



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
612 EAST LAMAR BOULEVARD, SUITE 400  
ARLINGTON, TEXAS 76011-4125

December 31, 2008

SABIA, Inc.  
ATTN: James F. Miller  
Radiation Safety Officer  
2300 North Yellowstone Highway  
Idaho Falls, Idaho 83402

SUBJECT: LICENSE AMENDMENT

Please find enclosed Amendment No. 12 to NRC License No. 11-27727-01 **modifying the license as follows.**

1. **Naming David Burroughs and Terry Bosecker as authorized user in license condition 11.A. as requested.**
2. **Establishing possession limits in license conditions 8.C., 8.D., 8.E., and 8.F., as requested.**
3. **Adding a sealed neutron source manufacturer's name and model number in license condition 7.F. as requested.**
4. **Removing Craig Nordisek, Dan Popovich, Sean Yang, Matt Blatter, and Brandon Rees from license condition 11.A. and 12 as requested.**
5. **Removing Craig Nordisek, Dan Popovich and Sean Yang from license condition 18 as requested.**
6. **Authorizing a 4 month extension to the 5-year limit established by license condition 15.B. and modifying the condition to reflect current processes.**
7. **Adding the Increased Controls standard license condition as condition 22. [Note: Even though SABIA's license does not authorize a single radionuclide that exceeds Increased Controls thresholds, the sum of the ratios of the aggregate radionuclides authorized by Amendment No. 12 exceeds unity (1.05). Therefore, if the aggregate radionuclides are co-located then SABIA will have to comply with Increased Controls requirements.]**

Please note that the following requests were not approved.

1. **Your request described in letter dated October 21, 2008 to authorize Dave Cook, Ron Marsden, and Terry Burke under license condition 11.A. (authorized user), license condition 12 (non-routine maintenance), and license condition 18 (radiological survey) has not been approved because radiation training and experience documentation was not submitted. Please resubmit your request with supporting training and experience documentation.**

2. **Your request described in letter dated November 21, 2008 to limit the authorization in license condition 9.A. through D. and H. to name specific device manufacturer's names and model numbers has not been approved because operating and emergency procedures, and non-routine maintenance procedures for each type of device were not submitted for NRC review and approval. Please resubmit your request with supporting documentation.**
3. **Your request described in letter dated December 19, 2008 to limit the authorization in license condition 9.A.(2) to name specific device manufacturer's names and model numbers has not been approved because operating and emergency procedures, and non-routine maintenance procedures for each type of device were not submitted for NRC review and approval. Please resubmit your request with supporting documentation.**

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, NRC's electronic document repository. The RIS may be located on the NRC Web site at:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/>.

Pursuant to NRC's RIS 2005-31, the enclosed license will not be made publicly available.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14)(v) and (x). You should review the enclosed document carefully and be sure that you understand all conditions. You contact me at 817-860-8189 if you have any questions about this license.

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. By 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 whether at the entire site or any separate building or outdoor area;
  - b. If you decide not to acquire or possess and use authorized material; or
  - c. When no principal activities under the license have been conducted for a period of 24 months.

4. 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.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.

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/reading-rm/doc-collections/enforcement/>.

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/**

Roberto J. Torres, Senior Health Physicist  
Nuclear Materials Safety Branch B

Docket: 030-35997  
License: 11-27727-01  
Controls: 472000, 472034 and 472071

Enclosure: As stated