Savannah River Site Surplus Facilities Available for Reuse

by

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A: Table of Surplus Facilities.

B: Table of Non-Contaminated Surplus Facilities

C: Facility Reuse Inquiry Form

Purpose:

The purpose of this document is to provide a current, centralized list, of Savannah River Site facilities which are surplus and available for reuse. These surplus facilities may be made available for other DOE site missions, commercial economic development reuse, or other governmental reuse. SRS procedures also require that before new construction can be approved, available surplus facilities are screened for possible reuse in lieu of the proposed new construction.

Background Information:

The Savannah River Site (SRS) was constructed during the early 1950's to produce the basic materials used in the fabrication of nuclear weapons. The Site covers 310 square miles in South Carolina. Westinghouse Savannah River Company operates the Site for the U.S. Department of Energy (DOE). With the end of the Cold War, the Site's primary mission changed from Defense Programs (nuclear materials production) to Environmental Management (waste management and environmental restoration).

A byproduct of this mission change is the availability of buildings and associated facilities that are now surplus to DOE needs. These facilities are now available for reuse by SRS organizations, other government agencies, and private industry.

When facilities are no longer needed, they are declared surplus, and are added to the Surplus Facilities Inventory Assessment (SFIA) database. When surplus facilities are returned to use, their status is changed accordingly in the database. The SFIA database is the official SRS system for declaring a facility surplus or excess to DOE-SR needs.

Reuse of surplus facilities for new activities provides the obvious benefits of saving the user the expense and time of constructing new facilities and benefits the Department of Energy in that surveillance and maintenance costs can be eliminated and demolition costs can be deferred. There is also the

potential for alternative arrangements leading to a facility lease or purchase of surplus installed equipment. Commercial leasing has the potential for saving DOE-SR millions of dollars annually. The WSRC Economic Development Division /Economic Development Programs is actively pursuing onsite commercial ventures, with a primary objective of stimulating local economic development during the present period of SRS downsizing.

The WSRC program for the management of surplus facility reuse (WSRC Manual 1B, MRP 5.21, *Reuse of Surplus Facilities*), applies to both government and commercial ventures. The Site Facility Reuse & Deactivation Support (SFR&DS) section, Excess Facilities and Reactor Fuel Storage Programs Division, has the responsibility for implementing this program.

Surplus Facility Listings

Two tables of facilities are presented in the appendices. Table A lists all SRS surplus facilities (contaminated and non-contaminated). The tables are sorted by SRS area and building number. Basic information covering the facility contamination type (if any), square footage, etc. is provided.

These Tables were extracted from the current revision to the Surplus Facilities Inventory Assessment (SFIA) database. Table B is a subset of Table A and contains facilities which are not radiologically contaminated and are either clean or have minor other material contamination. Since these facilities are not radiologically contaminated, they are more readily available with little or no cleanup requirements.

WSRC management has provided special guidance for reuse of M-Area surplus facilities. The overall strategy is for WSRC to consolidate operations, where appropriate, and to relocate to other site areas as M Area is deactivated and shut down. Currently, M-Area is primarily being proposed for commercial economic development. Accordingly, without senior WSRC management approval, WSRC organizations would normally not move operations into M-Area surplus facilities.

Major Facilities Available for Reuse

This section presents a photograph and more detailed information on major surplus facilities with the highest potential for reuse. General information covering the past facility usage, contamination (if any), and basic physical characteristics, such as the square footage is presented. More detailed information may be obtained from the personnel identified under the Facility Reuse Contacts section.

R Reactor Facility

Description This large, centrally located facility was constructed between 1953 and 1956, and was shutdown in 1964. It provides ample room for manufacturing, processing or storage operations. R reactor was deactivated, but has received minimum maintenance since shutdown. The facility is built on seven floors, with approximately half a million square feet of space, mostly constructed of massive reinforced concrete. It extends from 40 feet below grade to 150 feet above grade level. The center section of the facility containing the reactor is surrounded by the assembly area on one side and the disassembly area on the other. The assembly area (ground level) is clean and is approximately 25,000 ft². All three sections provide large areas suitable for secure storage space. There are several support and auxiliary buildings associated with the reactor building in the area, which are generally not radioactively contaminated.

Physical Details

Type construction-- primarily reinforced concrete constructed to be blast proof, therefore extremely resistant to winds and earthquakes.

Physical Details

Floor space/Vol--105-R 502,000 sq ft/ 12 million cu ft.

Contamination -- Ground floor areas are predominantly clean, radioactive contaminated areas limited to reactor room, disassembly basin area and below ground process areas.

Services- Electrical power, rail and highway access,

Low-pressure steam, potable water, sanitary sewage, fire protection are not available.

COOLING WATER BASINS

Typical for four areas, C-Area Basin is shown, Basins also located in R, P, and L -Areas.
[Aerial view of basins shown on Reactor datasheet.]

Description

These four large, open basins were constructed to collect water pumped from the Savannah River to provide cooling water for the reactors. Initial reuse evaluations determined there was potential reuse in forms of aquaculture.

Physical Details

Type construction- reinforced concrete

Date constructed: 1952-54

Contamination: None identified; more details can be provided for each area upon request.

