

CROCKETT
CROCKETT
GEOTECHNICAL - TESTING LAB
1000 W Nifong Blvd., Bldg. 1
Columbia, MO 65203
573-447-0292

August 23, 2021

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: Radioactive Materials License #24-35065-01

Dear Sir or Madam:

I would like to request an amendment to Radioactive Material License No. 24-35065-01 to authorize Crockett Geotechnical - Testing Lab 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

Possession Limit: (6) 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,

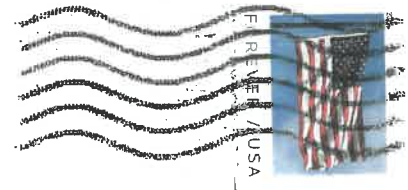


Eric H. Lidholm, P.E.
Principal / RSO
Crockett Geotechnical - Testing Lab

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ENGINEERING CONSULTANTS
1000 W Nifong Blvd, Bldg. 1, Columbia, MO 65203

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