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THE AEROSPACE CORPORATION



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7117-03.87.cdy.27  
27 May 1987

Mr. Andrew Wallo, III, NE-23  
Division of Facility & Site  
Decommissioning Projects  
U.S. Department of Energy  
Germantown, Maryland, 20545

Dear Mr. Wallo:

#### STATUS OF ACTIONS - FUSRAP SITE LIST

Aerospace recently completed a comprehensive review of sites listed in the FUSRAP Site Investigation and Remedial Action Summary Report, dated December 31, 1986. The primary objectives of this review were to examine the status of each site identified in Sections II and III of the Report with respect to actions required to complete the Identification and Characterization Process; to provide DFSD a current status of these actions; and to identify and evaluate measures to expedite the process by eliminating repetition in the preparation of reports and memoranda required to formally document individual site designation and elimination decisions made by DFSD.

The review was conducted in two phases. The first phase addressed the 217 sites eliminated from further consideration as candidates for remedial action under FUSRAP that are identified in Section III of the Report. The second phase of the review addressed the 132 sites identified in Section II of the Report that are currently under investigation or consideration. The principal focus of the second phase of the review was to identify those sites that have been referred to other elements of the Department, to the Nuclear Regulatory Commission and to the Department of Defense for further study and appropriate action.

Sites listed in Section III of the report are included in Enclosures 1 through 5. The sites listed in these enclosures have been eliminated from further consideration under FUSRAP. In addition to the list of sites, each enclosure contains a brief statement of the status of Aerospace actions and, where appropriate, recommendations to expedite the formal documentation of elimination decisions and closeout of site files.

Sites identified in Section II of the Report are included in Enclosures 6 and 7. The sites listed in these enclosures are under investigation or consideration to determine if there is a potential for residual radioactive

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contamination from operations conducted in support of MED or AEC activities and if the Department has authority to conduct remedial action, if required. In addition to the list of sites, the enclosures contain a brief statement of the status of Aerospace actions and, where appropriate, recommended actions to expedite the Identification and Characterization Process.

The following is a summary of the recommendations presented in the enclosures for your consideration.

1. That Aerospace terminate the Identification and Characterization Process with respect to those sites identified in Enclosure 2 that are being addressed under other programs; and, that your approval of this letter serve as the record of elimination decision and authority for Aerospace to close out the respective site files.
2. That Aerospace terminate the Identification and Characterization Process with respect to the sites identified in Enclosure 3 that have been transferred to other elements of the Department and to the Department of Defense and the Nuclear Regulatory Commission for consideration and appropriate action; and, that the correspondence referenced in the enclosure serve as the record of elimination decision and authority to close out the files of the sites identified therein.
3. That Aerospace terminate the Identification and Characterization Process with respect to those sites identified in Enclosure 4 that were eliminated from further consideration under FUSRAP based upon indications that the potential for residual contamination at the sites is remote; and, that approval of this letter serve as the record of elimination decision and authority for Aerospace to close out the respective site files.
4. That Aerospace summarize information from records on file for each of the sites identified in Enclosure 5 known to have been licensed by the AEC or NRC; that the information assembled be forwarded to the NRC by letter referring the sites for their consideration and appropriate action; and, that the referral letter serve as the record of elimination of those sites from FUSRAP and authority to close out the files of sites identified therein.
5. That the sites listed in Enclosure 6 be eliminated from further consideration for remedial action under FUSRAP; that the update of the FUSRAP Site Investigation and Summary Report reflect a transfer of information pertaining to these sites from Section II to Section

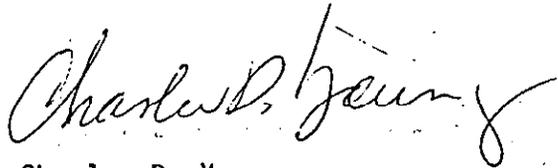
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III; and, that the correspondence referenced in the enclosure serve as the record of elimination decision and authority to close out the respective site files.

In anticipation of your approval of these recommendations, Aerospace efforts will be directed toward documentation of elimination decisions and close out of the site files for those sites identified in Enclosure 5, and the continuation of records searches and compilation of data to determine the potential for residual radioactive contamination at the sites identified in Enclosure 7.

Please call me if you have questions regarding the recommendations presented above or the material presented in the enclosures.

