issues in the enclosed request for additional information.

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

If you have any questions, please contact me at (301) 415-5619 or electronic mail:
Lymari.Sepulveda@nrc.gov.

Sincerely,

/ra/

Lymari Sepulveda
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Enclosure:
Request for Additional Information

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ADAMS Accession No.: ML14141A430

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OFC	FSME/MSSA/LB		FSME/MSSA/LB		FSME/MSSA/LB		FSME/MSSA/LB	
NAME	LSepulveda		JJankovich		MKotzalas (JJankovich for)		LSepulveda	
DATE	05/21/14		05/21/14		05/21/14		05/21/14	

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**RAM Services, Inc. Application dated February 17, 2014
Request for Additional Information**

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the RAM Services, Inc. application dated February 17, 2014, and determined that additional information is needed. In order to continue with our review, 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. Construction of the Product

- 1.1. Please provide a drawing similar to Attachment 3 in Registration Certificate NR-1370-D-101-S, dated July 3, 2013. The drawing should show the access port and the shield plug and provide a component list for the parts.
- 1.2. Please confirm that the source holder disk measures 251 mm in diameter and that the drawings provided in your applications correspond to the latest design which is going to be distributed.
- 1.3. In your previous application you indicated that the working life of the gauge is 30 years. In your amendment request dated February 17, 2014, you indicated that the working life is 15 years. To resolve the discrepancy, please confirm that the working life of the gauge is 15 years.
- 1.4. Section 7.3, Construction of the Gauge, states that the Perspex source cup has 3 wells to accept source capsules. In Drawing No. ALL-M-I-0179-01, threads are shown, meanwhile, in Drawing No. ALL-M-I-0179-06, the threads are not shown. Please indicate whether the source cup wells are threaded or not, and provide corrected engineering drawings for the source cup to show whether treaded sources will be used.
- 1.5. Please provide detailed engineering drawings for the source cup to show how the treaded/not-treaded sources are retained by sliding covers.
- 1.6. Delineate the model name designation which would distinguish the units with the previous design configuration from those which will be distributed with the access port. If the units are distinguished from each other by serial numbers, provide the serial number of the last unit distributed without the serial port.
- 1.7. Please provide a drawing similar to Attachment 2 in Registration Certificate NR-1370-D-101-S, dated July 3, 2013. The drawing should show the four components of the source disk assembly and provide a component list for the parts. Please provide an electronic copy of the drawing, if available.
- 1.8. In Section 7.8, Installation, Servicing, and Instructions to Users, in the second paragraph of the text, there is a footnote #2 for the source exchange which is missing.

Enclosure

2. Radiation Profiles

2.1 Provide radiation dose measurements for the model with the access port. Provide the radiation measurements similarly to those which are shown in Attachments 4 and 5 in Registration Certificate NR-1370-D-101-S, dated July 3, 2013. Provide information on how the dose rates were determined: measured or calculated. If measured, provide the type, model and calibration date for the measuring instrument/s.

3. Label

3.1. Please confirm that the content, construction, method of attachment and location of the label did not change. However, if a new model designation is used to distinguish the units with the access port from the previous design, please provide a copy of the label showing the new model designation.

4. Prototype testing

4.1. Confirm that the vibration tests conducted with the configuration which had been approved in Registration Certificate NR-1370-D-101-S, dated July 3, 2013, are applicable to the current design configuration, or provide additional prototype test results as conducted in accordance with the standards in Attachment 4 of your application. Particularly, please address how the sources, which are not thread-mounted in the current configuration, are retained in an intensive vibration environment.

5. Operation Manual

5.1. Please provide a copy of the Operation Manual which addresses the use of the access port. Drafts are not acceptable, please provide the final version.