

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination						
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
CPP-609	Cold Waste Facility Office	981	1	0	1977	Steel Framed Structure: Has one overhead door - 14 ft. wide & 14 ft. high and one steam heater.	General Office Building is used for general offices.	Yes	No				
CPP-618	Tank Farm Measure/Control Bldg.	247	1	0	1955	Masonry Exterior Walls: One Cooling - DX air conditioning unit, space heater and electrical power.	General Storage: Houses instruments for the measurement and control of tank farm processing.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-619	Waste Storage Controlhouse	372	1	0	1955	Masonry Wall Building: Contains space heater, Lighting and electrical power.	Service Building: Houses instruments and controllers used in waste storage operations.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-621	Chemical Storage Pumphouse	742	1	0	1955	Masonry Exterior Walls: Includes four Steam Heater Units and 4 chemical transfer pumps.	General Service Building: This facility is used to house the pumps and transfer valving associated with the transfers conducted in CPP-1644.	No	No				Requires utilities isolation for D&D.
CPP-622	Tank Farm Instrument House	36	1	0	1960	Masonry Exterior Walls: Includes one Cooling - DX Air conditioning unit and electrical space heater.	General Service Building: Houses the instrumentation in support of the Nuclear Waste Processing Building.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-623	Tank Farm Instrument House	63	1	0	1960	Masonry Exterior Walls Cooling - DX (1) , Air conditioning unit, electric space heater.	General Service Building: Houses the instrumentation and controls used for the HLW processes within the Tank Farm.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination					Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level		
CPP-628	Tank Farm Controlhouse	1481	1	0	1953	Masonry Exterior Walls: Includes instrumentation, lighting and electrical power.	Communications Center: Houses instruments and controls supporting tank farm operations.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-632	Instrument House, Tank Farm	63	1	0	1960	Masonry Exterior Walls: Includes Cooling - DX Air conditioning unit and one space heater.	Service Building: This facility houses instrumentation in support of the Tank Farm Operations.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-634	Waste Station	300	1	0	1958	Masonry Exterior Walls: Includes two Heater - Electric.	Service Building: This facility is used to support Tank Farm Processing Operations.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-635	Waste Station	200	1	0	1960	Steel Framed Structure: Includes two Electric Unit Heaters.	Service Building: This facility is used to support the Tank Farm Processing Operations.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).

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CPP-636	Waste Station	200	1		0 1965	Steel Framed Structure: Includes electric heater, lighting and electrical power.	Service Building: This facility is used to support Tank Farm Processing Operations.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-638	Waste Station	50	1		0 1968	Masonry Exterior Walls: Contains one space heater.	Service Building: This facility supports the Tank Farm Processing Operations (steam control building).	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-645	Office Building	6747	1		0 1976	Steel Framed Structure: Includes one Heater - Steam Air handling, one Cooling - DX Air conditioner unit, Fire Suppression System - Wet Pipe - 6747 sq. ft.	Office Building: Houses the INTEC operations management oversight, both DOE-ID & contractor. Office, storage, restrooms, mechanical and custodial spaces, Conference Rooms & Library.	Yes	No				Will require personnel relocations and utility isolations for D&D.
CPP-651	Unirrad. Fuel Storage Facility	4415	1		0 1984	Reinforced Concrete Structure: Includes six 5.5 ton cranes, Fire Suppression System - Halon and Fire Suppression System - Dry Pipe, nine electric heater units, air compressor for dry pipe fire suppression system.	Storage Facility: This facility stores unirradiated fuel.	No	Yes	No Loose contamination. SNM contains alpha and U-232	About 2,000 kg of fissile material.	IAG-45 for INTEC Unirradiated Fuel Storage Facility (CPP-651), SAR 147-2 Section 2.1.3. PSD 4.8 series.	Hazard Category 2 - INTEC Unirradiated Fuel Storage Facility. Facility will be emptied of all SNM, then demolished. Upon removal of the SNM the facility is basically clean and can achieve a lower Hazard Category than the current classification. This facility will require utilities isolation for D&D.