Sincerely,



Charles D. Young  
Project Engineer  
Government Support Directorate  
Architecture Planning and  
Technology Division

CDY/smb

Enclosures

cc: J. Fiore  
R. Lewis (w/o)  
File

bcc: E. Katz  
S. Jones  
D. Levine

## ENCLOSURE 1

## SITES ELIMINATED FROM FUSRAP - ELIMINATION ACTIONS COMPLETE

STATUS: Formal elimination of the sites listed below from further consideration under FUSRAP has been completed. Actions taken to document elimination decisions are noted.

RECOMMENDATIONS: None

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Amchitka Island Site	Amchitka Island, AK	Note 3
TVA (Muscle Shoals)	Muscle Shoals, AL	Note 5
Globe (Cutter) Ore Buying Station	Cutter, AZ	Note 3
University of Arizona (BQM)	Tuscon, AZ	Note 5
Authur D. Little Company	San Francisco, CA	Note 3
Atomics International (Canoga Park)	Santa Susanna, CA	Note 1
University of California	Berkley, CA	Note 1
Burris Park Field Station	Kingsburg, CA	Note 3
Dow Chemical Company	Walnut Creek, CA	Note 5
American Smelting and Refining Co.	Grand Junction, CO	Note 3
Colorado School of Mines	Golden, CO	Note 5
Bureau of Mines	Denver, CO	Note 3
Marion Mill Site	Boulder, CO	Note 6
Shattuck Chemical	Denver, CO	Note 3
Project Rio Blanco	Rio Blanco, CO	Note 3
Project Rulison	Garfield County, CO	Note 3
American Brass Co. (Anaconda Co.)	Waterbury, CT	Note 4
Bridgeport Brass Co. (Havens Lab)	Bridgeport, CT	Note 5
Metals Selling Corporation	Putman, CT	Note 3
New England Lime Company	Canaan, CT	Note 3
Torrington Company	Torrington, CT	Note 3
Allied Chemical Corporation	North Claymont, DE	Note 4
C.F. Industries, Inc.	Bartow, FL	Note 1
Conserv	Nichols, FL	Note 1
Gardinier, Inc.	Tampa, FL	Note 1
International Minerals & Chem. Corp	Mulberry, FL	Note 1
U.S. Steel Corp (USS Agri-Chemical)	Bartow, FL	Note 1
W.R. Grace	Riagewood, FL	Note 1
Armour Reasearch Foundation	Chicago, IL	Note 3
GSA 39th Street Warehouse	Chicago, IL	Note 1
Museum of Science and Industry	Chicago, IL	Note 1
Olin Corporation (Blockson Chemical)	Joliet, IL	Note 1
Swenson Evaporator Company	Harvey, IL	Note 3
Joslyn Manufacturing & Supply Co.	Ft. Wayne, IN	Note 4
Spencer Chemical (Jayhawks Works)	Pittsburgh, KS	Note 3
Watertown Arsenal	Watertown, MA	Note 1
Winchester Engineering & Analytical Center	Winchester, MA	Note 2
Woburn Landfill (Winchester VP)	Woburn, MA	Note 2

Enclosure 1 (Continued)

