JACOBI GEOTECHNICAL ENGINEERING, INC.

October 18, 2019

Material Licensing Branch
United Stated Nuclear Regulatory Commission – Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532

RE: License Amendments
Add Gauge Type Request
License Number: 24-32231-01

Dear Sir or Madam,

The purpose of this letter is to request an amendment to a license held by Jacobi Geotechnical Engineering, Inc. (Jacobi); NRC Material License Number 24-32231-01.

Jacobi requests to add five Troxler 3400 series nuclear density gauge to the referenced NRC Material License. The material to be possessed and proposed use is presented below.

Radionuclide	Manufacturer and Model	Quantity	Uses as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
Cesium-137	Troxler 3400 Series	8 mCi per gauge. Less than or equal to 5 gauges.	Measure physical properties of soil, aggregate, pavement, and applicable construction and geo-materials	Not Applicable
Americium-241	Troxler 3400 Series	40 mCi per gauge. Less than or equal to 5 gauges.	Measure physical properties of soil, aggregate, pavement, and applicable construction and geo-materials	Not Applicable

If you have any question or request additional information, please contact Jared Holland by email at jholland@jacobiengineer.com or by phone at 636.978.7112.

Sincerely,

Jacobi Geotechnical Engineering, Inc.

Jared V. Holland, P.E.
Senior Engineer

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