



June 11, 2012

United States Nuclear Regulatory Commission  
Attn: License Assistance Team  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

L-1  
MS-16

Re: License number: 37-30710-01  
Docket number: 030-35912  
MC 577406

Mr. Scott Wilson:

As discussed in our recent phone conversation on June 6, 2012, Geotechnics, Inc. would like clarify our recent license amendment request, dated April 24, 2012, to allow for the possession of two additional sealed sources. Specifically, we would like the ability to obtain two additional Troxler 3400 series gauges, including the models 3430, 3440, or 3450. All of these models utilize the same sealed source model numbers as follows:

Cs-137, Sealed source model number: A-102112, (QSA, Inc. CDCW556; IPL HEG-137)  
Am-241, Sealed source model number: A102451, (QSA, Inc. AMN.V997; IPL Am1.No2, 3021, or 3027)  
Additionally, we would like the ability to possess Troxler 3400 series gauges including the models mentioned above, containing the sealed source Cf-252, (QSA Inc. CVN.1; IPL HEG-252)

Our current license indicates a maximum amount of 54 millicuries of Cs-137. We would like to increase this to a maximum of 72 millicuries of Cs-137. Additionally, our license indicates a maximum amount of 264 millicuries of Am-241. We would like to increase this amount to a maximum of 352 millicuries of Am-241. Further, our license indicates a maximum amount of 396 microcuries of Cf-252. We would like to decrease this amount to a maximum of 132 microcuries of Cf-252.

Under Section 9, entitled Authorized use, Geotechnics would like to retain the ability to use our Troxler 3400 series gauges for measuring physical properties of materials only. Therefore, Geotechnics would like to include the following:

*"A. through C. In Troxler Electronic Laboratories, Inc., Model No. 3411B and 3400 Series portable gauging devices for measuring physical properties of materials."*

We would like to have the previous quotation or similar included in our amended materials license.

If you have any questions regarding this matter, please feel free to call Mr. Nathan Melaro at 412/823-7600.

Sincerely,

Nathan J. Melaro  
Field Services Coordinator

Randy O'Rourke  
President

577406  
NMSS/RGN1 MATERIALS-002