SITES ELIMINATED FROM FUSRAP - ELIMINATION ACTIONS COMPLETE

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Spencer Chemical Company	Kansas City, MO	Note 3
Tatum Salt Dome Test Site	Hattiesburg, MS	Note 3
Bakelite Corporation	Bound Brook, NJ	Note 3
J.T. Baker Chemical Company	Phillipsburg, NJ	Note 3
Princeton University	Princeton, NJ	Note 1
Vitro Laboratories	West Grange, NJ	Note 1
Westinghouse Electric Corp.	Bloomfield, NJ	Note 1
U.S. Pipe and Foundry Company	Burlington, NJ	Note 3
Grants Ore Buying Station	Grants, NM	Note 3
Los Alamos County	Los Alamos, NM	Note 1
University of Nevada	Reno, NV	Note 1
African Metals	New York, NY	Note 3
Al-Tech (Allegheny Ludlum Steel)	Dunkirk, NY	Note 1
Al-Tech (Allegheny Ludlum Steel)	Watervliet, NY	Note 1
Bethlehem Steel	Lackawanna, NY	Note 1
Columbia University	New York, NY	Note 1
Electromet	Niagara Falls, NY	Note 1
Hooker Chemical & Plastic Corp.	Niagara Falls, NY	Note 1
Love Canal	Niagara Falls, NY	Note 3
Staten Island Warehouse	Port Richmond, NY	Note 2
Simonds Saw and Steel Company	Lockport, NY	Note 1
Sylvania Corning Nuclear Corp.	Bayside, NY	Note 1
Queen City Barrel Company	Cincinnati, OH	Note 3
Ohmart	Cincinnati, OH	Note 3
Brush Beryllium (Chester Street)	Cleveland, OH	Note 1
Brush Beryllium (Perkins Avenue)	Cleveland, OH	Note 1
Clecon Metals, Inc. (Horizons, Inc.)	Cleveland, OH	Note 1
Dupont Grasselle Plant	Cleveland, OH	Note 1
Harshaw Chemical Company	Cleveland, OH	Note 1
Brush Beryllium Company	Elmore, OH	Note 3
Brush Beryllium Company	Lucky, OH	Note 3
Clifton Products Company	Painesville, OH	Note 3
Superior Steel Company	Carnegie, PA	Note 2
Rohm & Haas Company	Philadelphia, PA	Note 1
Sharples Corporation	Philadelphia, PA	Note 3
Westinghouse Atomic Plant	Pittsburgh, PA	Note 1
Carnegie Institute of Technology	Saxonburg, PA	Note 3
Falls City Uranium Ore Stockpile	Falls City, TX	Note 3
Mathieson Chemical Company	Pasadena, TX	Note 1
Texas City Chemicals, Inc.	Texas City, TX	Note 1
Marysville Ore Buying Station	Marysville, UT	Note 3
Monticello Ore Buying Station	Monticello, UT	Note 3
U.S. Bureau of Mines	Salt Lake City, UT	Note 4
University of Utah	Salt Lake City, UT	Note 5
White Canyon Ore Buying Station	White Canyon, UT	Note 3

Enclosure 1 (Continued)

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Virginia-Carolina Corp. National Bureau of Standards	Richmond, VA Washington, DC	Note 1 Note 4

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Note 1. Elimination action included preparation of a Federal Register Notice.

Note 2. Final elimination reports or authority reviews approved by DFSD.

Note 3. Record of elimination - Memoranda to File. Elimination decisions for sites in this category are based upon absence of indication that there is potential for residual radioactive contamination from MED or AEC operations.

Note 4. Final elimination reports, site summaries and draft letters of notification were delivered and approved by DFSD.

Note 5. Final elimination package (described in Note 4) were delivered - under review by DFSD (5/14/87).

Note 6. Elimination of the site from consideration under FUSRAP is documented by Aerospace letter dated 8 March 1984, subject: Review of Information on the Marion Mill Site, Colorado, to Support DOE FUSRAP Eligibility Analysis; and DOE letter to Vranesh and Raisch (Law Firm) dated 7 August 1986.

ENCLOSURE 2

SITES ELIMINATED FROM FUSRAP - ADDRESSED UNDER OTHER PROGRAMS

STATUS: The sites listed below were eliminated from consideration under FUSRAP based upon information that the responsibility of remedial action, environmental monitoring and/or control of these sites has been assumed by other DOE programs or offices or other Federal agencies. The responsible Program, Office, or other Federal agency is identified under Remarks.

RECOMMENDATIONS: That Aerospace terminate the Identification and Characterization Process with respect to the sites listed below and that approval of the recommendations contained in the letter to which this enclosure is appended serve as a record of elimination decisions and authority for Aerospace to close out the respective site files.

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Climax Uranium Company	Grand Junction, CO	UMTRAP
Slick Rock Processing Site	Slick Rock, CO	UMTRAP
Ames Research Reactor Facility	Ames, IA	Note 1
Kerr-McGee & Reed-Kepler Park	West Chicago, IL	NRC
Bendix Aviation	Kansas City, MO	Active DOE Contract
Weldon Spring Site	St. Charles County, MO	SFMP
West Lake Landfill	St. Louis, MO	NRC
Nebraska Nuclear Power Facility	Hallam, NE	SFMP
New Brunswick Laboratory	New Brunswick, NJ	SFMP
U.S. Radium Corporation	Orange, NJ	Super Fund Site
LASL Land Parcels (9)	Los Alamos, NM	Note 2
Project Gnome Site	Carlsbad, NM	Note 1,2
Trinity Test Site	White Sands, NM	Note 2
Nuclear Rocket Dev. Station (NTS)	Mercury, NV	SFMP
Project Gas Buggy	Nevada	SFMP, Note 2
Niagara Falls Storage Site	Lewiston, NY	SFMP
Sylvania-Corning Plant	Hicksville, NY	Active NRC License
West Valley Site	West Valley, NY	WVDP
Battelle Columbus Laboratory (Pu Facility)	Columbus, OH	SFMP, Note 1
Battelle Memorial Institute (King Avenue)	Columbus, OH	SFMP
Bridgeport Brass	Astabula, OH	Active DOE Contract
Piqua Nuclear Facility	Piqua, OH	SFMP
Canonsburg Industrial Park	Canonsburg, PA	UMTRAP
Westinghouse Advanced Reactor Division	Cheswick, PA	Note 1, NRC
Penn Central Site (Burrell Township)	Blairsville, PA	UMTRAP

