

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~~ Strontium 90

- Man-Made
- Other _____

Comment _____

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment total of 72 mCi of ⁹⁰Sr was placed on the site; calculations show that this had decayed

OTHER PERTINENT FACTS: to less than 4 mCi by March, 1981

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

Comment _____

Commercial Production Involving Radioactive Material during AEC/MED Operations

Facility was Decontaminated and Released -- area capped with reinforced concrete

- Availability of Close Out Records -- area enclosed with chain link fence
 - None
 - Some
 - Sufficient

Radioactive Status:

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

radiation survey showed no readings above background

(without removing the concrete slab)

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 _____

REFERENCES:

Peterson, Andris (Radiation Safety Officer, University of California, Berkeley); letter to Calvin A. Jackson, U.S. Department of Energy (March 4, 1981). Enclosures include March 2, 1981, radiation survey report.

(no references in Database system, 4/87)

SUMMARY

This site was used in a research project to ^{remediate} determine means of decontaminating soils containing radioactive strontium. The site was decontaminated by placing a reinforced concrete cap over the entire contaminated area, effectively eliminating the potential for exposure if the cap was not disturbed. Radiation surveys showed no readings ~~contamination~~ above background. Because the site appears to have been adequately covered such that there is no potential for exposure under reasonable circumstances, it is recommended that the site be eliminated. The site is fenced and marked and is under the jurisdiction of the University of California.