Large basin--24 Million gallon total capacity, subdivided into three equal sections (266 ft x 248 ft x 19 ft deep) by concrete walls, sections can be isolated using existing sluice gates, sloped floor, with bottom draining capability.

Location-- R, P L & C-Areas, are centrally located in the SRS reservation.

Alloy Fabrication Facility, 320-M

From Northeast

Photo 93-1703-15

From Southeast

Photo 93-1703-17

Description This building was formerly used (1954-1993) for fabrication of reactor target tubes, control rods, and other miscellaneous components. The building contains two large production areas, 5400 and 7200 sq ft., each with bridge crane and rollup door access, a chemical cleaning area with ventilation, 2750 ton hydraulic extrusion press in the larger production area, and freight elevator to second floor area. A contiguous laboratory wing is a separate unit for reuse consideration.

Physical Details Type construction- Steel frame with Transite siding

Date constructed: 1953, Floor space: 63,000 sq. ft.

Contamination: Minimum localized residual contamination by depleted uranium and chemicals, and asbestos insulation.

Services- Electrical power, low-pressure steam, potable water, chilled water, instrument air, sanitary sewage, fire protection, highway access, rail access. A backup diesel-generator is also available.

Location-- M-Area portion of Site Administration Area, on Site boundary.

Laboratory Facility, 320-M

Photo 93-1073-16

Description

This facility was operated from 1953 to 1995 to support analytical needs of reactor component fabrication facilities. It contains laboratory modules with ventilation (HEPA filtration also available), offices, and a chemical storeroom. A contiguous process facility is a separate unit for reuse consideration.

Physical Details

Type construction- Steel frame with Transite siding

Date constructed: 1953

Floor space: 13,750 sq. ft.

Contamination: Minimum localized residual contamination by uranium and chemicals, asbestos insulation.

Services- Electrical power, low-pressure steam, potable water, sanitary sewage, fire protection, highway access, rail access, HEPA filtered exhaust, chilled water, plant instrument air, and backup diesel-generator.

Location-- M-Area portion of Site Administration Area, on Site boundary.

Metallurgical Laboratory Facility, 322-M

Photo 93-1073-22

Description

This facility was formerly used from 1957 to 1995 to support reactor component fabrication facilities. It contains laboratory modules with HEPA exhaust ventilation, offices, and chemical storeroom.

Physical Details

Type construction- Wood frame with Transite siding (original).

Additions- Steel frame, with metal siding.

Date constructed: 1957, with several additions

Floor space-- 11,400 sq ft

Contamination - Residual uranium and chemical contamination.

Services- Electrical power, low-pressure steam, potable water, sanitary sewage, fire protection, plant air, highway and rail access, HEPA filtered exhaust and backup diesel-generator.

Location-- Adjacent to 320-M, M-Area portion of Site Administration Area, on Site boundary.

Target Slug Fabrication Facility, 313-M

Description

This facility operated from 1954 to 1992 for fabrication of depleted uranium slugs used as targets in the reactors. It contains a large production area, rollup door access, loading dock, autoclave pit, a chemical cleaning area with ventilation, slug canning equipment, some specialized metalworking equipment in the large production area, tool storage and warehouse areas, maintenance shops, and office space. This facility has contiguous liquid chemical waste collection, handling and processing equipment.

Physical Details

Type construction- Steel frame with Transite siding

Date constructed: 1952, with additions

Total Floor space: 76,000 sq. ft.

Contamination: Residual contamination by depleted uranium and chemicals, asbestos insulation.

Services- Electrical power, low-pressure steam, potable water, plant air, sanitary sewage, fire protection, highway access, rail access, and backup diesel-generator.

Location-- M-Area portion of Site Administration Area, on Site boundary.

Condition-- Minimum repairs required for roof and fire protection system.

Naval Fuels Manufacturing Facility, 247-F

Description

The Naval Fuels Manufacturing Facility was constructed between 1983 and 1985. It is a structural steel frame building on concrete slab floors. The facility was in the process of startup when it was decided to permanently shut it down. The facility contains a central process core with radiological contamination, a clean vault, a radiologically contaminated laboratory, a warehouse/receiving area, four maintenance shop areas, a computer room, waste processing area, and a two story clean administration wing. The process core is a major portion of the facility. The facility is surrounded by several support buildings.

Physical Details

Type construction- Steel frame with prefabricated insulated exterior walls

Date constructed: Mid 1980s.

Floor space: 95,000 sq. ft.

Contamination: Some areas are radiologically contaminated; there is no asbestos containing material

Services- Electrical power, potable water, sanitary sewage, fire protection, highway access.

Location-- F-Area.

Construction Craft Buildings- (717-8P and 717-9L)

No photo available.

Description

The construction craft buildings were built to house construction craftsman, parts and tool storage, administration support personnel and engineers working on the reactor restart program. The buildings are typical prefab metal buildings using steel framed construction with metal siding and roof. The buildings are insulated and each have a number of package H&V units servicing the building located at ground level around the building and at least one large vehicle door. The buildings have adequate power supply and potable water supply. The inside of the buildings were completed with two levels of wood frame construction to provide offices, parts and tool storage, break areas, etc. This wood construction can not remain in the building since it does not meet NFPA codes. However, if removed, the building could serve as a large conditioned warehouse, shop, or other production related function.

