

September 15, 2014

Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region III  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Re: License Amendment Radioactive Materials License No. 24-26162-01

Dear Sir or Madam:

I would like to request an amendment to Radioactive Material License No. 224-26162-01 to authorize Construction Materials Testing Group, LLC 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,**  
Construction Materials Testing Group, LLC



K. Erik Troy, P.E.  
Lab Director

Facsimile Cover Sheet

To: Frank Tran - U.S. Nuclear Regulatory Commission

FAX#: 630-515-1078

From: Kenneth Troy - CMTG, LLC

FAX # 816-448-2668

SUBJECT: License 24-26162-01 Amendment

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