CPP-653	Waste Handling Facility	4830	1		1977	Reinforced Concrete Structure: Includes one Evaporative cooler, two 3 ton cranes, overhead door - 12 ft. wide by 14 ft. high, one overhead door - 20 ft. wide by 14 ft. high, two exhaust blowers, Fire Suppression System - Dry Pipe - 4830 sq. ft., eight Electric Heaters - 15 KW, Air compressor for dry pipe fire suppression system, Pit/Trench/Sump - 72 ft long, 3.5 ft wide, 4.33 ft deep.	Processing Facility: This facility houses the INEEL Lead Program, processes contaminated lead for future use and shipment.	Yes	Yes	Cs, Sr	> 1000D/M	SAR 206-2	This facility is considered to be a Non-Nuclear type with a classification of Moderate.
CPP-654	Receiving Warehouse/Offices	18000	1		0 1976	Steel Framed Structure: Includes 5 Cooling - DX air conditioning units, three overhead doors - 14 ft wide by 16 ft high with truck ramp, one overhead door - 10 ft wide by 16 ft high, Fire Suppression System - Wet Pipe - 18000 sq ft, six gas heaters - 60000 Btu/hr., Propane fired unit heaters, and portable generator - 50 KW.	General Storage: This warehouse is the primary INTEC warehouse for storage of process related spares needed to support INTEC operations. It is generally unmanned except when storing or retrieving equipment contained within.	No	No				Will require utilities isolation for D&D.
CPP-656	Office Building	10000	2		0 1978	Steel Framed Structure: Includes two Cooling - DX air conditioners, Fire Suppression System - Wet Pipe, two electric heaters.	Office Building: This is a general purpose office building which currently houses Environmental Affairs, Spent Nuclear Fuel, and Waste Generator Services personnel and contains Conference Rooms.	Yes	No				Will require relocation of personnel and utilities isolation for D&D.

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination						
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
CPP-660	Chem. & Haz. Matl. Storage	6100	1	0	1979	Steel Framed Structure: Includes four overhead doors - 8 ft wide by 10.75 ft high, one exhaust fan - 390 cfm, one exhaust fan - 850 cfm, Fire Suppression System - Wet Pipe - 6100 sq ft, four electric heaters - 15 KW, four electric heaters - 10 KW, loading dock 24 ft wide by 4.5 ft high, 24 ft by 50 ft dock for gas bottle storage, loading dock - 12 ft wide by 4.5 ft high, 8 ft by 12 ft dock with covered loading ramp.	Storage Building: This facility is used for storage and issuance of personal protective equipment, also used as the staging area for compressed gas cylinders.	Yes	No				
CPP-668	Engineering Support Offices	7000	1	0	1978	Steel Framed Structure: Includes on Cooling - DX - 180000 Btu/hr and one steam heater.	Office Building: Facility is being used as a general administrative office.	Yes	No				Requires personnel relocation and utilities isolation for D&D.
CPP-674	Substation #40	455	1	0	1983	Steel Framed Structure	Service Building: Building is an electrical substation.	No	No				Requires utility isolations for D&D.
CPP-675	Substation #30	1000	1	0	1983	Steel Framed Structure	Service Building This is an electrical substation.	No	No				Requires utility isolations for D&D.
CPP-687	Coal-Fired Boiler House	39062	5	0	1983	Steel Framed Structure: Includes two Cooling - DX Air conditioning units, one overhead door - 12 ft wide, one overhead door - 10 ft wide, one exhaust fan - 4040 cfm, one exhaust fan - 1820 cfm, one exhaust fan - 13050 cfm, two exhaust fans - 17200 cfm, four exhaust fans - 51500 cfm, Fire Suppression System - wet pipe - 39062 sq. ft., fourteen steam heaters, one 6 ton hoist, one 5 ton hoist, one 1 ton hoist.	Service Building: This facility housed the coal fired steam generating boilers.	No	No				Facility inactivated. Will require utilities isolation for D&D.