Physical Details

Type of Construction-Prefabricated steel framed metal building with vinyl backed insulation in the walls and ceiling.

Date Constructed: January 1989.

Floor Space: 7000 sq. ft. (L-area), 7486 sq. ft. (P-area)

Contamination: No radiological or environmental contamination suspected. No asbestos containing materials.

Services: Electrical power, potable water, sanitary sewer tap available, H&V.

Location: Buildings located in L-area and P-areas.

Other Information: Located in unrestricted security area for personnel.

No TLD's required but must monitor coming out of area.

Facility Reuse Inquiry Form

A sample of the Facility Reuse Inquiry form (taken from WSRC Manual 1B, MRP 5.21) is included in Appendix C, and is to be completed when there is a project or a potential need for a facility. The completed form will specify the special requirements for an individual facility. These requirements could be anything from air conditioned storage space, an area suitable for office space or some special cranes or equipment to support the new project. Once received by the Site Facility Reuse & Deactivation (SFR&D) section, the facility requirements will be utilized to attempt to locate a suitable facility which meets the specifications. Tours of prospective buildings and negotiations will then be arranged as required. In the overall process, the SFR&D section serves as a broker to match up surplus facilities with potential facility users. Please refer to WSRC Manual 1B, MRP 5.21 when completing the form, and direct any questions to the appropriate contact listed below.

Facility Reuse Contacts

There are several contacts for inquiring about facility reuse. The appropriate initial contact is based upon on-site or off-site usage as indicated below:

On-site contact:

Randy Clarke, 707-C, 557-9879 or
Marley Bruns, 707-C, 557-9468

Off-site commercial or Government users contact:

Cris W. Van Horn,
U. S. Department of Energy
Savannah River Operations Office
P. O. Box A, Building 703-46A
Aiken, S. C. 29802
(803) 725-5313

or

Marc V. Eidson, Manager, Economic Development Programs,
Westinghouse Savannah River Company
P. O. Box A, Building 999-W
Aiken, S. C. 29802
(803) 652-1850

Area	Building No.	Facility Name	Status	Year Surplus	Contaminated		Resp. Div.	Construction Type	Floors	
					Rad?	Other			No.	Space (ft2)
A	607-001A	SEWAGE TREATMENT PLANT, 607-001A	Abandoned	1993	N	S	SS	Steel Frame	1	3300
C	108-001C	EMERGENCY DIESEL ROOM, 108-1C	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5000
C	108-002C	EMERGENCY DIESEL ROOM, 108-2C	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5000
C	186-000C	COOLING WATER BASIN (25M GALLONS), 186-C	Shutdown	1995	T	S	FD	Reinforced Concrete	1	200600
C	190-000C	BOOSTER PUMP BUILDING, 191-C	Shutdown	1995	N	T	FD	Reinforced Concrete	2	520
C	608-000C	CHANGE FACILITY, 608-C	Shutdown	1995	N	T	FD	Steel Frame	1	96
C	614-002C	EFFLUENT MONITORING BUILDING, 614-2C	Shutdown	1995	S	T	FD	Steel Frame	1	180
C	701-001C	AREA GATEHOUSE, 701-1C	Shutdown	1995	N	T	FD	Reinforced Concrete	1	2500
C	701-002C	EXCLUSION AREA FENCE ENTRY POINT, 701-2C	Shutdown	1995	N	T	FD	Concrete/Mason Block	1	1680
C	701-004C	SHELTER FOR SECURITY EQUIPMENT, 701-4C	Shutdown	1995	N	T	FD	Steel Frame	1	600
C	701-006C	GUARDHOUSE, 701-6C	Shutdown	1995	N	T	FD	Other	1	40
C	717-000C	HOT SHOP/STORAGE SHED, 717-C	Shutdown	1995	Y	T	FD	Reinforced Concrete	1	1000
C	904-001C	COOLING WATER EFFLUENT SUMP, 904-1C	Shutdown	1995	Y	T	FD	Reinforced Concrete	1	375
C	904-89G1	RETENTION BASIN TANK/100-C CONT., 904-89G-1	Shutdown	1995	Y	T	FD	Other	N/A	500K gal.
D	401-000D	GAS PLANT, 401-D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	1440
D	401-001D	GAS PLANT CONTROL BUILDING, 401-1D	Shutdown	1995	N	S	FD	Steel Frame	1	700
D	402-000D	HEAVY WATER TANK FARM, 402-D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	11600
D	412-001D	HEAVY WATER EXTRACTION TOWERS & PIPING	Shutdown	1995	N	Y	FD	Reinforced Concrete	1	27000
D	412-004D	MASK MAINTENANCE BUILDING, 412-4D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	1350
D	412-005D	SHELTER AND SHOP BUILDING, 412-5D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	1200
D	412-008D	TUBE BUNDLE INSPECTION, 412-8D	Shutdown	1995	N	N	FD	Reinforced Concrete	1	450
D	412-009D	BOLT STORAGE, 412-9D	Shutdown	1995	N	T	FD	Reinforced Concrete	1	1200
D	412-010D	LUBE BUNDLE CLEANSING SHELTER, 412-10D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	700
D	419-000D	FLARE TOWER, 419-D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	2500
D	421-005D	LOADING DOCK, 421-5D	Shutdown	1995	N	S	FD	Reinforced Concrete	1	200
F	211-004F	SAMPLING HOUSE, 211-4F	Abandoned	1993	Y	Y	NM	Steel Frame	1	100
F	235-000F	METALLURGICAL BUILDING, 235-F (PUFF)	Shutdown	1993	Y	Y	NM	Reinforced Concrete	2	7015
F	235-000F	METALLURGICAL BUILDING, 235-F (PEFF)	Shutdown	1993	Y	Y	NM	Reinforced Concrete	2	1000
F	235-000F	METALLURGICAL BUILDING, 235-F (OLD MET LAB)	Shutdown	1993	Y	Y	NM	Reinforced Concrete	1	435
F	247-000F	NAVAL FUELS MAN.BLDG.247-F,(CORE)	Shutdown	1993	Y	Y	NM	Concrete/Mason Block	2	34726
F	247-007F	EC PROCESS BUILDING, 247-7F	Other	1993	Y	Y	NM	Steel Frame	5	5760
F	247-011F	OUTSIDE COLD FEED STORAGE, 247-11F	Shutdown	1993	N	Y	NM	Steel Frame	1	194
F	247-012F	OUTSIDE COLD FEED STORAGE, 247-12F	Shutdown	1993	N	Y	NM	Steel Frame	1	3520

