

Roldan, Lizette

From: Roldan, Lizette
Sent: Thursday, August 04, 2011 3:30 PM
To: 'loretta.barranger@ihs.gov'
Subject: REQUEST FOR ADDITIONAL INFORMATION REGARDING RENEWAL CONTROL 574995
Attachments: apph-errata.pdf

License No.: 02-19495-01
Docket No.: 030-17788
Control No.: 574995

Dear Ms. Barranger:

This is in reference to your application dated April 26, 2011 requesting a renewal for Nuclear Regulatory Commission License 02-19495-01. In order to continue our review, we need the following information:

1. Please establish a maximum possession limit for the gauges you currently have and may possess in the future. The maximum possession limit is a factor of the number of gauges/sources you possess or wish to possess and the activity per source. For example, if you currently have 3 gauges with 10 millicuries of Cesium-137 and 50 millicuries of Americium-241, your maximum possession limit for Cesium-137 is 30 millicuries (3 X 10 millicuries) and 150 millicuries for Americium-241 (3 X 50 millicuries). Please note you may increase that possession limit to allow for the purchase of future gauges.
2. There was a security section added to the operating and emergency procedure in NUREG 1556 Volume 1 Revision 1 and you can find that in Errata Appendix H: Operating, Emergency and Security Procedures. The updated language has not been incorporated into Appendix B yet. Please provide a statement: "Operating, emergency **and security** procedures will be developed, implemented, and maintained and will meet the Criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures and Errata Appendix H: Operating, Emergency and Security Procedures," in NUREG 1556 Vol. 1 Rev.1."

I have attached the Errata to Appendix H: Operations, Emergency and Security Procedures for your convenience and review. We will continue our review upon receipt of this information. Please reply to my attention at the Region IV Office and refer to Mail Control No. 574995. Please respond to this e-mail by September 5, 2011. You may reply via e-mail as long as the response is attached in a PDF format or by fax to 817-860-8263.

Thanks,

Lizette Roldán-Otero, Ph.D.
Health Physicist
Nuclear Regulatory Commission
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011
Office: 817-276-6596
Fax: 817-860-8263



Reno IHS Field Office
Office of Environmental Health & Engineering
1395 Greg Street, Suite 101
Sparks, Nevada 89431-6042

September 1, 2011

Lizette Roldán-Otero, Ph.D.
Health Physicist
Nuclear Regulatory Commission
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011

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SEP 01 2011

RE: Mail Control No. 574995
Renewal Application for License No., 02-19495-01

DNMS

Dear Ms. Roldan-Otero:

In response to your email dated August 4, 2011 the following items are to be amended to our application as referenced:

1. Total possession – including maximum possible possession for temporary rentals or new purchases:

Radionuclide	Manufacturer/Model No.	Total Possession Limit
Cesium-137	Sealed Sources (Manufacturer <u>Troxler</u> , Model No(s). <u>3440 & 3411-B</u>)	<u>8</u> millicuries per source, and <u>32</u> millicuries total.
Americium-241	Sealed Sources (Manufacturer <u>Troxler</u> , Model No(s). <u>3440 & 3411-B</u>)	<u>40</u> millicuries per source, and <u>160</u> millicuries total.

2. "Operating, emergency and security procedures will be developed, implemented, and maintained and will meet the Criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures and Errata Appendix H: Operating, Emergency and Security Procedures," in NUREG 1556 Vol. 1 Rev.1."

Should you have any questions, please feel free to contact me at (775) 784-5327 ext 225. Thank you.

Sincerely,

Loretta B. Barranger, P. E.
Phoenix Area Radiation Safety Officer

Cc: District Engineer / Troxler File
Tom Heintzman, Director DSFC