



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-4005

July 5, 2007

Terracon Consultants, Inc.  
ATTN: Gary K. Bradley  
Radiation Safety Officer  
16000 College Boulevard  
Lenexa, Kansas 66219

SUBJECT: LICENSE AMENDMENT

Please find enclosed Amendment No. 28 to License No. 15-27070-01. **This license amendment authorizes additional locations of use as requested by letters dated March 4, June 29, and July 3, 2007.** An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14)(viii). You should review this license carefully and be sure that you understand all conditions. If you have any questions, please contact me at 817-276-6552.

**Please note that items 8.A. through and 8.H. were modified to reflect a possession limit for cesium-137 and americium-241, as required by recently issued guidance for NRC license authorizations. Additionally, your license has been identified as "Official Use Only — Security-Related Information" and is annotated by the markings on the top and bottom of each page. The criteria for establishing this identification is described in NRC's Regulatory Issue Summary 2005-31, which discusses the control of security-related sensitive unclassified information. This document is available on the NRC website at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/>. In accordance with this criteria, your license will not be made publicly available.**

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your radiation safety program according to the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate by NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC in writing of any change in mailing address.
3. Request and obtain a license amendment before you:
  - a. Change Radiation Safety Officers;
  - b. Order byproduct material in excess of the amount, radionuclide or form authorized on the license;

- c. Add or change the areas or address(es) of use identified in the license application or on the license; or
- d. Change the name or ownership of your organization.

In addition, please note that NRC Form 313 requires the applicant, by 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. Since the NRC also accepts a letter requesting amendment of an NRC license, the signatory for such a request should also be the licensee or certifying official rather than a consultant.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available on the following internet address:  
<http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>.

The NRC no longer publishes the NRC Rules and Regulations loose leaf supplements. However, an electronic version of the NRC's regulations is available on the NRC Web site at [www.nrc.gov](http://www.nrc.gov). To view these regulations, highlight "Electronic Reading Room" and choose "Regulations" on the drop down menu. An electronic version of the NUREG-1556 Series publications is also available on the NRC Web site. To view these guidance documents, highlight "Electronic Reading Room," choose "All Collections" on the drop down menu; choose "NUREGS (NRC Reports)" and select "Publications Prepared by the NRC Staff." Then, choose "NUREG-1556" from the table and select the appropriate volume(s) for your license type.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at:  
<http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

*/RA/*

Rachel S. Browder, Health Physicist  
Nuclear Materials Licensing Branch

Docket: 030-32176  
License: 15-27070-01  
Control: 471331

Enclosure: As stated