CPP-688	Coal Plant Unload Bldg	10625	3	1	1983	Steel Framed Structure: Includes on exhaust fan - 1240 cfm, Fire Suppression System two Dry Pipe sections - 10625 sq ft, one electric heater unit, one 4 ton hoist, bucket elevator.	Service Building: Building used to unload train cars.	No	No				Facility inactivated. Will require utilities isolation for D&D.
CPP-689	Coal Plant Guard House	100	1	0	1983	Steel Framed Structure	Service Building	No	No				Facility inactivated. Will require utilities isolation for D&D.
CPP-690	Coal Plant Storage Bldg	1300	1	0	1983	Steel Framed Structure: Includes one electric heater - 10 KW.	General Storage	No	No				Facility inactivated. Will require utilities isolation for D&D.
CPP-696	Coal Plant Offices	800	1	0	1984	Steel Framed Structure	Office	No	No				Facility inactivated. Will require utilities isolation for D&D.
CPP-698	MK Offices/Warehouse	25000	2	0	1984	Steel Framed Structure: Includes 4 overhead doors - 15 ft wide, 16 ft high, one exhaust fan, Fire Suppression System - Wet Pipe - 25000 sq ft, one electric heater unit.	Office Building: General office space on two floors, used for construction management staff, storage, warehousing, and construction support.	Yes	No				Requires personnel relocations and utility isolations for D&D.
CPP-699	Training/Prod. Office Bldg.	11200	1	0	1985	Steel Framed Structure: Includes Fire Suppression System/Wet Pipe/11500 sq ft, one electric heater unit, four steam heaters.	Office Building: Contains general office space and Auditorium/Conference - 711 sqft.	No	No				Requires personnel relocations and utility isolations for D&D.
CPP-712	Bldg. Instrument House	161	1	0	1953	Masonry block structure.	Houses instrumentation for the tank farm operations.	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRS	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following: CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).

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CPP-713	Tank Vault for VES WM-187, 188, 189 & 190	12528	1	1	1972	Reinforced Concrete Structure.	Concrete structure built to house the tank farm waste tanks 187, 188, 189 & 190.	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-717A	Waste Storage Vault for VES-WM 103	2064	1	1	1953	Welded Steel Construction.	Secondary containment for waste storage tank VES-WM 103	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-717B	Waste Storage Vault for VES-WM 104	2064	1	1	1953	Welded Steel Construction.	Secondary containment for waste storage tank VES-WM 104	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-717C	Waste Storage Vault for VES-WM 105	2064	1	1	1953	Welded Steel Construction.	Secondary containment for waste storage tank VES-WM 105	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination					Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level		
CPP-717D	Waste Storage Vault for VES-WM 106	2064	1	1	1953	Welded Steel Construction.	Secondary containment for waste storage tank VES-WM 106	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-721	Condenser Pit VES-WM-182	106	1	0	1953	Reinforced Concrete Structure 10ft wide by 10.5 ft deep by 7 ft. high	Used as a transfer station for Tank Farm Operations	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-722	Condenser Pit VES-WM-183	106	1	0	1953	Reinforced Concrete Structure 10ft wide by 10.5 ft deep by 7 ft. high	Used as a transfer station for Tank Farm Operations	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-723	Relief Valve	28	1	0	1953	Reinforced Concrete Structure 5.5 ft wide by 5 ft deep by 2 ft high	Used as the Relief Valve Pit at the Tank Farm Area	No	No			IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-727	Acid Storage VES-CS-169	550	N/A	0	1983	Welded steel structure 10 ft high with a 6.5 ft dia.	Structure was used to store acid for the FAST operations	No	No				Tank is no longer in use - waiting for D&D. Requires utility isolations for D&D.

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination					Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level		
CPP-737	Condenser Pit/HE-WM-300	80	2	1	1953	Reinforced concrete structure 9ft high with approximately 6 ft below grade.	Condenser pit used for the tank farm operations.	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRS	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-738	Cooling Water Pit/HE-WM-310	90	2	1	1953	Reinforced concrete structure 9ft high with approximately 6 ft below grade.	Used as the cooling water pit associated with the tank farm operations.	No	No			IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRS	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-739	Condenser Pit for HE-WM-302	90	2	1	1953	Reinforced concrete structure 9ft high with approximately 6 ft below grade.	Used as the cooling water pit associated with the tank farm operations.	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRS	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-740	Settling Basin and Dry Well	20	1	1	1953	Reinforced concrete structure 3 ft high below grade.	Used as a settling basin at INTEC	No	No				No longer in use - waiting D&D. Requires utilities isolation for D&D.
