



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

JUL 17 2006

Timothy J. Reams  
Radiation Safety Officer  
Materials Inspection and Testing, Inc.  
3807 Goshen Road  
Fort Wayne, IN 46818

Dear Mr. Reams:

Enclosed is Amendment No. 9 to your NRC Material License No. 13-16961-02 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

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.

This letter also refers to your facsimile letters dated May 2, 2006, and July 7 and 11, 2006, notifying the NRC of the transfer of ownership and control of license 13-16961-02 issued to Materials Inspection and Testing, Inc. Based upon the information submitted, the NRC consents to the transfer as described.

Please note, as we discussed by telephone on July 12, 2006, we have limited your possession of byproduct materials to quantities that do not require the license to be marked as security related sensitive information. As a result of limiting your possession of byproduct materials, we have removed the condition referring to decommissioning financial assurance.

Also note that License Condition 17, which addresses security criteria for portable nuclear gauges, has been modified in its entirety to incorporate additional security measures. These security measures are based on revisions to 10 CFR Part 30, by the addition of paragraph 30.34(i), "Security requirements for portable gauges," as published in the Federal Register on January 12, 2005, with an effective date of July 11, 2005. The final rule requires a portable gauge licensee to use a minimum to two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal whenever the portable gauges are not under the control and constant surveillance of the licensee. You should have previously received a copy of this regulatory requirement by mail. This mailing included a revised copy of Appendix H, "Operating, Emergency, and Security Procedures," of NUREG 1556 Volume 1, Revision 1, Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Portable Gauge Licenses, dated November 2001, which incorporates these changes. We have also updated Item D in License Condition 13.

As we discussed by telephone, we will need additional information regarding the request to terminate Arbor Bay Soils Exploration's NRC license (13-32311-01) as described in the enclosed memo. Please submit your request as additional information to mail control 315400.

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
  - 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. Change Radiation Safety Officers;
  - b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
  - c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
  - d. Change ownership of your organization.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

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.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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. 13-16961-02  
Docket No. 030-18173

Enclosure: Amendment No. 9  
Memo Regarding Termination of  
Arbor Bay's License  
NUREG 1556, Volume 1, Revision 1  
Revised Appendix H  
NRC Form 314

# Memo

**FROM THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION  
REGION 3  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352**

**FAX (630) 515-1259  
or  
(630) 829-9782**

**To: Timothy J. Reams, Radiation Safety Officer  
Location: Materials Inspections and Testing, Inc.  
Date: July 13, 2006  
Subject: Termination of Arbor Bay Soils Exploration's NRC License 13-32311-01**

Please note, we cannot terminate your NRC license until we have received and reviewed the following information:

- A. Please submit a completed NRC Form 314, "Certificate of Disposition of Materials" (enclosed) and a demonstration that the premises are suitable to release for unrestricted use (e.g. results of final surveys).
- B. Please list the radionuclides that were actually used or stored at Arbor Bay Soils Exploration's facility located at 9504 Notestine Road, Fort Wayne, Indiana.
- C. Please submit information on any leaking sealed sources used or stored at the 9504 Notestine Road, Fort Wayne, Indiana 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.
- D. Please confirm that all radionuclides have been removed from the 9504 Notestine Road, Fort Wayne, Indiana site and transferred to Materials Inspection and Testing, Inc. (NRC license 13-16961-01), located at 3807 Goshen Road, Fort Wayne, Indiana. Also, please specify the date when the radioactive material was moved.

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

*From the desk of  
Bill Reichhold  
Bill Reichhold*