

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

37-13129-01

Docket or Reference number

030-06309

Amendment No. 25

Radiation Management Corporation  
Science Center Building #2  
3508 Market Street  
Philadelphia, Pennsylvania 19104

In accordance with letter dated June 5, 1985, License Number 37-13129-01 is amended as follows:

Items 6., 7., 8. and 9. are amended to read:

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. Any byproduct material with Atomic No. 1 through 83 inclusive

A. Any

A. Not to exceed 10 millicuries total, except the following sealed sources:

Cesium 137-Not to exceed 150 millicuries per source  
Cobalt 60-Not to exceed 100 millicuries per source  
Americium 241-Not to exceed 6 curies per source

B. Any byproduct material with Atomic Nos. above 84

B. Any

B. Not to exceed 10 microcuries per radionuclide and 1 millicurie total

C. Californium 252

C. Sealed source (U. S. Dept. of Energy SRL Models ALC, AT, N, SLAC, or SF-CF-2 through SR-CF-10)

C. Not to exceed 100 millicuries total

D. Any byproduct material

D. Any

D. Not to exceed 2 curies per radionuclide and 12 curies total

E. Any byproduct material with Atomic No. 1 through 84, inclusive

E. Any

E. Not to exceed 20 millicuries per radionuclide and 220 millicuries total except:

Krypton 85  
100 millicuries  
Xenon 133  
150 millicuries

F. Any byproduct material

F. Any

F. 1 millicurie total

G. Americium 241

G. Any

G. 1 millicurie total

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(6., 7. &amp; 8. continued)

## CONDITIONS

- |   |  |  |
|---|--|--|
| 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 |
| H. Any byproduct material with Atomic No. 1 through 84, inclusive | H. Any   | H. Not to exceed 0.1 millicurie per radio-nuclide and 10 millicuries total     |
| I. Any byproduct material   | I. Any   | I. 1 millicurie total  |
| J. Americium 241  | J. Sealed neutron sources                      | J. Not to exceed 6 curies per source   |
| K. Cesium 137   | K. Sealed source (J. L. Shepherd Model A-0096) | K. 130 curies  |
| L. Cesium 137   | L. Sealed source (Troxler Model A-102112)      | L. Not to exceed 10 millicuries per source                                     |
| M. Americium 241  | M. Sealed source (Troxler Model A-102451)      | M. Not to exceed 50 millicuries per source                                     |

## 9. Authorized use

- A. and B. For use in the calibration of instruments and analysis of test samples.  
C. For use in the calibration of instruments and activation analysis studies.  
D. For possession incident to the analysis of test samples, including leak test samples.  
E. For use in the calibration of instruments including dose calibrators.  
F. For possession incident to the analysis of test samples, including leak test samples.  
G. For use as instrument counting standards.  
H. For possession and use in the calibration of instruments and analysis of test samples.  
I. For possession incident to the analysis of test samples for stable compounds.  
J. For possession, storage, and use in determining the presence or absence of Boron Plates in fuel racks.  
K. For use in a J. L. Shepherd Model 28-10 calibrator to perform calibration of instruments, and radiation measurement studies, including the calibration of instruments for other persons as defined in 10 CFR 20.3(a)(11).  
L. and M. For use in Troxler Model 3400 Series Surface moisture/density gauges to measure properties of construction materials.

Conditions 10. and 16. are amended to read:

10. Licensed material specified in Items 6.A. through 6.M. above shall be used and/or possessed only at the following locations:

- A. through H. At 3508 (4th Floor) Market and 3440 Market Street, Philadelphia, Pennsylvania, except the licensed material specified in Items A. and B. may also be used at 1455 Schuykill Road (Route 724) Pottstown, Pennsylvania, Items 6.G. and 6.H. may also be used 3356 Commercial Avenue, Northbrook, Illinois and the licensed material specified in Item 6.D. through 6.F., and 6.H., may also be used and/or possessed at temporary job sites of the licensee anywhere in the United States where the Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

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(10. continued)

**CONDITIONS**

- I. At the licensee's Pottstown Ecological Laboratory, Water Quality Laboratory, Fricks Road, R.D. #1, Pottstown, Pennsylvania.
- J. At 3508 Market Street, Philadelphia, Pennsylvania or Adwin Industrial Park, Bechtel Power Corporation, 1500 S. Chester Pike, Eddystone, Pennsylvania.
- K. At 1455 Schuylkill Road (Route 724), Pottstown, Pennsylvania, or at 3440 Market Street, Philadelphia, Pennsylvania.
- L. and M. Stored at 3440 Market Street, Philadelphia, Pennsylvania and used 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.
16. 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 applications dated January 23, 1979, and May 29, 1979; and letters dated November 29, 1979, September 23, 1981, October 28, 1981, April 14, 1982, May 4, 1982, January 20, 1983, October 27, 1983, October 18, 1984, January 9, 1985, January 31, 1985 and June 5, 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.
- Conditions 17. and 18. are added to read:
17. Sealed sources containing licensed material shall not be opened or removed from moisture/density gauges by the licensee.
18. The licensee shall conduct a physical inventory every six (6) months to account for all gauges received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of licensed material, location of gauges and the date of the inventory.

For the U.S. Nuclear Regulatory Commission

Original Signed By:

John E. Glenn

By

Nuclear Materials Safety and  
Safeguards Branch, Region I  
King of Prussia, Pennsylvania 19406

JUN 07 1985

Date \_\_\_\_\_