CPP-743	Condenser Pit for HE-WM-387	80	1	1	1953	Reinforced concrete structure, below grade.	Is the condenser pit for waste management operations at INTEC	No	Yes	Cs, Sr, U, Pu	>1,000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRS	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-755	Coal Storage Pad So CPP-687	79,047	N/A	N/A	1980	Asphalt paved surface area with drainage ditches around the structure.	Was used to store coal for the Coal Fired Steam Generating Facility.	No	No				No longer in use - waiting D&D. Requires utilities isolation for D&D.
CPP-758	Leaching Cesspool	60	N/A	N/A	1975	Reinforced concrete structure below grade with manway hatch at grade level.	Used as a cesspool/septic tank for CPP-758.	No	No				Requires utility isolations for D&D.
CPP-759	Leaching Cesspool for MK Bldg	60	N/A	N/A	1977	Reinforced concrete structure below grade with manway hatch at grade level.	Used as a cesspool/septic tank for T-1 & T-5.	No	No				No longer in use. Requires utilities isolation for D&D.

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination						
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
CPP-763	Vault for VES-WM-191	2500	1	1	1969	Round reinforced concrete structure, approximately 20 ft high.	Structure used as a waste tank for the tank farm operations.	No	No			Sar II-4.3 - (TL)	
CPP-764	SFE Hold Tank Vault	96	2	2	1980	Reinforced concrete structure with 2 floors below grade. Has a metal enclosure structure over it.	Used as a SFE Holding Tank.	No	No			IAG-44 for INTEC Underwater fuel receiving & storage facility (CPP-603), SAR/TSR-116 - (TL)	Hazard Category 2 - INTEC CPP-603 Basin Facility, includes CPP-603A Fuel Receiving and Storage Basin, CPP-648(Basin Sludge Tank Control House & Vault & CPP-764 (SFE Waste Hold Tank Vault). Waiting for D&D.
CPP-775	Fuel Oil Pump Shed	48	1	0	1983	Engineered metal building, 10ft high by 8 ft wide by 6 ft deep.	Used as the fuel oil pump shed at the CFSGF.	No	No				Not in use. Requires utility isolations for D&D.
CPP-776	Car Thaw Station	1,360	1	0	1983	Engineered metal building, 20ft high.	Used as the thawing station for railroad cars carrying coal for the CFSGF.	No	No				Not in use. Requires utility isolations for D&D.
CPP-778	Elec. Substation	200	N/A	N/A	1983	Fenced in area that contains a concrete pad 8ft by 8 ft on which a metal substation is bolted onto.	13,800 volts substation for the CFSGF.	No	No				Not in use. Requires utility isolations for D&D.
CPP-780	Vault for Waste Tank VES-WM-180	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-180.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-781	Vault for Waste Tank VES-WM-181	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-181.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-782	Vault for Waste Tank VES-WM-182	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-182.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), CPP-786 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination					Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level		
CPP-783	Vault for Waste Tank VES-WM-183	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-183.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-784	Vault for Waste Tank VES-WM-184	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-184.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-785	Vault for Waste Tank VES-WM-185	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-185.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-786	Vault for Waste Tank VES-WM-186	640	1	1	1960	Reinforced Concrete Structure.	Used to contain waste tank VES-WM-186.	No	Yes	Cs, Sr, U, Pu	>1000 D/M	IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF & TSRs	As an integral part of the overall process system this is a Hazard Category 2 - INTEC Tank Farm Facilities which includes the following; CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. & Control Bldg.), CPP-619 (Waste Storage Control House), CPP-622 (Instr. House), CPP-623 (Instr. House), CPP-628 (Tank Farm Waste Storage House), CPP-632 (Instr. House), CPP-634 (Waste Storage Pipe Manifold Bldg.), CPP-635 (Waste Storage Pipe Manifold Bldg.), CPP-636 (Waste Storage Pipe Manifold Bldg.), CPP-712 (Instr. House), CPP-713 (Vault for Storage Tanks), CPP-780 (Vault for Storage Tanks), CPP-781 (Vault for Storage Tanks), CPP-782 (Vault for Storage Tank), CPP-783 (Vault for Storage Tanks), CPP-784 (Vault for Storage Tanks), CPP-785 (Vault for HLW Storage Tank), & CPP-1683 (New Control Room).
