

TN.07-3

MEMORANDUM

TO: FILE  
FROM: Williams  
SUBJECT:

DATE 6/4/90

SITE NAME: Knoxville Iron Co ALTERNATE NAME:  
CITY: Knoxville STATE: TN

OWNER(S)  
Past: \_\_\_\_\_ Current: \_\_\_\_\_  
Owner contacted  yes  no; if yes, date contacted \_\_\_\_\_

TYPE OF OPERATION

- Research & Development
- Facility Type
- Production scale testing
- Pilot Scale
- Bench Scale Process
- Theoretical Studies
- Sample & Analysis
- 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) \_\_\_\_\_

SD-78N

Contract/Purchase Order # AT-(30-A)-1156

CONTRACTING PERIOD: 1957 - 1960 AT-(23-2)-4  
AT-(23-2)-4B

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FINAL PRODUCT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
WASTE & RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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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 Iron & Steel with uranium contamination.

Quantities (on the basis of records reviewed)

- None
  - Production Quantities
  - Small Amounts
- Comment \_\_\_\_\_

OTHER PERTINENT FACTS:

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

Comment License # C-5317 (Source Material) issued 1960

- 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)	---	<input checked="" type="checkbox"/>	---	---

QUANTITY OF RECORDS AVAILABLE:

Very Little

~~No~~ Some

Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

Low

Possible

High

RECOMMENDATIONS:

Eliminate

Consider for Remedial Action

Collect More Data

Comment \_\_\_\_\_  
\_\_\_\_\_

REFERENCES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SUMMARY

*Based on AEC license & high dilution  
of uranium in slag*

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