

IL.25

IL.25-1

MEMORANDUM

TO: FILE

DATE June, 28, 1990

FROM: Don Mackenzie

SUBJECT: Elimination of Vapotec Corp. from the FUSRAP program

SITE NAME: Vapotec Corporation

ALTERNATE NAME: Therm-A-Shield Co.

CITY: Blue Island

STATE: IL

OWNER(S)

Past: Mr. Kunst, President Current: Therm-A-Shield Co.

Owner contacted yes no; if yes, date contacted 5-27-89, contacted president's son

TYPE OF OPERATION

- Research & Development
- Production scale testing
- Pilot Scale
- Bench Scale Process
- Theoretical Studies
- Sample & Analysis
- Facility Type
- Manufacturing
- University
- Research Organization
- Government Sponsored Facility
- Other

- Production
- Disposal/Storage

TYPE OF CONTRACT

- Prime
- Subcontractor
- Purchase Order
- Other information (i.e., cost + fixed fee, unit price, time & material, etc) The two signed contracts totalled \$38,000 - subcontractor to the University of Chicago

Contract/Purchase Order # 7401-37-123, 7201-125

CONTRACTING PERIOD: 4-1-44 - 12-29-44

OWNERSHIP:

	AEC/MED OWNED	AEC/MED LEASED	GOVT OWNED	GOVT LEASED	CONTRACTOR OWNED	CONTRACTOR LEASED
LANDS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BUILDINGS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ORE OR RAW MATL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FINAL PRODUCT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WASTE & RESIDUE	<input type="checkbox"/> NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

John Kunst, Vapotec Corp was contacted and said that his father was president of the company in the mid-40s and that the company only mg a burner. Contracts refer to mg of gas, tools etc. No mention of radioactive material is made in any of the contract documents.

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 *N/A*
- 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 _____

Quantities (on the basis of records reviewed)

- None
- Small Amounts
- Production Quantities

Comment *The only mention of radioactive material is in a letter dated 9-8-44 which describes recommended plant changes to machine tubing into billets. Since the contract was terminated 12-27-44 it seems unlikely that changes in the plant were made and materials processed.*

OTHER PERTINENT FACTS:

- Facility was Licensed *No*
 - 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

Availability of Close Out Records

- None
- Some
- Sufficient

Radioactive Status:

	YES	MAYBE	PROBABLY NOT	NOT
Contaminated Potential for Exposure (accessible)	---	---	---	<u>X</u>
	---	---	---	<u>X</u>

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 None of the contracts or other data state that radioactive material was handled at this facility. The only mention of radioactive material is a letter stating changes needed in order to handle ~~radioactive~~ radioactive materials since the date of this letter is 2 months before termination of the contract. It is unlikely that ~~any~~ radioactive material was handled, and more likely that the contract was for work that did not involve radioactive materials.

REFERENCES:

- 9-8-44 from J. Nickens to W. Chi - concerning plant changes required to handle Radioactive Mat.
- 4-1-44 Contract for work with Univ of Chicago - #7401-37-123
- 12-27-44 Notice of termination of contract 7401-37-123
- 11-29-44 Termination of contract 7201-123
- 3-30-89 memo from J.M. Peterson - regarding site visit
- 5-27-89 Telecom record D. Kozlowski - conversation J. Kurst

SUMMARY

The Kapesier Corp was a subcontractor to the MED in 1944. There are no records that Kapesier Corporation ever handled radioactive material (RAM). The only mention of RAM in the correspondence is a letter dated two months before the termination of the contract which states changes that would be needed to handle RAM.

1388