ENCLOSURE 2 (Continued)

SITES ELIMINATED FROM FUSRAP - ADDRESSED UNDER OTHER PROGRAMS

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Shippingport Site Vanadium Corp. of America	Shippingport, PA Bridgeville, PA	SFMP UMTRAP
Bonus Power Station CEER CEER (Center for Energy & Environmental Research)	Puerto Rico Rio Piedras, PR Mayaguez, PR	Decommissioned Note 1 SFMP
Savannah River Swamp (Vicinity)	Aiken, SC	SR00
Edgemont Uranium Mill	Edgemont, SD	Note 3
Falls City Uranium Mill	Falls City, TX	UMTRAP
Monticello Uranium Mill	Monticello, UT	SFMP
Riverton Ore Buying Station	Riverton, WY	UMTRAP

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Note 1. "Orphan Site". Federal Register Notices were prepared and documentation was forwarded to DOE Office of Operational Safety, Environmental Protection Division by Aerospace letter dated 29 March 1985.

Note 2. Remedial action was completed - site was released with restrictions and is monitored by DOE.

Note 3. TVA is responsible for cleanup of the processing site (Mill and Tailings Pile). UMTRAP is responsible for cleanup of vicinity properties.

ENCLOSURE 3

SITES ELIMINATED FROM FUSRAP - NO AUTHORITY - TRANSFERRED

STATUS: The sites listed below were eliminated from consideration under FUSRAP based upon determinations that there is no authority under the Atomic Energy Act of 1954, as amended, to conduct remedial action if such is required. The basis for the determinations were as follows:

- o The sites were operated under AEC license. Responsibility for clean up was a condition of license termination under jurisdiction of AEC or NRC. Four sites were referred to the NRC for consideration and appropriate action by DOE letter dated May 14, 1986.
- o The sites were used in support of the AEC Feed Materials Production Center (FMPC - Fernald, OH) and were operated under direct supervision of the National Lead Company of Ohio, the AEC prime contractor for operation of the FMPC. These sites were referred to the Procurement and Contracts Division (AD-42), Oak Ridge Operations Office (ORO) for consideration and appropriate action under the NLO contract by letter dated 28 July 1987.
- o The sites were located on Department of Defense (DOD) facilities that were returned to the appropriate Service (Army, Navy or Air Force) when MED or AEC tenant operations were completed. No records have been found that indicate a potential for residual radioactive contamination at any of the sites in this category.

RECOMMENDATIONS: That Aerospace terminate the Identification and Characterization Process with respect to the sites listed below and that the correspondence referenced above that referred the sites to the NRC, the Oak Ridge Operations Office and the Department of Defense serve as the record of elimination decisions and authority for Aerospace to close out the respective site files.

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Alabama Ordnance Works	Sylacauga, AL	DOD
Navy Yard	Mare Island, CA	DOD
University of Florida	Gainesville, FL	ORO, Note 1
American Bearing Corporation	Indianapolis, IN	NRC
Wabash River Ordnance Works	Newport, IN	DOD
Naval Ordnance Lab.	Silver Spring, MD	DOD, Note 1
Oliver Corporation	Battlecreek, MI	NRC
Raritan Arsenal	Edison, NJ	DOD
Naval Office, Univ. of NM	Albuquerque, NM	DOD
Seneca Army Depot	Romulus, NY	DOD
Utica Drop Forge & Tool Co.	Utica, NY	ORO
Ohio State University	Columbus, OH	ORO, Note 1

ENCLOSURE 3 (Continued)

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Ajax Magnethermic Corporation	Youngstown, OH	NRC
Cincinnati Milling & Machine Co.	Cincinnati, OH	ORO, Note 1
Knoxville Iron Company	Knoxville, TN	NRC
Morgantown Ordnance Works	Monogalia County, WV	DOD

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Note 1. Sites are currently operating under active NRC license.