Key: N - No, Y - Yes,
T - Suspect No
S - Suspect Yes

Table of Surplus Facilities

Area	Building No.	Facility Name	Status	Year	Contaminated		Resp. Div.	Construction Type	Floors	
					Surplus	Rad?	Other		No.	Space (ft2)
F	254-002F	DIESEL GENERATOR FACILITY, 254-2F	Shutdown	1994	N	Y	NM	Other	2	600
F	284-000F	POWERHOUSE, 284-000F	Abandoned	1993	N	N	SS	Reinforced Concrete	3	30000
F	607-001F	SEWAGE TREATMENT PLANT/DIGESTER, 607-001F	Abandoned	1993	N	N	SS	Reinforced Concrete	1	2475
G	681-006G	PAR POND PUMP HOUSE, 681-006G	Shutdown	1993	N	N	SS	Other	1	4800
H	241-916H	WST STRG TK(FRMRLY 241000H TK16), 241-916H	Shutdown	1993	Y	N	HL	Other	N/A	1.03MM gal.
H	242-003H	CONCENTRATE PUMP TANK PIT, 242-3H	Shutdown	1993	Y	N	HL	Reinforced Concrete	1	400
K	105-001K	BASIN DEIONIZER PAD, 105-1K	Standby	1995	Y	T	FD	Other	1	2000
K	105-013K	HEAVY WATER STORAGE FACILITY, 105-13K	Standby	1995	S	S	FD	Other	1	2500
K	185-000K	COOLING TOWER (POWER HOUSE), 185-K	Shutdown	1993	N	N	SS	Other	12	6500
K	185-001K	CHLORINATOR HOUSE, 185-1K	Shutdown	1993	N	N	SS	Other	1	6000
K	904-088G	RETENTION BASIN/100-K CONT., 904-88G	Standby	1995	S	Y	FD	Other	N/A	1.8MM
L	105-009L	SAND FILTER, 105-9L	Shutdown	1995	Y	S	FD	Reinforced Concrete	1	900
L	106-000L	UNDERGROUND CONTAMINATED WATER STORAGE TANK	Shutdown	1995	Y	S	FD	Reinforced Concrete	1	640
L	107-000L	COOLING WATER EFFLUENT WEIR, 107-L	Shutdown	1995	S	T	FD	Reinforced Concrete	1	1000
L	108-001L	EMERGENCY DIESEL ROOM, 108-1L	Shutdown	1995	N	Y	FD	Reinforced Concrete	2	5110
L	108-002L	EMERGENCY DIESEL ROOM, 108-2L	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5000
L	108-004L	903 EXHAUST FAN EMERGENCY DIESEL, 108-4L	Shutdown	1995	N	S	FD	Reinforced Concrete	1	320
L	109-000L	SHIELD COOLING WATER DUMP TANK, 109-L	Shutdown	1995	S	S	FD	Reinforced Concrete	1	305
L	110-000L	HELIUM STORAGE TANKS, 110-L	Shutdown	1995	N	S	FD	Reinforced Concrete	1	240
L	152-001L	CONTAINMENT SUBSTATION, 152-1L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	1716
L	152-004L	SECONDARY SUBSTATION FOR 704-1,2 & 3-L, 152-4L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	50
L	152-010L	TRANSFORMER 300 KVA, 152-10L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	190
L	186-000L	COOLING WATER BASIN (25M GALLON), 186-000L	Shutdown	1995	T	T	FD	Reinforced Concrete	N/A	25MM gal.
L	191-000L	BOOSTER PUMP BUILDING, 191-L	Shutdown	1995	N	T	FD	Reinforced Concrete	2	440
L	501-000L	OLD SECURITY DIESEL, 501-L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	150
L	614-002L	EFFLUENT MONITORING BUILDING, 614-2L	Shutdown	1995	T	T	FD	Steel Frame	1	270
L	709-001L	FIRE TRUCK SHED, 709-1L	Shutdown	1995	N	N	FD	Steel Frame	1	800
L	711-000L	MAINTENANCE MATL. STORAGE BUILDING, 711-L	Shutdown	1995	N	S	FD	Steel Frame	1	972
L	715-000L	GASOLINE SERVICE STATION -715L	Shutdown	1995	N	S	FD	Reinforced Concrete	1	45
L	717-009L	CRAFT BUILDING, L-AREA	Shutdown	1995	T	S	FD	Reinforced Concrete	2	7000
L	723-002L	CHANGE BUILDING, 723-2L	Standby	1995	S	T	FD	Steel Frame	1	108
L	723-003L	CHANGE BUILDING, 723-3L	Standby	1995	S	T	BF	Steel Frame	1	108
M	312-000M	TANK FARM, 312-M (two 5000 gallon tanks)	Shutdown	1992	N	Y	BF	Other	N/A	1280