CPP-787	Stack Exhaust Tapered	120	N/A	N/A	1983	Welded steel structure.	Used as an exhaust stack at the CFSGF.	No	No				Not in use. Requires utility isolations for D&D.
CPP-788	Boiler Baghouse #1	600	1	0	1983	Steel framed structure with metal siding.	Used as a baghouse for the CFSGF	No	No				Not in use. Requires utility isolations for D&D.
CPP-789	Boiler Baghouse #2	600	1	0	1983	Steel framed structure with metal siding.	Used as a baghouse for the CFSGF	No	No				Not in use. Requires utility isolations for D&D.
CPP-792	Ash Silo	100	5	0	1983	Steel beam construction with metal reinforcing members. Silo is a metal enclosed structure. Total height is 75 ft.	Used as the Ash Silo for the CFSGF.	No	No				Not in use. Requires utility isolations for D&D.
CPP-793	Limestone Silo	120	1	1	1983	Round structure formed of welded steel.	Used as the limestone silo for the CFSGF.	No	No				Not in use. Requires utility isolations for D&D.

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination						
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
CPP-794	Dust Collector	400	N/A	N/A	1983	Steel framed structure.	Used as the coal handling dust collector at the CFSGF	No	No				Not in use. Requires utility isolations for D&D.
CPP-1607	Automatic Foam Fire Prot. Bldg	160	1	0	1983	Steel Framed Structure: Includes a dry pipe sprinkler system and two electric 2KW unit heaters.	Service Building: This facility provides foam for fire extinguishing needs in CPP-694.	No	No				Requires utility isolations for D&D.
CPP-1617	Waste Staging Facility	6000	1	0	1986	Steel Framed Structure: Has an overhead door and is partially protected by a dry pipe sprinkler system. Overhead Door - 10 ft wide, 8 ft high. Fire Suppression System - Dry Pipe - 800 sq ft. Electric Heating - 7500 KW.	Processing Building: Facility is located within the hazardous and mixed waste staging area, is used for processing & staging materials.	No	Yes	Cs, Sr	>1000D/M	NWCF RCRA Closure Plan, Volume 18, PER 109-A-10	The facility is considered to be a Radiological type with a Hazard Classification of low. Requires utility isolations for D&D.
CPP-1634	Technology Dev. Facility	3157	1	0	1993	Steel Framed Structure: Facility incorporates an overhead crane, overhead door, and high bay for handling research mockups, One Crane - 10 ton, bridge crane, Overhead Door - 12 ft wide, 16 ft high, Fire Suppression System - Wet Pipe - 3157 sq ft, High Bay - 74 ft long, 38 ft wide, 34 ft high.	Demonstration/Research Building: Facility was designed as a research development laboratory to support HLW activities. It is a high bay design incorporating lab gases, service waste, treated and potable water, etc. Lab, TD&D (Scaleup, Testing & Mockup).	No	No			PSD 9.2	Facility is classified as a Non-Nuclear type with a Hazard Classification of Low.
CPP-1635	Haz. Chemical Storage Facility	2510	1	0	1992	Prefabricated/modular Structure: Includes overhead door - 8 ft. wide, 8 ft. high, emergency shower, eye wash station, and numerous drainage pits. Cooling - DX (2) air conditioners, Fire Suppression System - Wet Pipe - 2510 sq ft. Pit/Trench/Sump - 13.3 ft long, 4.3 ft wide, 8.3 ft deep, Pit/Trench/Sump - 23.5 ft long, 4.3 ft wide, 8.3 ft deep, Pit/Trench/Sump - 5.75 ft long, 4.3 ft wide, 1 ft deep, Pit/Trench/Sump - 22.3 ft long, 4.3 ft wide, 8.3 ft deep, Pit/Trench/Sump - 16 ft long, 4.3 ft wide, 8.3 ft deep.	Storage Building: Facility stores hazardous chemicals.	No	No				Requires relocation of stored materials and isolation of utilities for D&D.
