



208 Chesterfield Industrial Blvd.
Chesterfield, Missouri 63005
O 636.532.7747
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September 29, 2009

Mr. James R. Mullauer, M.H.S.
Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

RE: NRC Material License No. 24-32630-01

Dear Mr. Mullauer:

Please amend the subject Radioactive Materials License to change the Radiation Safety Officer from Kathie Wurtz to Michael P. McMillen. The resume and certificates enclosed indicate Mr. McMillen's relative experience and credentials.

Respectfully,
GATEWAY GEOTECHNICAL, LLC

Michael P. McMillen, P.E.
Vice President

Enclosures: Michael P. McMillen Resume
Certificates

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Michael P. McMillen, P.E.
Vice President



Education B.S., Civil Engineering, Purdue University, 1995
 Engineer Officer's Basic Course, U.S. Army Engineer School, 1996
 M.B.A., Lindenwood University, 2005

Registration Professional Engineer
 Missouri, 2000; Illinois, 2006

Affiliation American Society of Civil Engineers
 Society of American Military Engineers
 American Public Works Association
 American Council of Engineering Companies of Missouri

Experience Shannon & Wilson, Inc., St. Louis, Missouri, Summers 1990-1994, 1995
 Staff Geotechnical Engineer

 Woodward Clyde (URS), St. Louis, Missouri, 1996-1997
 Staff Geotechnical Engineer

 SCI Engineering, Inc., St. Charles, Missouri, 1998-2006
 Senior Geotechnical Engineer

 Captain, U.S. Army Engineer Corps – Operation Iraqi Freedom, 2003-2004

 Gateway Geotechnical, LLC, Chesterfield, Missouri, 2006 - Present
 Vice President and Geotechnical Engineer

Professional Summary

Mr. McMillen's professional experience includes over 10 years of geotechnical design and construction in the metropolitan St. Louis area. Areas of specific interest include the design and construction of deep foundations and specialty deep foundation systems. Mr. McMillen is also experienced in the design of retention systems, including soil nailed, tangent pier, gabion, geocell, and other retaining structures. Other areas of experience include the practical design of steepened slopes, including slope stability analysis, and the construction of rock cuts. Mr. McMillen is also certified by Jefferson County to complete Seismic Design Category calculations.

His responsibilities have included geotechnical engineering design and consultation recommendations, report preparation, and review.

Project Experience

Mr. McMillen has provided engineering analyses and management for literally hundreds of projects in the St. Louis area, including the following:

- MCI WorldCom Headquarters, Weldon Spring, Missouri.
- Wal-Mart SuperCenter in Marion, Illinois; and Lowe's Home Improvement Stores in Farmington, Festus, Lebanon, and Oak Grove, Missouri and West Des Moines, Iowa.
- Walgreen's Stores at over a dozen locations, primarily in the metropolitan St. Louis area.
- Alpine Lakeshore stability Lake Kitzbuehl Dam, Innsbrook, Missouri.
- YMCAs in O'Fallon and Wildwood, Missouri.

- Franklin County and St. Francois County Administration Buildings; Union and Farmington, Missouri.
- Farmington Crossing and Farmington Shopping Center, which will provide 750,000 square feet of commercial space.
- Wildwood Town Center; Wildwood, Missouri, including multiple office and commercial structures.
- Southern Oaks geocell retaining wall and biostabilization for a tall creek bank, St. Charles, Missouri.
- Student Union at Lindenwood University, the Aquatics Center at Southeast Missouri State University, and the Nursing, Health and Science Building at East Central College in Union, Missouri.
- Expansion of St. Francis Borgia in Washington, Missouri, including design of a drilled pier tangent wall to retain existing facilities adjacent to deep excavation.
- More than 20 soil nail, soil anchor, and slope retention systems in Missouri, Illinois, and Indiana.



HUMBOLDT

HUMBOLDT SCIENTIFIC, INC.

Nuclear Gauge Training Certification

Michael P. McMillen

HAS SUCCESSFULLY COMPLETED A CERTIFIED COURSE ON RADIATION SAFETY, TRANSPORT AND OPERATION OF INSTRUMENTS USING GAMMA AND NEUTRON RADIATION TO MEASURE THE PHYSICAL PROPERTIES OF CONSTRUCTION MATERIALS

Subjects included were:

Types and basic unit of ionizing radiation.
Calculations related to radiation safety.
Biological effects of radiation.
Methods of protection.
Leak testing procedures.
Procedures for safe transport (HAZMAT) and storage.
Security Awareness
Federal and State Regulations.

Accident prevention and procedures.
Instrument theory and operation.
Limitations of field maintenance.
Instrument standardization and calibration.
Test site selection and preparation.
Field operation and calculations.
Types and reasons for measurement errors.

Date of Training: **September 10, 2007**

Location: **Chesterfield, MO**

Certificate Number: **7408**

HAZMAT Expiration Date: **September 10, 2010**

Instructor: **Eddie G. Hall**
Humboldt Scientific, Inc.
551 -D Pylon Drive
Raleigh, NC 27606



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