Key: N - No, Y - Yes,
T - Suspect No
S - Suspect Yes

Table of Surplus Facilities

Area	Building No.	Facility Name	Status	Year Surplus	Contaminated		Resp. Div.	Construction Type	Floors	
					Rad?	Other			No.	Space (ft ²)
M	313-000M	CHEMICAL TRANSFER FACILITY, 313-M,CTF	Shutdown	1992	Y	Y	EF	Steel Frame	2	6800
M	313-004M	ACID SCRUBBER, 313-4M	Deactivate	1993	Y	Y	EF	Reinforced Concrete	1	512
M	320-000M	ALLOY FABRICATION FACILITY, 320-M	Shutdown	1993	Y	Y	EF	Steel Frame	2	63288
M	320-000M	CHEMICAL LABORATORY, 320-M	Shutdown	1995	Y	Y	EF	Steel Frame	1	13752
M	320-007M	COMPRESSED GAS STORAGE BUILDING, 320-7M	Shutdown	1995	N	N	EF	Other	1	80
M	322-000M	METALLURGICAL LABORATORY, 322-M	Shutdown	1995	Y	Y	EF	Steel & Wood Frame	1	11411
M	322-001M	SUPPLY SHED, 322-1M	Shutdown	1995	N	N	EF	Other	1	168
M	313-000M	SLUG FABRICATION FACILITY, 313M	Shutdown	1994	Y	Y	EF	Concrete/Mason Block	3	75912
P	105-013P	STORAGE BUILDING (DANA WATER), 105-13P	Shutdown	1995	Y	Y	FD	Reinforced Concrete	1	1930
P	106-000P	U.G. CONTAMINATED WATER STORAGE TANK, 106-P	Shutdown	1995	Y	Y	FD	Reinforced Concrete	1	600
P	107-000P	COOLING WATER EFFLUENT WEIR, 107-P	Shutdown	1995	S	S	FD	Reinforced Concrete	1	864
P	108-001P	EMERGENCY DIESEL ROOM, 108-1P	Shutdown	1995	N	S	FD	Reinforced Concrete	1	5110
P	108-002P	EMERGENCY DIESEL ROOM, 108-2P	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5000
P	109-000P	PURGE WATER STORAGE TANK, 109-P	Shutdown	1995	S	Y	FD	Reinforced Concrete	1	120
P	110-000P	HELIUM STORAGE TANKS, 110-P	Shutdown	1995	N	T	FD	Reinforced Concrete	1	240
P	184-003P	COAL CAR SHAKER, 184-3P	Shutdown	1993	N	N	SS	Reinforced Concrete	1	352
P	191-000P	BOOSTER PUMP HOUSE, 191-P	Shutdown	1995	T	T	FD	Reinforced Concrete	2	440
P	608-000P	CHANGE FACILITY, 608-P	Shutdown	1995	T	T	FD	Wood	1	5310
P	614-002P	EFFLUENT MONITORING BUILDING, 614-2P	Shutdown	1995	N	T	FD	Steel Frame	1	144
P	701-004P	HP MONITORING FACILITY, 701-4P	Shutdown	1995	N	T	FD	Other	1	200
P	711-000P	MAINTENANCE MATERIAL STORAGE BLDG., 711-P	Shutdown	1995	N	N	FD	Steel Frame	1	900
P	711-001P	STORAGE BUILDING, 711-1P	Shutdown	1995	N	T	FD	Steel Frame	1	900
P	715-000P	GASOLINE STATION, 715-P	Shutdown	1995	N	N	FD	Other	1	100
P	717-008P	CONSTRUCTION/CRAFT BUILDING, 717-8P	Shutdown	1995	N	N	FD	Reinforced Concrete	2	7486
P	717-009P	PIPE FAB SHED, 717-9P	Shutdown	1995	T	T	FD	Reinforced Concrete	1	1250
P	904-86G1	RETENTION BASIN TANK/100-P CONT., 904-86G-1	Shutdown	1995	S	S	FD	Other	N/A	500K gal.
R	105-000R	REACTOR BUILDING, 105-R	Shutdown	1995	Y	Y	FD	Reinforced Concrete	7	1000000
R	106-000R	U.G. CONTAMINATED WATER STORAGE TANK, 106-R	Shutdown	1995	Y	S	FD	Reinforced Concrete	1	200
R	107-000R	COOLING WATER EFFLUENT WEIR, 107-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	1512
R	108-001R	EMERGENCY DIESEL ROOM, 108-1R	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5110
R	108-002R	EMERGENCY DIESEL ROOM, 108-2R	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5110
R	109-000R	PURGE WATER STORAGE TANK, 109-R	Shutdown	1995	Y	S	FD	Reinforced Concrete	1	140
R	151-002R	Electrical Distribution Building	Shutdown	1995	N	N	SS	Reinforced Concrete	2	13500

