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MEMORANDUM

TO: FILE

DATE 11/24/87

FROM: A. Wall

SUBJECT: Elimination of Allis-Chalmers, Milwaukee

SITE NAME: Allis-Chalmers

ALTERNATE NAME: Hawley Plant

CITY: Milwaukee STATE: WI

OWNER(S)

Past: Current: Owner contacted [x] yes [ ] no; if yes, date contacted 11/24/87

(414) 475-3796 D. Thistle

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 # More than 10 Contracts (See References)

CONTRACTING PERIOD:

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.

Allis-Chalmers supported DOE predecessors from several locations - The Hawley plant was a government built plant for production of Auxiliary Equipment for K-25 or Y-12. Other facilities were owned by the company.

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 Correspondence suggests some uranium Hexafluoride was used at the Hawley plant to test equipment.

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment Very small quantities of radioactive material was used. its purpose was for equipment tests. The equipment was used by

OTHER PERTINENT FACTS: the MED/AEC.

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

Comment All S-ch/mers conducted nuclear work involved in reactor design and fuel production at other facilities including Greenendale WI (also in the Milwaukee area) this work was licensed.

- 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
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Contaminated Potential for Exposure (accessible)

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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 The quantities of radioactive material used here were small and do not warrant further FUSRAP investigation

REFERENCES:

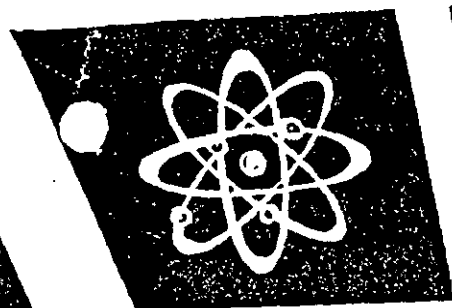
Attached

and Manufacture of  
Cyclotrons or Betatrons

SUMMARY Allis-Chalmers has a long association with DOE Predecessors and the Nuclear Industry. The company produced electrical equipment, pumps, motors, switch gear and so forth at its Hawley plant in West Allis, WI (greater Milwaukee). It was also involved in reactor design, construction and fuel (uranium) production. However, these activities were licensed and were at other locations such as the former Greendale plant. These activities are under the jurisdiction of the NRC and are not addressed here.

The Hawley plant was designed, constructed and operated by A-C for the MED. Its primary purpose was the production of pumps and drivers for K-25. It was eventually sold to A-C by the government and used for production of other equipment like switch gear for Y-12 and K-25. These production activities involved no radioactive components. However, some material (very small quantities) of uranium was used for testing. a "limited" amount of  $U_3O_8$  was used for pump testing and small amounts of uranium metal (< 100 pounds) and magnesium fluoride recycle slag (50 lbs at 1-2% uranium) were used possibly for betatron testing of the metal ingots. Such quantities pose very little potential for resulting in residual radioactivity above guidelines. The plant ~~was built~~ in ~~the~~ 1950's was used for switch gear production. It was sold and all equipment removed. A-C personnel indicate it was sold again and the remodeled shell is used by a discount store. There is no reason to suspect any significant residual materials remain at the site. and it is eliminated from FUSRAP consideration

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**UNITED STATES  
ATOMIC ENERGY COMMISSION**  
WASHINGTON, D.C. 20545

No. IN-567  
Tel. 973-3335 or  
973-3446

FOR IMMEDIATE RELEASE  
(Tuesday, March 16, 1965)

*Partial*

**PROCUREMENT CONTRACT AWARDS BY AEC AND PRIME COST  
TYPE CONTRACTORS FOR DECEMBER, 1964**

New procurement contracts (\$25,000 or more) awarded during December, 1964 by the Atomic Energy Commission and its prime cost type contractors are attached.

The listing is made up chiefly of sub-contracts awarded by the AEC's prime cost-reimbursable contractors. Some new AEC prime contract awards, however, are included. Some contracts awarded before December are reported for the first time. They are identified with the number of the month in parenthesis before the contractor's name.

Prime contractors are listed under Commission field or area offices that administer the contract. Sub-contracts are listed under the prime contractor making the award.

Excluded from this list are intra-governmental contracts, classified contracts, modifications of previously-existing contracts, and contracts for routine rentals and utility services. Also excluded are contracts made between subsidiary companies of the same organization.

Inquiries about these contracts, and requests to be put on future bidders' invitation lists for supplying material or work similar to the contracts listed, should be forwarded to the appropriate field office. Complete records of each prime and sub-contract are not maintained in the Commission's Washington headquarters.

326-6811-098  
LOC/710/1697050

Box # 11/1/65  
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#(11/1070) on front of binder

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ATTACHMENT

1- Henry Dagle  
1- Bob Watts

BROOKHAVEN OFFICE (CONT'D)

The Office of Max O. Urbahn, Architects and Seelye Stevenson Value & Knecht,  
New York - \$205,000 - Services for lecture-hall and cafeteria - AT-(30-2)-52.

SUB-CONTRACTS UNDER AEC PRIME CONTRACTOR

PRIME CONTRACTOR: Associated Universities, Inc., Upton, L.I., N.Y.,  
AT-(30-2)-Gen-16 (Operation and management of the  
Brookhaven National Laboratory):

Architect-Engineer Services

Chas. T. Main, Inc., Boston - \$257,000 - Services for conversion project -  
041000.

On-Site Construction

Harold A. Brandt, Inc., Manhasset, N.Y. - \$51,484 - Lighting, fire alarm  
and laboratory equipment - 047379.

J.F. O'Healy Construction Corp., Bayport, N.Y. - \$28,331 - Addition to storm  
drainage system - 049462.

C.A. Mulligan, Inc., Central Islip, N.Y. - \$25,970 - Electrical installations -  
048563.

(11)Palomar Bldg. Corp., Woodbury, N.Y. - \$29,486 - Relocation of dormitory  
building - 042930.

Materials, Supplies and Equipment

(11)Allis Chalmers Mfg. Co., Boston - \$63,785 - Main magnet field coils -  
041794.

(10)Chronetics, Inc., Yonkers, N.Y. - \$59,755 - Nanocard logic system units -  
042838-COS.

Morrison Steel Co., New Brunswick, N.J. - \$26,732 - Stainless steel - 047464.

CHICAGO OPERATIONS OFFICE  
Argonne, Ill.

NEW AEC PRIME CONTRACTS

On-Site Construction

Gardner Construction Co., Oak Park, Ill. - \$122,187 - Modifications to central  
library - AT-(11-1)-1435.

(more)