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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

Roger Mawby
Radiation Safety Officer
Otwell Mawby Geotechnical, P.C.
309 East Front Street
Traverse City, MI 49684

JUL 09 2010

Dear Mr. Mawby:

Enclosed is Amendment No. 4 renewing your NRC Materials License No. 21-32235-01 in accordance with your request.

Please note, we have modified a number of conditions in your license because of changes in our guidance document, NUREG-1556, Volume 1, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses".

A copy of this document may be found on the NRC website at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v1/r1/sr1556v1r1.pdf>. For example, there is no license condition that will allow you to change the name of your Radiation Safety Officer (RSO) internally; NRC must do that for you via the license amendment process. For future reference, please include the name and qualifications of your proposed RSO. Each proposed RSO must be qualified in accordance with the guidance in NUREG-1556, Volume 1, Revision 1, Section 8.7, Item 7: Individual(s) Responsible for Radiation Safety Program and Their Training and Experience.

Also note, we have not removed the location of use at 1677 Park Drive, Traverse City, Michigan, because we need more information regarding a close-out survey as described in the enclosed, "Request for Additional Information". If you wish to pursue this matter, please resubmit your request as additional information to Control 318848.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
 - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or

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When separated from this cover letter this letter is uncontrolled.

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- b. When the mailing address listed on the license changes.
3. In accordance with 10 CFR 30.36(d) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license; or
 - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.
 4. Request and obtain a license amendment before you:
 - a. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - b. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - c. Change ownership of your organization.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions.

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

NRC's Regulatory Issue Summary (RIS) 2005 31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

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A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,



William P. Reichhold
Materials Licensing Branch

License No. 21-32235-01
Docket No. 030-35313

Enclosure: Amendment No. 4
Request for Additional Information

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REQUEST FOR ADDITIONAL INFORMATION

Telephone (630) 829-9839

FAX (630) 515-1078

To: Roger Mawby, Radiation Safety Officer

Location: Otwell Mawby Geotechnical, P.C.

Date: July 8, 2010

Please note, we cannot authorized the release of your "old" storage facility located at 1677 Park Drive, Traverse City, Michigan, until we have received and reviewed a copy of the results of your close-out survey. The close-out survey needs to include the following information:

- a. Please list the radionuclides that were actually used or stored at the "old" storage site.
- b. Please submit information on any leaking sealed sources used or stored at the "old" storage site. Information needs to include the isotope, amount of leakage, contamination of other areas or personnel, description of the cleanup, and disposition of the source(s). If you did not have any leaking sources, please state so. Please submit a copy of the last leak test for the sealed sources.
- c. Please confirm that all radionuclides have been removed from the "old" storage facility and transferred to the new storage area.

Please submit your close-out survey as additional information to **Control 318848**.

Please call me at 630-829-9839 if you have any questions.

From the desk of

Bill Reichhold