Key: N - No, Y - Yes,
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Table of Surplus Facilities

Area	Building No.	Facility Name	Status	Year	Contaminated		Resp.	Construction Type	Floors	
					Surplus	Rad?	Other	Div.	No.	Space (ft2)
R	183-001R	WATER CLARIFICATION FAC. STORAGE BASIN, 183-1R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	102000
R	183-002R	WATER CLARIFICATION FAC. STORAGE BASIN, 183-2R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	6000
R	186-000R	COOLING WATER BASIN (25 M GALLONS), 186-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	200000
R	190-000R	COOLING WATER PUMP HOUSE, 190-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	10000
R	191-000R	STANDBY PUMP HOUSE, 191-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	370
R	704-000R	ADMINISTRATION BUILDING, 704-R	Shutdown	1995	Y	Y	FD	Reinforced Concrete	1	15000

Key: N - No, Y - Yes,
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S - Suspect Yes

Table of Surplus Facilities

APPENDIX B

REUSEXLS

Key: N - No, Y - Yes,
T - Suspect No
S - Suspect Yes

Table of Clean and Non-Radiologically Contaminated Surplus Facilities

Area	Building No.	Facility Name	Status	Year	Contaminated	Resp.	Construction Type	No.	Floors
Area	Building No.	Facility Name	Status	Year	Rad?	Other	Div.	No.	Space (ft2)
A	607-001A	SEWAGE TREATMENT PLANT, 607-001A	Abandoned	1993	N	S	SS	Steel Frame	3300
C	108-001C	EMERGENCY DIESEL ROOM, 108-1C	Shutdown	1995	N	S	FD	Reinforced Concrete	5000
C	108-002C	EMERGENCY DIESEL ROOM, 108-2C	Shutdown	1995	N	S	FD	Reinforced Concrete	5000
C	186-000C	COOLING WATER BASIN (25M GALLONS), 186-C	Shutdown	1995	T	S	FD	Reinforced Concrete	200600
C	608-000C	CHANGE FACILITY, 608-C	Shutdown	1995	N	T	FD	Reinforced Concrete	520
C	701-001C	AREA GATEHOUSE, 701-1C	Shutdown	1995	N	T	FD	Steel Frame	96
C	701-002C	EXCLUSION AREA FENCE ENTRY POINT, 701-2C	Shutdown	1995	N	T	FD	Reinforced Concrete	2500
C	701-004C	SHELTER FOR SECURITY EQUIPMENT, 701-4C	Shutdown	1995	N	T	FD	Concrete/Mason Block	1680
C	701-006C	GUARDHOUSE, 701-6C	Shutdown	1995	N	T	FD	Steel Frame	600
D	401-000D	GAS PLANT, 401-D	Shutdown	1995	N	S	FD	Reinforced Concrete	1440
D	401-001D	GAS PLANT CONTROL BUILDING, 401-1D	Shutdown	1995	N	S	FD	Steel Frame	700
D	402-000D	HEAVY WATER TANK FARM, 402-D	Shutdown	1995	N	S	FD	Reinforced Concrete	11600
D	412-001D	HEAVY WATER EXTRACTION TOWERS & PIPING	Shutdown	1995	N	Y	FD	Reinforced Concrete	27000
D	412-004D	MASK MAINTENANCE BUILDING, 412-4D	Shutdown	1995	N	S	FD	Reinforced Concrete	1350
D	412-005D	SHELTER AND SHOP BUILDING, 412-5D	Shutdown	1995	N	S	FD	Reinforced Concrete	1200
D	412-008D	TUBE BUNDLE INSPECTION, 412-8D	Shutdown	1995	N	N	FD	Reinforced Concrete	450
D	412-009D	BOLT STORAGE, 412-9D	Shutdown	1995	N	T	FD	Reinforced Concrete	1200
D	412-010D	LUBE BUNDLE CLEANSING SHELTER, 412-10D	Shutdown	1995	N	S	FD	Reinforced Concrete	700
D	419-000D	FLARE TOWER, 419-D	Shutdown	1995	N	S	FD	Reinforced Concrete	2500
D	421-005D	LOADING DOCK, 421-5D	Shutdown	1995	N	S	FD	Reinforced Concrete	200
F	247-011F	OUTSIDE COLD FEED STORAGE, 247-11F	Shutdown	1993	N	Y	NM	Steel Frame	194
F	247-012F	OUTSIDE COLD FEED STORAGE, 247-12F	Shutdown	1993	N	Y	NM	Steel Frame	3520
F	254-002F	DIESEL GENERATOR FACILITY, 254-2F	Shutdown	1994	N	Y	NM	Other	600
F	284-000F	POWERHOUSE, 284-000F	Abandoned	1993	N	N	SS	Reinforced Concrete	30000
F	607-001F	SEWAGE TREATMENT PLANT/DIGESTER, 607-001F	Abandoned	1993	N	N	SS	Reinforced Concrete	2475
G	681-006G	PAR POND PUMP HOUSE, 681-006G	Shutdown	1993	N	N	SS	Other	4800
K	185-000K	COOLING TOWER (POWER HOUSE), 185-K	Shutdown	1993	N	N	SS	Other	6500
K	185-001K	CHLORINATOR HOUSE, 185-1K	Shutdown	1993	N	N	SS	Other	600
L	108-001L	EMERGENCY DIESEL ROOM, 108-1L	Shutdown	1995	N	Y	FD	Reinforced Concrete	5110
L	108-002L	EMERGENCY DIESEL ROOM, 108-2L	Shutdown	1995	N	S	FD	Reinforced Concrete	5000