ENCLOSURE 4

SITES ELIMINATED FROM FUSRAP - RESEARCH FACILITIES (UNIVERSITIES)

STATUS: The twenty-six universities identified below were eliminated from further consideration under FUSRAP based upon information that the work done under contract with the MED and AEC was limited to a research environment and involved only small quantities of radioactive material. No information was found that would indicate a potential for residual radioactive material from these operations. The probability of finding information to the contrary is considered remote. Therefore, further investigation is not warranted.

RECOMMENDATIONS: That Aerospace terminate the Identification and Characterization Process with respect to these sites and that approval of the recommendations contained in the letter to which this enclosure is appended serve as a record of elimination decisions and authority for Aerospace to close out the respective site files.

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
California Inst. of Technology	Pasadena, CA	
University of California	Davis, CA	Note 1
Yale Heavy Ion Linear Accelerator	New Haven, CT	
University of Miami	Perrine Field, FL	
Indiana University	Indiana	
Purdue University	Lafayette, IN	
Van Der Graaf Laboratory		
University of Notre Dame	South Bend, IN	Note 1
Harvard University	Cambridge, MA	
Johns Hopkins University	Baltimore, MD	
University of Michigan	Ann Arbor, MI	
St. Louis University	St. Louis, MO	
Washington University	St. Louis, MO	
North Carolina State University	Raleigh, NC	
B. Thompson Institute - Plant Research	Yonkers, NY	
Carnegie Institute of Washington	Cold Springs Harbor, NY	
Cornell University and Medical College	New York, NY	
Fordham University	New York, NY	
Long Island College of Medicine	New York, NY	
Polytechnic Institute of Brooklyn	New York, NY	
Rensselaer Polytechnic Institute	Troy, NY	
Rockefeller Institute for Medical Research	New York, NY	
University of Rochester	Rochester, NY	
Case School of Applied Science	Columbus, OH	
Ohio State University		
University of Cincinnati	Cincinnati, OH	
University of Pennsylvania	Philadelphia, PA	
University of Pittsburgh	Pittsburgh, PA	

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 Note 1. Active DOE contractor facility.

ENCLOSURE 5

SITES ELIMINATED FROM FUSRAP - AEROSPACE ACTION REQUIRED

STATUS: The sites listed below have been eliminated from further consideration under FUSRAP based upon information contained in respective site files. Documentation of the elimination decisions requires completion of elimination reports or memoranda to file that identify records supporting the decision. AEC or NRC licensed sites are indicated under Remarks. Elimination of a majority of the remaining sites (not licensed) will be recorded by Memoranda to File.

RECOMMENDATIONS: That Aerospace summarize information from records on file for each of the sites known to have been licensed by the AEC or NRC; that the information assembled be forwarded to the NRC by letter referring the sites for their consideration and appropriate action; and that the referral letter serve as the record of elimination of those sites from FUSRAP.

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Tuba City Ore Buying Station	Tuba City, AZ	
General Electric Company	San Jose, CA	Licensed
Gateway Mill	Gateway, CO	
Hendricks Mill	Colorado	
Loma Mill	Loma, CO	
Vanadium Mill	Colorado	
Rocky Mountain Research	Denver, CO	Licensed
American Cyanamid	Stamford, CT	
Combustion Engineering Company	Windsor, CT	Licensed
Sperry Products	brandbury, CT	Licensed
Allied Chemical Corp. Plant	Metropolis, IL	Licensed
Eimco Corporation	Palatine, IL	
Standard Oil Company of Indiana	Indiana	
Edgerton Germeshousen & Grier, Inc. (EG&G)	Boston, MA	Licensed
Englehard Industries	Plainville, MA	Licensed
Mass. Institute of Technology	Cambridge, MA	
Norton Company	Worcester, MA	Licensed
Nuclear Metals Corporation	Concord, MA	Licensed
Texas Instruments	Attleboro, MA	Licensed
Martin, Glenn L. Company	Middle River, MD	Licensed
Public Health Service (NIH)	Bethesda, MD	Licensed
Dow Chemical Company	Midland, MI	Licensed
General Motors Plant	Flint, MI	
Velsicol Chemical Corporation	St. Louis, MO	Licensed
Elk River Reactor	Elk River, MN	
Main Technical Area	Albuquerque, NM	
Blue Water Ore Buying Station	Blue Water, NM	
Jackpile	Paquate, NM	
Shiprock Ore Buying Station	Shiprock, NM	
Canadian Radium & Uranium Corp. of New York City	New York, NY	
Ledoux and Company	New York, NY	

