

IL 24

MEMORANDUM

TO: FILE  
FROM: W. A. Williams  
SUBJECT:

DATE May 23, 1990

SITE NAME: American Machine & Metals ALTERNATE NAME: \_\_\_\_\_

CITY: E. Moline STATE: IL

OWNER(S)  
Past: Company (?) 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) \_\_\_\_\_

Contract/Purchase Order # \_\_\_\_\_

CONTRACTING PERIOD: \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 Green Salt

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 \_\_\_\_\_

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

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:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SUMMARY

Quantities of green salt used were about 25 pounds. Most was returned to Tenneco. Residue, if any, would be a general license quantity under the NRC licensing scheme. No significant exposure likely.

ILLINOIS

American Machine and Metals, Inc.  
E. Moline, IL 61243

Thomas Ortciger, Director  
Illinois Department of Nuclear Safety  
1035 Outer Park Drive  
Springfield, IL 62704

Mayor Chalmer Emmendorf  
915 16th Ave.  
E. Moline, IL 61244

FileNo: IL.24 Pgm. under: fusrap-elim. Last Contact W/Site or Owner:  
RAD Survey: none Disp. Type: Elim.-informal IL.24

Site Name: American Machine and Metals, Inc.  
Altname1:  
Altname2:  
Altname3:  
Altname4:  
Activity Dates: 1960  
Dates if lic.:

Summary: Tested process for dewatering green salt by cenrtifugation. Tests were monitored by NLO in 1960.

Contaminants:

Site: Original FUSRAP named Company, Location, etc. (see new owner if original company sold/renamed/etc.)

Site Contact:  
Company Name: American Machine and Metals, Inc.  
Street:  
City: E. Moline  
State: IL ZIP:

Site: New or Most Recent Owner of FUSRAP listed company (may not require entry)

Owner Contact:  
Company Name:  
Street:  
City:  
State: ZIP:

Local Jurisdiction----(Mayor; Town Manager; or similar)

Name Contact: *Chalmer Emmendorfer*  
Office Name: *Mayor*  
Street: *915 16th Ave*  
City: E. Moline  
State: IL ZIP: *61244*

State Agency----(State Environmental Mgt.; Health & Safety; or similar)

Name Contact:  
State Office:  
Street:  
City:  
State: IL ZIP:

*10/21 . Mayor's office*  
*\* phone no number of*

*Checked*  
*→*

*and Metals, Inc*