Area	Building No.	Facility Name	Status	Year	Contaminated		Resp. Div.	Construction Type	Floors	
				Surplus	Rad?	Other			No.	Space (ft2)
L	108-004L	903 EXHAUST FAN EMERGENCY DIESEL, 108-4L	Shutdown	1995	N	S	FD	Reinforced Concrete	1	320
L	110-000L	HELIUM STORAGE TANKS, 110-L	Shutdown	1995	N	S	FD	Reinforced Concrete	1	240
L	152-001L	CONTAINMENT SUBSTATION, 152-1L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	1716
L	152-004L	SECONDARY SUBSTATION FOR 704-1,2 & 3-L, 152-4L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	50
L	152-010L	TRANSFORMER 300 KVA, 152-10L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	190
L	186-000L	COOLING WATER BASIN (25M GALLON), 186-000L	Shutdown	1995	T	T	FD	Reinforced Concrete	N/A	25MM gal.
L	191-000L	BOOSTER PUMP BUILDING, 191-L	Shutdown	1995	N	T	FD	Reinforced Concrete	2	440
L	501-000L	OLD SECURITY DIESEL, 501-L	Shutdown	1995	N	T	FD	Reinforced Concrete	1	150
L	614-002L	EFFLUENT MONITORING BUILDING, 614-2L	Shutdown	1995	T	T	FD	Steel Frame	1	270
L	709-001L	FIRE TRUCK SHED, 709-1L	Shutdown	1995	N	N	FD	Steel Frame	1	800
L	711-000L	MAINTENANCE MAT'L STORAGE BUILDING, 711-L	Shutdown	1995	N	S	FD	Steel Frame	1	972
L	715-000L	GASOLINE SERVICE STATION-715L	Shutdown	1995	N	S	FD	Reinforced Concrete	1	45
L	717-009L	CRAFT BUILDING, L-AREA	Shutdown	1995	T	S	FD	Reinforced Concrete	2	7000
M	312-000M	TANK FARM, 312-M	Shutdown	1993	N	Y	EF	Other	N/A	1200
M	320-007M	COMPRESSED GAS STORAGE BUILDING, 320-7M	Shutdown	1995	N	N	EF	Other	1	80
M	322-001M	SUPPLY SHED, 322-1M	Shutdown	1995	N	N	EF	Other	1	168
P	108-001P	EMERGENCY DIESEL ROOM, 108-1P	Shutdown	1995	N	S	FD	Reinforced Concrete	1	5110
P	108-002P	EMERGENCY DIESEL ROOM, 108-2P	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5000
P	110-000P	HELIUM STORAGE TANKS, 110-P	Shutdown	1995	N	T	FD	Reinforced Concrete	1	240
P	184-003P	COAL CAR SHAKER, 184-3P	Shutdown	1993	N	N	SS	Reinforced Concrete	1	352
P	191-000P	BOOSTER PUMP HOUSE, 191-P	Shutdown	1995	T	T	FD	Reinforced Concrete	2	440
P	608-000P	CHANGE FACILITY, 608-P	Shutdown	1995	T	T	FD	Wood	1	5310
P	614-002P	EFFLUENT MONITORING BUILDING, 614-2P	Shutdown	1995	N	T	FD	Steel Frame	1	144
P	701-004P	HP MONITORING FACILITY, 701-4P	Shutdown	1995	N	T	FD	Other	1	200
P	711-000P	MAINTENANCE MATERIAL STORAGE BLDG., 711-P	Shutdown	1995	N	N	FD	Steel Frame	1	900
P	711-001P	STORAGE BUILDING, 711-1P	Shutdown	1995	N	T	FD	Steel Frame	1	900
P	715-000P	GASOLINE STATION, 715-P	Shutdown	1995	N	N	FD	Other	1	100
P	717-008P	CONSTRUCTION/CRAFT BUILDING, 717-8P	Shutdown	1995	N	N	FD	Reinforced Concrete	2	7486
P	717-009P	PIPE FAB SHED, 717-9P	Shutdown	1995	T	T	FD	Reinforced Concrete	1	1250
R	107-000R	COOLING WATER EFFLUENT WEIR, 107-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	1512
R	108-001R	EMERGENCY DIESEL ROOM, 108-1R	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5110
R	108-002R	EMERGENCY DIESEL ROOM, 108-2R	Shutdown	1995	N	S	FD	Reinforced Concrete	2	5110
R	151-002R	Electrical Distribution Building	Shutdown	1995	N	N	SS	Reinforced Concrete	2	13500