## ENCLOSURE 5 (Continued)

## SITES ELIMINATED FROM FUSRAP - AEROSPACE ACTION REQUIRED

<u>SITE NAME</u>	<u>LOCATION</u>	<u>REMARKS</u>
Linde Air Products (Chandler Street Plant)	Buffalo, NY	
Lucius Pitkin	New York, NY	Licensed
National Research Corporation	New York, NY	
Standard Oil Development Company	New York, NY	
Titanium Alloys Manufacturing Company	Buffalo, NY	
Utica Street Warehouse	Buffalo, NY	
Dayton Plants #III & IV	Dayton, OH	
McKinney Tool & Manufacturing Company	Cleveland, OH	
Wah Chang	Albany, OR	Licensed
Brush Beryllium	Reading, PA	
Nuclear Materials & Equipment Corporation	Appollo, PA	Licensed
Paul & Beekman	Philadelphia, PA	
Penn Salt Company	Philadelphia, PA	
Westinghouse Electric	Blairsville, PA	Licensed
Mexican Hat Ore Buying Station	Mexican Hat, UT	
Moab Ore Buying Station	Moab, UT	
Salt Lake City Ore Buying Station	Salt Lake City, UT	
Amax Corporation	Parkersburg, WV	Licensed
Former Reduction Pilot Plant	Huntington, WV	
Crooks Gap Ore Buying Station	Crooks Gap, WY	
Shirley Basin Ore Buying Station	Shirley Basin, WY	

ENCLOSURE 6

SITES UNDER INVESTIGATION/CONSIDERATION - NO AUTHORITY - TRANSFERRED

STATUS: The sites listed below remain on the FUSRAP list of sites under consideration or investigation. However, these sites have been referred for consideration and appropriate action by the office or agency identified under Remarks. The justification for these actions were as follows:

- o The sites were operated under subcontract with the National Lead Company of Ohio-(NLO), the prime contractor-operator of the Feed Materials Production Center (FMPC) located in the vicinity of Fernald, Ohio. The sites were referred to the Procurement and Contracts Division of the Oak Ridge Operations by Department of Energy Memorandum, subject: Commercial Facilities Used by National Lead Company of Ohio in Support of FMPC Operations, dated July 28, 1986, for radiological characterization and remedial action, if required, under the Department's contract with NLO.
- o The sites were located on Department of Defense (DOD) facilities or facilities formerly operated by a military service (Army, Navy or Air Force), or were located on facilities that were returned to the appropriate military service when MED or AEC tenant operations were completed. A summary of information pertaining to each of the sites is included in Aerospace letter dated 30 March 1987, subject: Former DOD Installations/Facilities Used in Support of MED/AEC Operations.

RECOMMENDATIONS: That Aerospace transfer the sites identified below from the list of FUSRAP sites under consideration or investigation (Section II) to the list of sites eliminated from further consideration (Section III); and that a copy of your approval of the letter to which this enclosure is appended serve as the record of elimination and authority to close out the respective site files.

<u>SITE LOCATION</u>	<u>LOCATION</u>	<u>REMARKS</u>
Southern Research Institute	Birmingham, AL	NLO Contract
Hunter Douglas Plant of Bridgeport Brass	Riverside, CA	NLO Contract
Stauffer Metal, Inc.	Richmond, CA	NLO Contract
U.S. Naval Radiological Defense Lab.	San Francisco, CA	DOD
University of Denver Research Institute	Denver, CO	NLO Contract
Dorr Corporation	Bridgeport, CT	NLO Contract
American Machine and Metals, Inc.	E. Moline, IL	NLO Contract
Granite City Army Depot	Granite City, IL	DOD
Podbeilniac	Chicago, IL	NLO Contract
Rock Island Arsenal	Rock Island, IL	DOD
Bendix Aviation	Davenport, IA	NLO Contract
Iowa Ordnance Works	Burlington, IA	DOD
Iowa State University	Ames, IA	CHC
American Potash and Chemical Corp.	West Hanover, MA	NLO Contract