CPP-1636	Warehouse	6000	1	0	1989	Steel Framed Structure: Includes three Overhead Doors - 12ft wide, 16ft. high.	General Storage: Warehouse built to support the FPF project. Is being used for general materials storage. Electricity is the only utility in this building.	No	No				Requires relocation of stored materials and isolation of utilities D&D.
CPP-1644	Bulk Chemical Unloading	1650	1	0	1991	Steel Framed Structure: Includes a 17ft. high bay, emergency eyewash and showers, and remote breather air station. Two Overhead Doors - 12 ft wide, 14 ft high, roll up type, Fire Suppression System - Wet Pipe - 1650 sq ft, Four Steam Heaters - 94000 Btu/hr. High bay area is 82ft long, 18ft wide and 17.8ft high. Has a drive through truck bay. Pit/Trench/Sump - 56 ft long, 1 ft wide, 1.5 ft deep, spill trench & sump along East side of CPP-1644.	Hazardous/Flammable Transfer Building: Facility is used for unloading bulk chemicals that are of a hazardous & flammable content.	No	No				Requires utilities isolation for D&D.
CPP-1646	Anti-C Safety Handling Facility	3842	1	0	1991	Steel Framed Structure: Includes Cooling - DX air handling unit, Overhead Door - 10 ft wide, 10 ft high, Fire Suppression System - Wet Pipe - 3482 sq ft, Three Electric Heaters, 70 KW, Pit/Trench/Sump - 12 ft long, 3 ft wide, 6 ft deep.	Nuclear Contaminated Storage: Facility handles and stores soiled anti-C clothing prior to shipment off-site for cleaning or disposal.	Yes	No				
CPP-1649	Instr. Storage & Maint. Facility	1744	2	1	1991	Steel Framed Structure: Includes a Calibration lab, maintenance area and storage for instruments. Cooling - DX (1) , AHU-UTI-207, Fire Suppression System - Wet Pipe - 1744 sq ft, Two Electric Heaters - 5 KW.	Testing Facility: Facility maintains, calibrates and stores sensitive nuclear rated instruments used for processing activities.	Yes	No				Requires relocation of stored equipment and isolation of utilities for D&D.

Exhibit C.5a - Idaho Nuclear Technology and Engineering Center Facilities - Demolition by 2012

Idaho Nuclear Technology Engineering Center - EM							Radiological Contamination						Comments
Building Number	Building Name	Area (sq ft)	# of Flrs	# Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Ocp'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	
CPP-1651	Operations Training Facility	6000	1	0	1992	Steel Framed Structure: Has four small training rooms, used for small groups or individuals. Two are separated by a folding partition making expansion easy. Five Cooling - DX - 78000 Btu/hr, water to air heat pumps. Three Cooling - DX - 30000 Btu/hr, water to air heat pumps. Fire Suppression System - Wet Pipe - 6000 sq ft. Two Electric Heaters - 30 KW - duct heater and Three Electric Heaters - 15 KW, duct heater.	Specialized Training Building: This facility provides general administration space for plant training activities. Spaces consist of offices; break area, library, and four smaller training rooms, some with computer-aided stations.	Yes	No				Requires relocation of offices, training equipment and utility isolations for D&D.
CPP-1653	Subcontractor's Warehouse	12400	1	0	1991	Steel Framed Structure: Includes overhead doors. The building is not heated. Two Overhead Doors - 20 ft wide, 16 ft high, One Overhead Door - 10 ft wide, 16 ft high. The only utility to the building is electricity.	General Storage: Facility originally used as a subcontractor's warehouse. Is now used for storage of environmental samples and fabrication activities.	Yes	No				Requires relocation of stored equipment and isolation of utilities for D&D.
