

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE

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Pursuant to the authority stated in AFI 40-201, Managing Radioactive Materials in the USAF, and in reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer and store radioactive materials listed below, and to use this material for the purpose and at the places listed below. This document is not a valid permit unless it is endorsed by a representative of the USAF Radioisotope Committee.

1. ORGANIZATION

808 MDG/CC
LEVITOW AVE
LAWRENCE AFB , AY 23567-5000

2. PERMIT NO.

AY-30276-05/03

3. AMENDMENT NO.

5

4. DOCKET NO.

030-03765

**5. RADIOACTIVE MATERIAL
(Element and Mass Numbers)**

**6. CHEMICAL/PHYSICAL FORM (NSN or Model Number)
(* denotes sealed sources)**

7. MAXIMUM QUANTITY AUTHORIZED

A. Any byproduct or accelerator produced material with atomic numbers 3 through 83

A. Any

A. As needed; not to exceed 20 Ci per source or 250 Ci total

B. Cesium-137

* B. Brachytherapy source

B. As needed; not to exceed 6 Ci total

C. Any accelerator produced material with atomic numbers 3 through 83, except Xenon-127

C. Any IND or FDA approved radiopharmaceutical

C. As needed; not to exceed 2 Ci per source and 100 Ci total

D. Any accelerator produced diagnostic calibration standard

D. Any

D. 15 milliCi per source, not to exceed 600 milliCi total

E. Cobalt-57

* E. SS&DR No. TX-1153-S-101-S (International Isotopes Idaho, Inc., BM01-10)

E. 25 milliCi per source, not to exceed 1 Ci total

F. Iodine-125

* F. SS&DR No. IL-1074-S-101-S (Bard Brachytherapy Inc., Model STM 1251)

F. 15 milliCi, not to exceed 1 Ci total

G. Iodine-131

G. Any IND or FDA approved radiopharmaceutical

G. As needed; not to exceed 2 Ci total

H. Iridium-192

* H. SS&DR No. NR-0187-S-101-S (Best Medical International, Inc., Model 81-01 Series)

H. 100 milliCi per source, not to exceed 1 Ci total

I. Palladium-103

* I. SS&DR No. GA-0645-S-101-S (Theragenics Corp., Theraseed Model 200)

I. 100 milliCi per source, not to exceed 1 Ci total

J. Sodium-22

* J. SS&DR No. CA-0406-S-106-S (Isotope Products Lab, Model 1104-74-9)

J. 95 microCi

8. AUTHORIZED USE

A. Medical use; research and development

B. Medical use; research and development

C. Medical use; research and development

D. Calibration

E. Medical use; research and development

F. Any manual brachytherapy procedure permitted by 10 CFR 35.400

G. Medical use; research and development

H. Any manual brachytherapy procedure permitted by 10 CFR 35.400

I. Any manual brachytherapy procedure permitted by 10 CFR 35.400

J. Any manual brachytherapy procedure permitted by 10 CFR 35.400