

# MOORE & BRUGGINK, INC.

Consulting Engineers

2020 Monroe Avenue, N.W.

Grand Rapids, Michigan 49505-6298

September 8, 2010

Attn: Materials Licensing  
United States Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

Re: License Amendment #21-23396-02

Dear Sir or Madame:

I would like to request an amendment to Radioactive Material License No. 21-23396-02 to authorize Moore & Bruggink, 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,



Roy J. Laisure  
Radiation Safety Officer

RJL/klm

# MOORE & BRUGGINK, INC.

Consulting Engineers  
2020 Monroe Avenue, N.W.  
Grand Rapids, MI 49505-6298  
Phone (616)363-9801 Fax (616)363-2480  
dklein@mbce.com

## Fax

Company:	<u>Nuclear Regulatory Commission</u>	Re:	<u>License Amendment</u>
Attention:	<u>Mike Herr</u>	Pages:	<u>2 including the cover</u>
Phone:	<u>630-829-9887</u>	From:	<u>Dave Kleinheksel</u>
Fax:	<u>630-515-1078</u>	Date:	<u>September 8, 2010</u>

- Urgent
  For Review
  Please Comment
  Please Reply

Comments:

Mike, attached is the license amendment for the purchase of Instro Tek model 3500 equipment. If you will please see if you could expedite the amendment due to getting future work for our company. Please call me with any questions. Thanks

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