

7886

US.06-1

D0000929 US

State: Unknown

Transcontinental Machine and Tool Co.

US.06-1

OTS NOTE

DATE: July 11, 1990

TO: Alexander Williams

FROM: Ed Mitchell ^{EM}

SUBJECT: Transcontinental Machine and Tool Elimination Recommendation

The purpose of this note is to provide you with certain information regarding the recommendation to eliminate the former Transcontinental Machine and Tool Company, USA, from consideration as a site under FUSRAP.

Enclosed is a memo dated July 9, 1990: FUSRAP Considered Site Recommendation, for Transcontinental Machine and Tool Company. It recommends elimination in accordance with FUSRAP protocol. Also enclosed is some typed input material (dated July 9, 1990) about the site that you may want to use in the preparation of your Record of Elimination.

If you concur, please provide a Record of Elimination to indicate DOE's decision to eliminate this site. In lieu of a separate memo, you may want to sign, indicate your DOE organization, and date your approval on the Recommendation. Upon receipt of your office's Record of Elimination, OTS will update the FUSRAP data base for considered sites, and we will add this site to the list of sites to be officially eliminated by DOE and noted to the DOE public document room within 90 days.

Please call me if you have any questions or would like to discuss this information.

cc: J. Wagoner
D. Tonkay
File FUSRAP US
File FUSRAP 1.21.1 w/o enclosure

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has 040

Approved
W. Alexander Williams

EM-421
7/25/90

CONFIRMED TO BE UNCLASSIFIED
DOE/OCCIR ODR
BY: Gerald W. Brothers (DR. SO-70)
DATE: 7-17-07

WITH ATTACH(S)/ENCL(S)
6 pgs

20070001408

MEMORANDUM

TO: FILE US.

DATE 9/9/90

FROM: D. TONKAY

*A Approved 7/25/90
W. Alexander Hill
EM-421*

SUBJECT: FUSRAP Considered Site Recommendation

SITE NAME: Transcontinental Machine and Tool Company ALTERNATE NAME: N/A

CITY: (unknown) STATE: (unknown)

OWNER(S)
Past: (unknown) Current: _____
Owner contacted yes no; if yes, date contacted _____

TYPE OF OPERATION

- Research & Development
- Production scale testing *In support of evaluation of Uranium fabrication methods*
- Pilot Scale
- Bench Scale Process
- Theoretical Studies
- Sample & Analysis
- Facility Type
- Manufacturing *machine shop*
- 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 # (unknown)

CONTRACTING PERIOD: (unknown)

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 checked="" 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"/>

? = Assumed

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 maximum metal slugs machined in support of Savannah River

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment At least 16 billets, 1,200 slugs

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)	---	---	X	---

QUANTITY OF RECORDS AVAILABLE:

Very Little (*incond*) Some Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

Low Possible High

RECOMMENDATIONS:

- Eliminate
- Consider for Remedial Action
- Collect More Data

Comment ~~UNRECOMMENDED~~ *No survey possible without knowing location. Surveys at similar machine shops conducted by MED/AEC found radiological conditions that did not exceed DOE guidelines*

REFERENCES: *US AEC Memorandum dated August 9, 1951 (Attached)*

SUMMARY

Historical information indicates that metal uranium shops would be machined in support of the Savannah River program for evaluation of uranium fabrication methods. No site information is available. Based on surveys at other machine shop locations conducted by MED/AEC, and the low potential remaining for contamination at an unknown site, the site should be ~~removed~~ eliminated from further investigation under FUSRAP.

DW

S

W. J. O'Leary, Savannah River Operations Office, Wilmington
URANIUM EVALUATION FOR SAVANNAH RIVER

SYMBOL: T:PJS:m/ldr

Savannah

Regarding the Savannah River program for the evaluation of uranium fabrication methods, it is desired that slugs machined at Trans-continental Machine and Tool Company from metal rolled at Bethlehem Steel Company's Lackawanna Plant on July 29, 1951, be transferred to ANL for inspection and camming tests. All slugs, properly identified in accordance with earlier specifications, from at least sixteen (16) billets should be shipped to ANL, whether they meet dimensional specifications or not, so that a lineal position correlation can be obtained. The total number of slugs should be approximately 1,280. It will be suitable to us if the additional slugs from billets over the prescribed sixteen are also shipped.

In addition, a few special pieces are needed for metallurgical examination at ANL. It is understood that these pieces are to be selected at the machine shop by Mr. R. H. Hobert of du Pont and representatives from NYO.

We would appreciate shipment of the machined slugs and samples, as described above, to

Attn: Mr. J. F. Schumar
Argonne National Laboratory
Bailey Road, 1/2 mi. South of US Rt. 66
Lemont, Illinois

SF accountability should be transferred to Station ANL.

CONFIRMED TO BE UNCLASSIFIED
DOE/OCCIR *gnh DD H590*
BY: Gerald W. Brothers (DR 50-70)
DATE: 7-17-07

W. J. O'Leary
Technical & Production Division

RECEIVED
AUG 10 1951
New York Operations Office

~~OFFICIAL USE ONLY~~

→ AUG 10 1951

MEP History - NYO
Box # 25: Savannah, NY
SIP, P, MCNT 467-23
ADCO

7/9/90

Input for Elimination from Consideration from FUSRAP

Site Name(s): Transcontinental Machine and Tool Company
Location: (Unknown)

Owner: (Unknown)
Address: (Unknown)

Summary of MED/AEC Activity: Historical information indicates that the Transcontinental Machine and Tool Company performed machining of uranium metal slugs in support of Savannah River program for the evaluation of uranium fabrication methods. Specifics of operation and location are unknown based on very limited data.

Quantity and Materials Handled: At least 16 billets (1,280 slugs).

Basis for Decision: Although there is some potential for contamination, the location of the site is unknown and therefore the site cannot be surveyed. Surveys at similar machine shops contracted by AEC (former William E. Pratt Manufacturing Company, Quality Hardware and Machine Corp.) found that radiological conditions did not exceed DOE guidelines for release without radiological restrictions. The Transcontinental Machine and Tool Company is therefore eliminated for consideration under FUSRAP, since there is little or no potential for contamination and the location is unknown.

CONFIRMED TO BE UNCLASSIFIED
BY OFFICE OF DECLASSIFICATION
R.R. SCHWARTZ A.D.D. DATE:

RR Schwartz 8/10/07