

MATERIALS LICENSE

Amendment No. 01

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with letter dated January 16, 1985	
1. Ramsey Engineering Company		3. License number 22-04048-02 is amended in its entirety to read as follows:	
2. 1853 West County Road C St. Paul, MN 55113		4. Expiration date May 31, 1990	
		5. Docket or Reference No. 030-17036	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. See Item 9.A.	A. See Item 9.A.	A. Not applicable	
9. Authorized Use			
A. For possession incident to the performance of installations, removals, relocations, repairs, packaging, leak testing, radiation surveys, and training of individuals in the use of gauging devices containing licensed material which have been distributed by the Ramsey Engineering Company, Texas Nuclear Division, to specific licensees and/or to general licensees.			

CONDITIONS

10. Licensed material shall be used only at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision and in the physical presence of, Neil B. Howes, Max C. Casanova, Duane L. Gillette, Jon Putzier, or other licensee employees who have completed the training described in application received March 22, 1979 and letter dated February 15, 1980 and designated by the Radiation Protection Officer. The licensee shall maintain records of individuals designated.
13. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

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14. The licensee is not authorized to modify, dismantle or affect any change in the gauges manufactured by the Ramsey Engineering Company, Texas Nuclear Division. The licensee is not authorized to modify or alter labels affixed to the gauge by the Texas Nuclear Division in accordance with the terms and conditions of the licenses authorizing manufacture of the gauge except where a change in the leak test interval for the gauge has been authorized or when a generally licensed gauge is converted to a specifically licensed status.
15. No generally licensed device shall be installed by the licensee in such a manner or in such a location that any person could receive more than 0.5 rem in a calendar year under ordinary circumstances of use.
16. After installation by the licensee of each device distributed to persons generally licensed pursuant to Section 31.5 of 10 CFR Part 31 the licensee shall assure that the general licensee has been provided with a copy of Section 31.5, 10 CFR Part 31; Sections 30.34 and 30.51 through 30.63, 10 CFR Part 30; Section 20.402 and 20.403, 10 CFR Part 20, and Appendix D, 10 CFR Part 20.
17. Tests of sealed sources for leakage or contamination shall be in accordance with the following:
  - A. The conditions of pertinent U. S. Nuclear Regulatory Commission and Agreement State licenses authorizing the customer's use and possession of the licensed material;
  - B. The procedures described in the application filed by licensee and received March 22, 1979 and letter with attachments dated February 15, 1980;
  - C. The sealed source shall not be removed from the device. Tests shall be made with the sealed source in the shielded or off condition;
  - D. Prior to collection of test samples, the tester shall survey the area which he will occupy during the sample collection; and
  - E. A report of the results of each test shall be provided the customer in units of microcuries.
18. After installation by the licensee of each device distributed to persons generally licensed pursuant to Section 31.5 of 10 CFR, Part 31, the licensee shall conduct a radiation survey and shall assure that the levels of radiation do not exceed those specified in the license authorizing the manufacture or distribution of the installed gauge. The licensee shall furnish the general licensee a copy of the radiation survey report.
19. The licensee shall test each device distributed under this license for leakage or contamination of radioactive material and proper operation of the "on-off" mechanism and indicator, if any, at the time of installation of the device.

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20. A. At the time of installation by the licensee of each device distributed to persons generally licensed pursuant to the provisions of Section 31.5, 10 CFR Part 31, the licensee shall assure that each device bear a durable, clearly visible and legible label or labels containing the following or substantially similar statements:
1. "Receipt, possession, use and transfer of this device are subject to a general license or equivalent and regulations of the U. S. Nuclear Regulatory Commission or an Agreement State."
  2. "Abandonment or disposal prohibited unless transferred to persons specifically licensed by the U. S. Nuclear Regulatory Commission or an Agreement State."
  3. "Operation prohibited if there is indication of failure of or damage to shielding, source containment or on-off mechanism."
  4. "Installation, dismantling, relocation, maintenance, repair and testing involving the radioactive material, its shielding or containment shall be performed by persons specifically licensed by the U. S. Nuclear Regulatory Commission or an Agreement State."
  5. "Device shall be tested for radioactive leakage and proper functioning of on-off mechanism and indicator, if any, at installation, at source replacement, and thereafter at no longer than \_\_\_\_\_ intervals."  
(Insert 6 months or 3 years whichever interval is required for the sealed source in the device on which the label is placed.)
  6. "Loss, theft, or transfer of this device and failure of or damage to the shielding, the source containment or the on-off mechanism must be reported to the U. S. Nuclear Regulatory Commission or an Agreement State."
- B. The licensee shall assure that each device installed by the licensee which has been distributed to persons generally licensed pursuant to the provisions of Section 31.5, 10 CFR Part 31, bears a durable, clearly visible and legible label or labels containing the device model and serial number, the radiation symbol in colors magenta or purple on a yellow background, the words "CAUTION, RADIOACTIVE MATERIAL" or "DANGER, RADIOACTIVE MATERIAL," the quantity, identity and date of measurement of the radioactive material, and the name of the distributor of the device.
- C. Each label required by this condition shall bear the statement, "Removal of this label is prohibited."

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21. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application received March 22, 1979; letters dated February 15, 1980, and January 16, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Date May 10, 1985

Original Signed  
By Bruce S. Mallett  
Materials Licensing Section, Region III  
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