CPP-1656	Warehouse	6065	1	0	1991	Steel Framed Structure: Has two overhead doors - 12 ft wide & 12 ft high, electricity is the only utility in the building.	General Storage: This facility is a general-purpose warehouse.	No	No				Requires relocation of stored equipment and isolation of utilities for D&D.
CPP-1662	Remote Insp. Engr. Facility	2772	1	0	1992	Steel Framed Structure: Features include a test pit, high bay area, Cooling - DX (1) - 45100 Btu/hr. One Crane - 3 ton, under hung crane. Overhead Door 16ft. wide & 14ft. high. Fire Suppression System - Wet Pipe - 2772 sq ft. Four Electric Heaters - 25 KW. High Bay - 68 ft long, 24 ft wide, 50 ft high. One Pit/Trench/Sump - 22 ft long, 15 ft wide, 16 ft deep and one Pit/Trench/Sump - 2 ft long, 2 ft wide & 1 ft. deep.	Large Scale Demonstration/Research Building: This facility is used for development, assembly, testing and maintenance of remote robotic equipment. Lab, TD&D (Scaleup/Testing/Mockup).	Yes	No				Requires relocation of personnel and utility isolations for D&D.
CPP-1666	Engineering Support Office	7168	1	0	1993	Prefabricated/modular Structure: Includes a wet fire suppression system for the entire building. HVAC consists of seven self-contained heating and cooling units.	Office Building: Is used as an office facility. It is currently configured with offices, conference room, computer room, library, and storage areas for the construction project management staff.	Yes	No				Requires relocation of personnel, equipment and utility isolations for D&D.
CPP-1677	Change Room	230	1	0	1994	Steel Framed Structure: One Electric Heater - 5 KW.	Change House: Has separate change areas for male and female employees.	No	No				Requires utilities isolation for D&D.
CPP-1678	Contractors Lunch Room	2450	1	0	1994	Prefabricated/modular Structure: One Overhead Door - 12 ft wide, 12 ft high.	Carpentry Shop: Facility is being used as INTEC's carpentry shop.	Yes	No				Requires relocation of carpentry shop for D&D.
CPP-1714	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1716 thru 1728	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1730 thru 1732	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1734 thru 1738	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1740	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1744 & 1745	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1752	Camera Tower	N/A	N/A	N/A	N/A	Prefabricated galvanized steel modular structure 32 ft high.	Used as a support structure for security camera.	No	No				Shutdown, waiting D&D.
CPP-1753	Septic Tank, VES-VM-101	25	1	1	1990	Reinforced concrete structure below grade.	Used as a septic tank.	No	No				No longer in use, abandoned and filled with sand. Waiting final D&D.
CPP-1755	Septic Tank, VES-CFE-6013	25	1	1	1983	Reinforced concrete structure below grade. Has metal hatch at grade for entry.	Used as a septic tank.	No	No				Shutdown, waiting D&D. Requires utility isolations for D&D.
CPP-1759	Diesel Storage Tank Basin	120	N/A	N/A	1991	Reinforced concrete structure, contains diesel tank and is 10 ft high.	Used to contain diesel spills.	No	No				Diesel storage tank is no longer in service, waiting D&D. Requires utility isolations for D&D.
CPP-1779	Percolation Ponds	958320	N/A	N/A	1978	Earthen construction located on the South side of INTEC.	Used for the discharge of the INTEC service wastewater system.	No	No				No longer in use, waiting D&D. Requires utility isolations for D&D.
CPP-1780	Ash Burial Pit Area	252248	N/A	N/A	1981	Earthen structure.	Used for the placement of ash generated from the coal plant operations.	No	No				Abandoned in 2000, waiting D&D.
CPP-TB-5	Unloading Station	3150	1	0	1985	Prefabricated/modular No Utilities.	Programmatic General Storage	No	No				Utilities are inactivated and building is waiting for D&D.
CPP-TR-35	Office Trailer	1960	1	0	1991	Trailer: Two sectional office trailer.	Office Building: Currently being used as an office trailer.	Yes	No				Will require personnel relocations and utility isolations for D&D.