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IL.23

MEMORANDUM

TO: FILE

DATE 5/15/87

FROM: D. Levine

SUBJECT: Elimination Recommendation

SITE NAME: Swenson Evaporator Co.

ALTERNATE NAME:

CITY: Harvey STATE: IL

OWNER(S)

Past: Swenson Evaporator Co. Current:

Owner contacted [] yes [x] no; if yes, date contacted

TYPE OF OPERATION

- Research & Development, Facility Type, Production scale testing, 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)

(arranged through Catalytic)

Contract/Purchase Order #

CONTRACTING PERIOD: March 20, 1951 ; raffinate spray drying test

OWNERSHIP:

Table with 7 columns: AEC/MED OWNED, AEC/MED LEASED, GOVT OWNED, GOVT LEASED, CONTRACTOR OWNED, CONTRACTOR LEASED. Rows include LANDS, BUILDINGS, EQUIPMENT, ORE OR RAW MATL, FINAL PRODUCT, WASTE & RESIDUE.

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

→ R.C. Heatherton, 3/27/51 memo

MATERIALS HANDLED:

Type (on basis of records reviewed)

- No Radioactive
 - Natural Radioactive from Feed Materials Production
 - Ore
 - Refined Source Material
 - Residue *raffinate liquors from Mallinckrodt*
 - Natural Radioactive Material from Non-Nuclear Activities
 - Man-Made
 - Other _____
- Comment _____

Quantities (on the basis of records reviewed)

- None Production Quantities
 - Small Amounts
- Comment *never processed: liquors were shipped to Swenson by Mallinckrodt in drums, and then shipped out (presumably) when the*

OTHER PERTINENT FACTS: *test was not performed*

- 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

- Availability of Close Out Records
 - None Some Sufficient

Radioactive Status:

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

no records indicating that drums were ever opened at Swenson site

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: (see attached database listing)

SUMMARY Swenson was scheduled to perform a raffinate spray drying test on March 20, 1957. However, the test was cancelled at the last minute. Because no handling of the ligands occurred due to cancellation of the test (ref. memo R.C. Heatherston to W.B. Harris, 3/27/57), it is highly unlikely that there was ever any contamination at the site. Therefore, it is recommended that this site be eliminated.

Swenson Evaporator Company
 Database References, 5/14/87

DATE	FILE#	FROM	TO	SUBJECT	SITES	BOX
03/27/51	IL.23	HEATHERTON, R.	HARRIS, W.	VISIT TO SWENSON EVAPORATOR CO., HARVEY, ILLINOIS, FOR RAFFINATE SPRAY DRYING TEST	SWENSON EVAPORATOR CO.	EML
				<i>duplicate record</i>		
03/26/51	IL.23	EISENBUD, M.	MOORE, D.	PILOT PLANT TESTING OF RAFFINATE SPRAY CALCINING	SWENSON	EML
				<i>duplicate record</i>		
03/20/51	IL.23	BROWN, S.	MOORE, D.	WEEKLY REPORT FOR WEEK ENDING 3/21/51	SWENSON EVAPORATOR	20
03/27/51	IL.23	HEATHERTON, R.	HARRIS, W.	VISIT TO SWENSON EVAPORATOR CO., HARVEY, ILLINOIS, FOR RAFFINATE SPRAY DRYING TEST	SWENSON EVAPORATOR CO.	EML
03/26/51	IL.23	EISENBUD, M.	MOORE, D.	PILOT PLANT TESTING OF RAFFINATE SPRAY CALCINING - SWENSON	SWENSON	EML
01/25/55	IL.23	PROCUREMENT	APPROVAL OF EXPENSES	APPROVAL OF PREMIUM EXPENDITURE - SWENSON EVAPORATOR DIVISION OF WHITING CORPORATION	SWENSON EVAPORATOR, WHITING CORPORATION	430