

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 Polonium

Quantities (on the basis of records reviewed)

- None
 - Production Quantities
 - Small Amounts
- Comment Best guess

OTHER PERTINENT FACTS:

- Facility was Licensed
 - During AEC/MED-Related Operations
 - For Similar Activities
 - For Other Activities
- Comment SNM - 1091

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)	---	---	---	---

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

WA williams 9/6/91

Comment _____

REFERENCES:

Only available records are of a
Polonium spill

SUMMARY

The only records available relate to
a polonium spill. No records of any
AEC work.

Industrial Hygiene or Medical Dept.

Analytical Chemistry Dept.

I. H.# 493 Sample Nos. _____ Date Collected 2-4 by RCH Route to RCH
 Location Ohmart Type of Sample Smear Analyzed for alpha
 Remarks Polonium spill d/m/6in²

Date Received 2-5-54 by AK
 Date Reported 2-8-54 by BVS
 Method of Analysis Prop counter no.4
at 10:00A.M. 2-8-54 by AK MY
 Counting Data:
 BKGD .07 c/min. GEO 51%

Sample No.	Hour	Sample Description	R	T	Q	count	time	c/min.	d/min/6in ²
549	1:40	On office floor in middle of floor, approx. 6 in ² Alpha approx. 12,000				36	4	8.43	25
550	1:40	On office floor under desk, approx. 6 in ² Alpha approx. 11,000				26	30	0.80	2
551	1:40	In front of elevator, approx. 6 in ² Alpha approx. 25,000				36	30	1.13	3
		Sample 5 05 sent instead of 551 Results are for 5 05							