

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

29-00651-05

Docket or Reference number

030-22099

Amendment No. 01

RCA Laboratories
201 Washington Road
Princeton, New Jersey 08540

In accordance with letter with enclosures dated July 10, 1985, License Number 29-00651-05 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. Iron 55 | A. Plated source (New England Nuclear, NER-9041) | A. 10 millicuries |
| B. Americium 241 | B. Sealed sources (Amersham Model AMC.2084) | B. 2 sources not to exceed 10 millicuries |
| C. Americium 241 | C. Sealed sources (Amersham Model AMC.21) | C. 2 sources not to exceed 3 millicuries per source |
| D. Cesium 137 | D. Sealed sources (Amersham Model CDC.803) | D. 2 sources not to exceed 3 millicuries per source |
| E. Any licensed material | E. Sealed sources (Amersham Model QCR.2 and QCR.12 Gamma Reference Source Sets) | E. Not to exceed 20 microcuries per source |
| F. Americium 241 | F. Sealed sources (Amersham Model AMC.25) | F. 2 sources not to exceed 45 millicuries per source |
| G. Americium 241 | G. Sealed sources (Amersham Model AMC.26) | G. 2 sources not to exceed 200 millicuries per source |

9. Authorized use

- A. through D., F. and G. Research and Development as defined in Section 30.4(q) of 10 CFR 30.
E. Calibration of X and gamma-ray spectrometers.

CONDITIONS

Conditions 12. and 17. are amended to read:

12. Licensed material shall be used by, or under the supervision of, Dr. James R. Matey, Rhoda M. Brown or Dr. A. M. Goodman.

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(continued)

17. 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 dated January 14, 1985; letters dated January 15, 1985 and January 31, 1985; and letter with enclosures dated July 10, 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

Original Signed By:
Janey M. Johnson

By

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

Date

SEP 30 1985