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MEMORANDUM

TO: FILE

DATE 11/3/87

FROM: Andrew Wallo III

SUBJECT: Elimination of Wycoff Drawn Steel Co.

SITE NAME: Wycoff Drawn Steel Co ALTERNATE NAME:

CITY: Chicago STATE: IL

OWNER(S) Past: Wycoff Drawn Steel Current: Owner contacted [] yes [x] no; if yes, date contacted

TYPE OF OPERATION

- [x] Research & Development [] Facility Type [] Production scale testing [] Pilot Scale [] Bench Scale Process [] Theoretical Studies [] Sample & Analysis [x] Experimental [] Production [] Disposal/Storage [] Manufacturing [] University [] Research Organization [] Government Sponsored Facility [] Other

TYPE OF CONTRACT

- [] Prime [] Subcontractor [] Purchase Order [] Other information (i.e., cost + fixed fee, unit price, time & material, etc)

Contract/Purchase Order #

CONTRACTING PERIOD: Early 1940's (Met. Lab. Personnel used equipment on site)

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.

MED Metallurgical Laboratory Personnel used equipment at Wycoff to do some centerless grinding experiments on a few uranium rods.

AEC/MED INVOLVEMENT AT SITE

Control

- AEC/MED managed operations (met Lab)
- AEC/MED responsible for accountability (met Lab)
- AEC/MED overviewed operations
- Contractor had total control
- unknown

Health Physics Protection

- Little or None
- AEC/MED responsibility (met Lab)
- 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 Uranium Metal (A few rods)

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment Experiments were done on a few rods brought in by the MET. LAB.

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 |
| | --- | --- | --- | X |

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 It is clear from the records that very little uranium was used at Wycott and it was controlled by the MET LAB. The lack of other records suggests no production work was done at Wycott and probable no work after 1943.

REFERENCES:

Attached

SUMMARY

Records indicate Wycott was only used by MED/MET LAB in the early 1940's to conduct experiments related to centerless grinding of uranium vcd. Only a few pieces were brought in by the MET LAB and in all cases MET LAB personnel maintained control. Probably no work was done after 1943. Based on these records and the MET LAB operating practices described in the MED History, there is no potential for exposures in excess of guidelines at this site.

WYCOFF

~~XXXXXXXXXXXXXXXXXXXX~~
Chicago, IL

| DATE | FILE# | FROM | TO | SUBJECT | SITES | BOX # |
|---------------------|-------------------|-----------------------|-----------------------|--|--|---------------------|
| ✓ 07/28/43 | 3.1CHD | CREUTZ, E. | COOPER, C. | SUMMARY ON THE USE OF CENTERLESS GRINDING EQUIPMENT ON URANIUM | SUMMERILL TUBING CO., WYCOFF DRAWN STEEL CO., ZEPHYR LAUNDRY MACHINE CO., INTERNATIONAL REGISTER CO. | MLRF 1969 |
| 04/23/43 | 3.1CHD | CHIPMAN, J. | DOAN, R. | LIST OF COMMERCIAL FIRMS DEALING WITH MET LABS | WOLVERINE, W.R. PRATT, JOSLYN, MIDWEST MANU. CO., GLOBE STEEL, ALCOA, B&T METALS, SUMMERILL, INTERNATIONAL REGISTER, WYCOFF, DOW | 7X 3763 |
| 07/28/43 | 3.1CHD | CREUTZ, E. | COOPER, C. | CENTERLESS GRINDING | SUMMERILL TUBING, WYCOFF DRAWN STEEL, ZEPHYR LAUNDRY MACHINE, INTERNATIONAL REGISTER, GLOBE STEEL TUBES | 34X 3763 |