## ENCLOSURE 6 (Continued)

## SITES UNDER INVESTIGATION/CONSIDERATION - NO AUTHORITY - TRANSFERRED

<u>SITE LOCATION</u>	<u>LOCATION</u>	<u>REMARKS</u>
C.G. Sargent & Sons	Massachusetts	NLO Contract
Fenwal, Inc.	Ashland, MA	NLO Contract
Heald Machine Company	Worcester, MA	NLO Contract
La Pointe Machine and Tool Company	Hudson, MA	NLO Contract
New England Materials Lab, Inc.	Medford, MA	NLO Contract
NRC Equipment Company	Newton, MA	NLO Contract
Carboloy Company	Detroit, MI	NLO Contract
Westinghouse Naval Ordnance	Detroit, MI	DOD
Petrolite Corporation	St. Louis, MO	NLO Contract
Rogers Iron Company	Joplin, MO	NLO Contract
Nellis Air Force Base	Nevada	DOD
Titanium Metals Corporation	Henderson, NV	NLO Contract
R. Brew Company	Concord, NH	NLO Contract
Navy Ammunition Depot	Earle, NJ	DOD
Picatinny Arsenal	Dover, NJ	DOD
Tube Reducing Company	Wallington, NJ	NLO Contract
U.S. Naval Supply Depot (AEC Warehouse Bldg 546)	Scotia, NY	DOD
American Machine and Foundry	Brooklyn, NY	NLO Contract
Bliss and Laughlin, Inc.	Buffalo, NY	NLO Contract
Buflovak Company	Buffalo, NY	NLO Contract
Curtiss Wright (Metal Processing Division)	Buffalo, NY	DOD
Gleason Works	Rochester, NY	NLO Contract
Ithaca Gun Company	Ithaca, NY	NLO Contract
Radiation Applications, Inc.	New York, NY	NLO Contract
Titanium Alloy Metals	Niagara Falls, NY	NLO Contract
Air Force Plant 36	Evandale, OH	DOD
Alba Craft Shop	Oxford, OH	NLO Contract
American Steel Foundries (Elmes-King Division)	Cincinnati, OH	NLO Contract
Associated Aircraft Tool and Manufacturing Company	Fairfield, OH	NLO Contract
Charles Taylor and Sons	Cincinnati, OH	NLO Contract
DuBoise Chemical	Cincinnati, OH	NLO Contract
Gruen Watch Company	Norwood, OH	NLO Contract
John Van Range Company (Division of Edwards Manufacturing)	Cincinnati, OH	NLO Contract
Mangus Brass Company (Reading Road)	Cincinnati, OH	NLO Contract
Mangus Brass Company (W. Seventh St.)	Cincinnati, OH	NLO Contract
Process Research, Inc.	Cincinnati, OH	NLO Contract
R.K. Le Blond Machine Tool Company	Cincinnati, OH	NLO Contract
Robbins and Myers Company	Springfield, OH	NLO Contract
Tocco Heat Testing	Cleveland, OH	NLO Contract
Oregon Metalurgical Corporation	Albany, OR	NLO Contract
Chambersburg Engineering Company	Chambersburg, PA	NLO Contract

## ENCLOSURE 6 (Continued)

## SITES UNDER INVESTIGATION/CONSIDERATION - NO AUTHORITY - TRANSFERRED

<u>SITE LOCATION</u>	<u>LOCATION</u>	<u>REMARKS</u>
Landis Machine Tool Company	Waynesboro, PA	NLO Contract
U.S. Steel	McKeesport, PA	NLO Contract
Frankford Arsenal	Philadelphia, PA	DOD
Pennsylvania Ordnance Works	Williamsport, PA	DOD
Philadelphia Navy Yard	Philadelphia, PA	DOD
C.I. Hayes, Inc.	Cranston, RI	NLO Contract
American Manufacturing Company of Texas	Fort Worth, TX	NLO Contract
Sutton Steele and Steele	Dallas, TX	NLO Contract
Food Machinery and Chemical Co.	Nitro, WV	NLO Contract

ENCLOSURE 7

SITES UNDER INVESTIGATION/CONSIDERATION - AEROSPACE ACTION REQUIRED

STATUS: Except for those sites that have been referred to ORNL for screening surveys, Aerospace will continue efforts to assemble data and make recommendations to DFSD regarding the potential for residual radioactive contamination at each of the sites and, if appropriate, assemble the records necessary to determine if the Department has authority to conduct remedial action, if such is required.

