

ATLANTIC GEOTECHNICAL SERVICES, INC.
Geotechnical + Materials Testing + Environmental

April 14, 2007

NM583

Mr. Bryan A. Parker, Health Physicist
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

RECEIVED
REGION 1
APR 18 AM 11:05

Reference: License Amendment Request, Section 9
Atlantic Geotechnical Services, Inc. (AGS)
License No. 45-25191-01

03032657

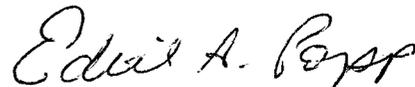
Dear Mr. Parker:

This is to request an amendment to the Atlantic Geotechnical Services, Inc. (AGS) license. Specifically, AGS is purchasing and would like authorization to use the InstroTek, Inc. Model 3500 Xplorer nuclear moisture/density gauge for measurements of soils and construction materials. The Model 3500 is registered under Sealed Source and Device Registration Certificate No. NC-1241-D-101-S and contains the following sealed sources:

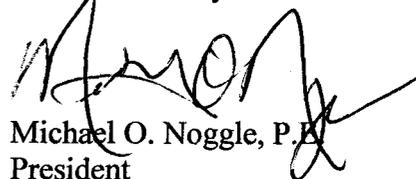
1. Cs-137 (AEA Technology QSA Model No. CDC.805 or Isotope Products Laboratories Model HEG-137); Maximum activity: 11mCi
2. Am-241:Be (AEA Technology QSA Model No. AMN.V977 or Isotope Products Laboratories Model AM1.NO2); Maximum activity: 44mCi

We hope this provides the information needed and is consistent with NRC guidelines. Please call if we can provide additional information.

Sincerely,
ATLANTIC GEOTECHNICAL
SERVICES, INC.



Edith A. Popp
Radiation Safety Officer



Michael O. Noggle, P.E.
President

140404