

AEC/MED INVOLVEMENT AT SITE

Control

- AEC/MED managed operations
- AEC/MED responsible for accountability
- AEC/MED overviewed operations
- Contractor had total control
- unknown

- Health Physics Protection
 - Little or None
 - AEC/MED responsibility
 - Contractor responsibility

MATERIALS HANDLED:

Type (on basis of records reviewed)

- No Radioactive
- Natural Radioactive from Feed Materials Production
 - Ore
 - Refined Source Material
 - Residue
- Natural Radioactive Material from Non-Nuclear Activities
- Man-Made
- Other

Comment 4 Kg (approximately 10 grams) UO₂ provided NYU - use in Nuclear Chemistry Lab - purpose unknown

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment less than 10 pounds

OTHER PERTINENT FACTS:

- Facility was Licensed
 - During AEC/MED-Related Operations
 - For Similar Activities
 - For Other Activities

Comment SNM-968 - expired 6/30/74

Commercial Production Involving Radioactive Material during AEC/MED Operations

Facility was Decontaminated and Released

Availability of Close Out Records

- None
- Some
- Sufficient

Radioactive Status:

	YES	MAYBE	PROBABLY NOT	NOT
Contaminated Potential for Exposure (accessible)	---	---	X	---
	---	---	X	---

QUANTITY OF RECORDS AVAILABLE:

Very Little Some Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

Low Possible High

RECOMMENDATIONS:

Eliminate
 Consider for Remedial Action
 Collect More Data

Comment NYU work appears to be related primarily to equipment development especially counter. However, a small quantity of UG²³⁵ was provided by the HCC for work under contract.

REFERENCES:

See attached

SUMMARY

NYU was one of several institutions participating in nuclear science research with Brookhaven National Lab - 1946 - University did work with Tubuloy and UG²³⁵. Quantities were approximately small (Remed quantities) records indicate that the 4 Kg UG²³⁵ sent to NYU were removed. Records also indicate NYU involvement with MCD was primarily in the area of counting equipment development. Since quantities indicated in records were small - potential for contamination small or remote.

New York University
(Documentation from 1942-1952)

- A. Manhattan Directory lists no New York University contracts with MED.
- B. No indication of any on-site involvement by the MED.

C. Title 70 License.

Docket #	License #	Program Code	Exp Date
070-01015	SNM-968	22200	6/30/74

STATUS = Retired.

New York University was working on developing counting equipment for the University of Chicago in the early 1940s. During this same time, NYU also completed a paper which reported the specific heat and thermal conductivity of tuballoy at room temperature. A balance sheet ^{from 7/52} records 4 ^{kilograms} ~~pounds~~ of natural uranium in the form of UO_3 at NYU which was presumably at the Nichols Chemistry Laboratory. This uranium was associated with contract AT(30-1)-1256. The available records indicate that, except for tuballoy, NYU worked with natural uranium and worked in equipment development. Therefore, it is recommended that NYU be eliminated from ~~the~~ further FUSRAP consideration.

Baker and Company (3.1 CHO 4/25/42)

Prices for uranium nitrate.

Baker \$ 2.26/1b

El Dorado \$ 3.99/1b