RECOMMENDATIONS: None

<u>SITE LOCATION</u>	<u>LOCATION</u>	<u>REMARKS</u>
Electro Circuits, Inc.	Pasadena, CA	
N. American Aviation	Downey, CA	
Coors Porcelain	Golden, CO	
Uravan Processing Site	Uravan, CO	
American Chain and Cable Company	Bridgeport, CT	
Fenn Machinery Company	Hartford, CT	
Olin Matheson	New Haven, CT	
Pratt and Whitney Canel Facility	Middletown, CT	
Humphrey's Gold Company	Jacksonville, FL	
C-B Tool Products Company	Chicago, IL	ORNL for Survey
Era Tool and Engineering Company	Chicago, IL	ORNL for Survey
Great Lakes Carbon Corporation	Chicago, IL	
Heavy Minerals Company	Chicago, IL	
International Register	Chicago, IL	
Kaiser Aluminum Corporation	Dolton, IL	
Midwest Manufacturing Company	Galesburg, IL	
Precision Extrusion Company	Bensenville, IL	
Quality Hardware and Machine Company	Chicago, IL	ORNL for Survey
R. Krasberg & Sons Manufacturing Co.	Chicago, IL	ORNL for Survey
Vapofier Corporation	Blue Island, IL	ORNL for Survey
W.E. Pratt Company	Joliet, IL	ORNL for Survey
Armco Steel	Baltimore, MD	
Chapman Valve Company	Indian Orchard, MA	
National Research Corporation	Cambridge, MA	
Tracerlab	Boston, MA	
Tufts College	Medford, MA	
AMAX Specialty Metal Corporation	Coldwater, MI	
Revere Copper and Brass Corporation	Detroit, MI	ORNL for Survey
Wolverine Tube Division	Detroit, MI	ORNL for Survey
Reno Station of U.S. Bureau of Mines	Reno, NV	
American Cyanamid Company	Princeton, NJ	
Baker and Company, Inc.	Newark, NJ	
Bloomfield Tool Company	Bloomfield, NJ	
Chemical Construction Company	Linden, NJ	
Standard Oil Development Company of New Jersey	Linden, NJ	
Wyckoff Steel Company	Newark, NJ	
ACF Industries	Albuquerque, NM	

ENCLOSURE 7 (Continued)

SITES UNDER INVESTIGATION/CONSIDERATION - AEROSPACE ACTION REQUIRED

<u>SITE LOCATION</u>	<u>LOCATION</u>	<u>REMARKS</u>
LASL Tracts and Land Parcels	Los Alamos, NM	
American Car and Foundry Company	Buffalo, NY	
American Railway Express Office	New York, NY	
Baker and Williams Warehouse	Manhattan, NY	
Carborundum	Niagara Falls, NY	
Frederick Flader, Inc.	Tonawanda, NY	
International Rare Metals Refinery, Inc.	Mt. Kisco, NY	
Pier 38	New York, NY	
Radium Chemical Company	New York, NY	
Simmons Machine Tool, Inc.	Albany NY	
Wolff-Alport and Company	Brooklyn, NY	
B & T Metals	Columbus, OH	ORNL for Survey
Baker Brothers, Inc.	Toledo, OH	ORNL for Survey
Clevite Corporation	Columbus, OH	
Copperweld Steel Company	Warren, OH	ORNL for Survey
Herring Hall and Marvin Safe Company	Hamilton, OH	ORNL for Survey
Lodge and Shipley	Cincinnati, OH	
C.A. Schnorr and Company	Springdale, PA	ORNL for Survey
Carpenter Steel Company	Reading, PA	ORNL for Survey
New Jersey Zinc Storage Site	Palmerton, PA	ORNL for Survey
Aluminum Company of America	New Kensington, PA	
American Chain and Cable Company (Andrew Campbell Division)	Wilkes-Barre, PA	
Happenstall Company	Pittsburg, PA	
Jessop Steel	Washington, PA	
Minneapolis-Honeywell Regulator Co. (Brown Instrument Division)	Philadelphia, PA	
Brown University	Providence, RI	
University of Virginia	Charlottesville, VA	
University of Washington	Seattle, WA	
A.C. Hawley Plant (Diffusion Blower Plant)	W. Allis, WI	
Allis-Chalmers Company	Milwaukee, WI	