



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE MEDICAL OPERATIONS AGENCY
BROOKS AIR FORCE BASE, TEXAS

MEMORANDUM FOR USNRC, Region IV
Attention: Ms Linda McLean
FROM: HQ AFMOA/SGPR
8901 18th St
Brooks AFB TX 78235-5217

2 May 1994

SUBJECT: Request for Authority to Dispose of Wastes by Decay-in-Storage for Isotopes with Half-Life
Less Than 120 Days

We are requesting the authority to allow USAF Radioactive Material Permittees to perform radioactive waste disposal by decay-in-storage under 10 CFR 35.92 and 10 CFR 20.2001(a)(2) for radioisotopes with physical half lives less than 120 days.


Other than the increased half-life authorization, medical permittees will continue to decay-in-storage as specified in 10 CFR 35.92.

For non-medical permittees wishing to decay-in-storage under 10 CFR 20.2001(a)(2), the following procedures are required:

- a. Materials must be held for decay for a minimum of 10 half lives.
- b. Radioactive waste must be surveyed with an appropriate instrument to ensure that it cannot be distinguished from normal background.
- c. Radiation labels must be removed or obliterated.
- d. Materials would then be disposed of as normal trash.
- e. Records of waste disposal would be maintained for 3 years after disposal.

Compliance with these procedures and satisfactory control of materials in storage is ensured by inspection of permittees by the Air Force Safety Agency, Directorate of Medical Inspection (HQ AFIA/SGM).

If you have any questions, please contact Capt Montgomery at (210)536-3331, Telefax: (210)536-4382, or
E-mail: montgome@afoms.brooks.af.mil.


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Chief, USAF Radioisotope Committee Secretariat
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cc: HQ AFMOA/SGP/SGPA

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