

# PEA GROUP

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1849 Pond Run  
Auburn Hills, MI 48326

844.813.2949  
peagroup.com



Professional Engineering Associates  
1849 Pond Run  
Auburn Hills, MI 48326

Re: Amendment to License #21-26476-01

Dear Sir or Madam:

I would like to request an amendment to Radioactive Material License No. 21-26476-01 to authorize Professional Engineering Associates to use the InstroTek, Inc. Model 3500 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.V997 or Isotope Products Laboratories Model AM1.NO2)  
Maximum activity: 44 mCi

Possession Limit: ( 5 ) sources not to exceed 11mCi of Cs-137 and 44mCi of Am-241:Be

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

Sincerely,

Brendon Junge  
Radiation Safety Officer / Geotechnical Project Engineer  
Professional Engineering Associates

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