

**McDowell & Associates***Geotechnical, Environmental & Hydrogeological Services • Materials Testing & Inspection*21355 Hatcher Avenue, Ferndale, MI 48220  
Phone: (248) 399-2066 • Fax: (248) 399-2157

April 12, 2016

U.S. Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road  
Suite 210  
Lisle, Illinois 60532-4352

Attention: William P. Reichhold

Re: License Amendment for John Kalisz, III, R.S.O.  
License Number 21-18724-01

Dear Mr. William Reichhold:


I would like to request an amendment to Radioactive Material License No. 21-18724-01 to authorize McDowell & Associates 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,

McDOWELL &amp; ASSOCIATES

  
John Kalisz, III, P.E.  
R.S.O.

JK/jb

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**FAX TRANSMITTAL SHEET**

Please deliver this fax to: Materials Licensing  
At: 630-515-1078  
From: John Kalisz  
Date: 4/19/16

We are sending 2 pages including this cover page.

Comments:

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