



SURVEYING • ENGINEERING • CONSTRUCTION SERVICES

Geospatial Services • LiDAR Services • GIS

May 22nd, 2014

United States
Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: License Amendment NRC License #21-32687-01

Dear Sir or Madam:

I would like to request an amendment to Radioactive Material License No. 21-32687-01 to authorize Surveying Solutions, Inc. to use the InstroTek, Inc. Model 3500 Xplorer nuclear moisture/density gauge for measurement of soils and construction materials. The Model 3500 is registered under Sealed Source & Device Registration Certificate No. NC-1241-D-101-S, and contains the following sealed sources:

1. Cs-137 (AEA Technology QSA Model No. CDC.805 or Isotope Products Laboratories Model HEG-137)
Maximum activity: 11 mCi
2. Am-241:Be (AEA Technology QSA, Inc. Model No. AMN.V977 or Isotope Products Laboratories Model AM1.NO2)
Maximum activity: 44 mCi

Please let me know if I can provide any additional information.

Sincerely,

SURVEYING SOLUTIONS, INC.

Adam R. Ball, P.E.
Radiation Safety Officer
aball@ssi-mi.com

RECEIVED MAY 28 2014

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