

RADIOACTIVE MATERIAL LICENSE

Pursuant to the California Code of Regulations, Division 1, Title 17, Chapter 5, Subchapter 4, Group 2, Licensing of Radioactive Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, use, possess, transfer, or dispose of radioactive material listed below; and to use such radioactive material for the purpose(s) and at the places(s) designated below. This license is subject to all applicable rules, regulations, and orders of the Department of Health Services now or hereafter in effect and to any standard or specific condition specified in this license.

1. Licensee	Sabia, Inc.	3. License Number	6663-37	Amendment Number: 7
2. Address	7944 Convoy Court San Diego, CA 92111	4. Expiration date	August 2, 2009	(3)
Attention:	James F. Miller Radiation Safety Officer	5. Inspection agency	Radiologic Health Branch Brea	

License Number 6663-37 is hereby amended as follows:

6. Nuclide	7. Form	8. Possession Limit
A. Any radionuclide with atomic number 3-83.	A.-L. Sealed sources	A.-G. No single source to exceed the maximum activity specified in the Sealed Source and Device Registry Certificate issued by the U.S. Nuclear Regulatory Commission, Agreement State, or Licensing State; and possession limits as stated in the customers license.
B. Curium-214		
C. Radium-226		
D. Radium 226/Beryllium		
E. Americium-241		
F. Americium-241/Beryllium		
G. Californium-252		
H. Cesium-137		H. Total not to exceed 30 curies.
I. Cobalt-60		I. Total not to exceed 30 curies.
J. Californium-252		J. Total not to exceed 1 milligram (537 millicuries).
K. Americium-241		K. Total not to exceed 30 curies.
L. Strontium-90		L. Total not to exceed 30 curies.

9. Authorized Use

- A.-G. To be used to install, remove, relocate, service, maintain, and conduct leak tests, shutter checks and radiation surveys of authorized gauges and for the replacement of sources in those gauges. Gauges and sealed sources are those listed in the Sealed Source and Device Registry or specifically approved by the Department of Health Services.
- H.-K. To be used for research and development, and for storage, prior to disposal.
- L. To be used for storage only, prior to disposal.

RADIOACTIVE MATERIAL LICENSELicense Number: 6663-37

Amendment Number: 7

LICENSE CONDITIONS

10. Radioactive material shall be used only at the following location:
- (a) 7944 Convoy Court, San Diego, CA.
 - (b) Radioactive materials may be used at temporary job sites of the licensee in areas not under exclusive federal jurisdiction throughout the State of California (see Condition 15).
11. This license is subject to an annual fee for sources of radioactive material authorized to be possessed at any one time as specified in Items 6, 7, 8 and 9 of this license. The annual fee for this license is required by and computed in accordance with Title 17, California Code of Regulations, Sections 30230-30232 and is also subject to an annual cost-of-living adjustment pursuant to Section 100425 of the California Health and Safety Code.
12. Radioactive material shall be used by, or under the supervision and in the physical presence of, the following individuals:
- (a) James F. Miller
 - (b) Stephen J. Foster
 - (c) Clinton L. Lingren
 - (d) Larry L. Taylor
 - (e) John Hagley
13. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 7, 8 and 9 of this license in accordance with the statements, representations, and procedures contained in the documents listed below. The Department's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- (a) The application dated May 14, 1999, the letters dated May 18, 1999, June 2, 1999, June 24, 1999, June 29, 1999, July 9, 1999, and July 30, 1999, all signed by James F. Miller, with attachments thereto, and e-mail dated July 27, 1999, with attachments thereto and e-mail dated July 30, 1999.
 - (b) The letters dated June 9, 2000, July 17, 2000, both signed by James F. Miller with attachments thereto, and E-mail dated June 12, 2000, regarding the addition of the facility at 1425 Russ Blvd., San Diego, CA.
 - (c) The letter dated August 12, 2000, signed by James F. Miller, with attachments thereto, regarding revision to their Emergency Procedures and New Facility Diagrams.
 - (d) The letter dated August 22, 2001, signed by James F. Miller, regarding monitoring and survey instruments.
 - (e) The letters dated December 2, 2002 and December 27, 2002; and letters with attachments dated December 5, 2002, December 12, 2002, December 23, 2003, and March 7, 2003; all signed by James F. Miller, regarding adding and removing a facility from the license and ambient radiation area monitoring.

RADIOACTIVE MATERIAL LICENSELicense Number: 6663-37

Amendment Number: 7

14. (a) The Radiation Safety Officer in this program shall be James F. Miller.
- (b) The Alternate Radiation Safety Officer in this program shall be Stephen J. Foster.
15. Before radioactive materials may be used at a temporary job site at any federal facility, the jurisdictional status of the job site must be determined. If the jurisdictional status is unknown, the federal agency should be contacted to determine if the job site is under exclusive federal jurisdiction. A response shall be obtained in writing or a record made of the name and title of the person at the federal agency who provided the determination and the date that it was provided. Authorization for use of radioactive materials at the job sites under exclusive federal jurisdiction shall be obtained either by:
- (a) Filing an NRC Form-241 in accordance with the Code of Federal Regulations, Title 10, Part 150.20 (b), "Recognition of Agreement State Licenses", or
- (b) By applying for a specific NRC license.

Before radioactive material can be used at a temporary job site in another State, authorization shall be obtained from the State if it is an Agreement State, or from the NRC for any non-Agreement State, either by filing for reciprocity or applying for a specific license.

16. The licensee is authorized to perform tests for leakage and/or contamination of sealed sources. The following tests may be performed for sources possessed under this license and as a customer service:
- (a) Collection of wipe test samples from sealed sources and devices containing sealed sources.
- (b) Furnishing leak test kits for sealed sources and devices containing sealed sources to customers authorized to use such leak test kits.
- (c) Analysis of materials collected by the licensee as stated in (a) above and material returned by customers from leak test kits listed in (b) above for the amount of radioactivity. Reports to customers of analysis shall be in microcuries.
17. At any time the licensee is engaged in providing customer services for gauges by the authority of this license at either a permanent or a temporary job site, the licensee shall have a current copy of each of the following documents available for inspection at the job site:
- (a) This license.
- (b) Drawings and procedures appropriate to the make and model of the gauging device being serviced and adequate for the undertaking.
18. The licensee shall not perform any authorized service without drawings and procedures for the system adequate for the undertaking. Such drawings and procedures together with a service log shall be maintained subject to inspection. The service log entries shall include the name, address and license number (if applicable) of the customer and shall further specify the make and model number of the gauge system and fully describe the nature of the service undertaken.

RADIOACTIVE MATERIAL LICENSE

License Number: 6663-37

Amendment Number: 7

- 19. Each time the licensee installs, relocates or repairs a non-portable gauging device, the licensee shall make a record of the radiation pattern of the device and deliver a copy to the customer for the customer's records. Each radiation pattern shall be determined by use of an instrument which has been calibrated within six months.
- 20. A copy of this license and a copy of all records and documents pertaining to this license shall be maintained available for inspection at **7944 Convoy Court, San Diego CA.**

Prepared By: <i>Franklin Mark</i>	Reviewed By: <i>John Fossil for</i>	Issued For the Department of Health Services By: <i>David Wesley</i>
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Date: <i>7/11/63</i>		Radiologic Health Branch P.O. Box 942732-MS 178 Sacramento, CA 94234-7320