Key: N - No, Y - Yes,
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Table of Clean and Non-Radiologically Contaminated Surplus Facilities

Area	Building No.	Facility Name	Status	Year Surplus	Contaminated		Resp. Div.	Construction Type	Floors	
					Rad?	Other			No.	Space (ft2)
R	183-001R	WATER CLARIFICATION FAC. STORAGE BASIN, 183-1R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	102000
R	183-002R	WATER CLARIFICATION FAC. STORAGE BASIN, 183-2R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	6000
R	186-000R	COOLING WATER BASIN (25 M GALLONS), 186-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	200000
R	190-000R	COOLING WATER PUMP HOUSE, 190-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	10000
R	191-000R	STANDBY PUMP HOUSE, 191-R	Shutdown	1995	N	S	FD	Reinforced Concrete	1	370

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Table of Clean and Non-Radiologically Contaminated Surplus Facilities

Facility Reuse Inquiry
(Return Completed Form to Manager, FTS/TD&D)

Page 1 of 2

1.0 Requesting Organization			
Organization Name (Division/Department/Group)			Date
Contact	Phone	Site Address	
Operations Contact	Phone	Associated Project	
Project Number	Facility Needed By Date	Project Manager	Phone
Source of Funds	Authorized ☐ Yes ☐ No	Year Auth/Planned	Facility Type (Check One) ☐ NS ☐ CP ☐ PS ☐ GS
2.0 Description of Required Facility			
General Description/Intended Use			
Building/Structure Description/Specifications			
Square Footage	Number of Levels	Minimum High Bay/Overhead Ceiling Height	
Truck Loading/Unloading Wall/Structure Shielding Requirements			
Crane			
HVAC/Air Handling			
Process Exhaust Stack			
HEPA/Filter Capabilities			
Storage Tanks (Type, Size, and Contents)			

Appendix C
Facility Reuse Inquiry Form

Facility Reuse Inquiry (ctd)

Page 2 of 2

Hazardous Materials Used in Process		
Radioactive	☐ Yes ☐ No	Other Material ☐ Yes ☐ No
Describe Hazardous Material		
Process Waste Stream Requirements (Include Volumes/Rates)		
Utilities Provide quantities/usage rates where known; Otherwise, indicate that the service is needed by placing an "X" in the indicated check box.		
Potable Water	☐	Process Water ☐ Sanitary Sewage ☐
Electrical (KVA)	☐	Chilled Water ☐ Steam _____ lbs/hr at _____ YF ☐
Other		
Office Space Needs		Bathrooms
Fire Systems	Monitoring ☐ Yes ☐ No	Suppression ☐ Yes ☐ No
Infrastructure Support		
Primary Road Trucking Access		
Rail Access		
Parking Lot Spaces	Personal/Private	Government
Security Requirements		
Other Special Requirements		
3.0 TD&D Comments/Information (Optional for TD&D Use)		

Appendix C
Facility Reuse Inquiry Form (back of form)

Distribution:

N. C. Boyter, 991-W
F. B. Davis, 703-A
P. D. Grefenstette, 703-A
C. M. Hammond, 703-A
J. L. Hardin, 773-A
G. R. Harley, 703-A
H. A. Harmon, 719-4A
J. N. Herrmann, 703-A
G. K. Hovey, 991-W
S. A. Johnson, 703-A
J. F. Jordan, 703-F
G. A. Krist, 703-A
R. Maher, 703-A
I. B. New, 704-C
E. P. Rahe, 730-B
A. B. Scott, 703-A
M. J. Sujka, 703-A
C. W. Thiessen, 703-A
J. G. Wise, 703-A
S. Wood, 773-A
J. G. Erwin, USFS, 760-G
J. D. Strawbridge, USFS, 760-1G
R. I. Nestor, SREL, 737-A
L. Brede Jr., WSI, 703-B
J. C. Noah, 773-A
T. R. Neal, 704-C
J. R. Yanek, 704-C
G. H. Clare, 704-C
C. H. Giuntini, 966W
G. F. Jernigan, 773-41A
M. V. Eidson, 999-W
R. H. Finley, 707-C
D. W. Lentz, 707-C
M. B. Owen, 707-C
M. A. Bruns, 707-C
R. M. Clarke, 707-C
C. W. Van Horn, DOE, 703-46A
C. A. Everatt, DOE, 704-K
M. F. Salazar, DOE, 704-K
R. D. Jernigan DOE, 730-B
T. C. Walker, DOE, 703A
M. James, DOE, 703-46A
File 1010, 707-C