

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 155	3. EFFECTIVE DATE 09/28/2010	4. REQUISITION/PURCHASE REQ. NO. 10EM003935	5. PROJECT NO. (If applicable)
6. ISSUED BY Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415	CODE 00701	7. ADMINISTERED BY (If other than Item 6) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415	CODE 00701
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  CH2M WG IDAHO LLC Attn: Michael D. Ebben 151 NORTH RIDGE AVENUE SUITE 150 IDAHO FALLS ID 834024039		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 166527569		9B. DATED (SEE ITEM 11)	
FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14516	
		10B. DATED (SEE ITEM 13) 03/23/2005	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended.  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	Clause I.81 52.243-2 Changes - Cost Reimbursement (AUG 1987) & Alt I (APR 1984)

E. IMPORTANT: Contractor  is not.  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

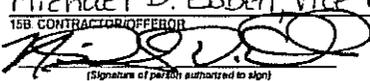
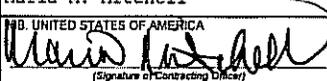
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 05-0607601

DUNS Number: 166527569

This modification provides an equitable adjustment for settlement of costs and schedule impacts incurred as a result of the settlement of the litigation on transuranic waste buried at the Subsurface Disposal Area at the Radioactive Waste Management Complex and the signing of the final OU 7-13/14 Record of Decision. The U.S. Department of Energy and the state of Idaho signed an Agreement on July 2, 2008, and the Court entered the Order incorporating the Agreement on July 3, 2008 and the final OU 7-13/14 Record of Decision was signed on September 25, 2008. This modification also provides an equitable adjustment for settlement of costs and schedule impacts incurred as a result of programmatic funding shortfalls and the one-year delay to the Sodium Bearing Waste Project resulting in the Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael D. Ebben, Vice President		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria M. Mitchell	
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 9/28/2010	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 09/28/2010

NSN 7540-01-152-0070  
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC07-05ID14516/155

PAGE OF  
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NAME OF OFFEROR OR CONTRACTOR  
CH2M WG IDAHO LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	delay to several projects on the Idaho Cleanup Project (ICP) critical path. Delivery Location Code: 00701 Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415 US  FOB: Destination Period of Performance: 03/23/2005 to 09/30/2012  Change Item 00001 to read as follows (amount shown is the total amount):				
00001	IDAHO CLEANUP PROJECT AT THE INL Line item value is: \$3,113,253,558.00 Incrementally Funded Amount: \$2,335,526,596.20  The total contract value is revised to \$3,113,253,558. This includes \$2,564,570,171 in Target Cost, \$188,683,387 in Target fee, and \$360,000,000 in Defined Benefit Pension Plan Funding.  For detailed information, refer to the attached Continuation Pages incorporated as part of this modification.				3,113,253,558.00
00002	Change Item 00002 to read as follows (amount shown is the total amount):  B.5 Items Not Included in Target Cost Line item value is: \$470,430,498.56 Incrementally Funded Amount: \$470,430,498.56  No change with this modification.				470,430,498.56

This modification provides an equitable adjustment for settlement of costs and schedule impacts incurred as a result of the settlement of the litigation on transuranic waste buried at the Subsurface Disposal Area (SDA) at the Radioactive Waste Management Complex (RWMC) and the signing of the final OU 7-13/14 Record of Decision (ROD). The U.S. Department of Energy (DOE) and the state of Idaho signed an Agreement on July 2, 2008, and the Court entered the Order incorporating the Agreement on July 3, 2008, and the final OU 7-13/14 ROD was signed on September 25, 2008. This modification also provides an equitable adjustment for settlement of costs and schedule impacts incurred as a result of programmatic funding shortfalls and the one-year delay to the Sodium Bearing Waste (SBW) Project resulting in the delay to several projects on the Idaho Cleanup Project (ICP) critical path. The contract is modified as follows:

**1. Section B.3 TOTAL CONTRACT TARGET COST, FEE, AND COMPLETION**

**DATE**, paragraph (a) is modified as follows:

- (a) The target cost is increased \$18,217,806 from \$2,546,352,365 to \$2,564,570,171 and target fee is increased \$1,340,830 from \$187,342,557 to \$188,683,387. The total contract target cost and target fee are based on the contract completion date of September 30, 2012. (The total proposed contract Target Cost and Target Fee shall not exceed the funding limits specified in Section B.2 – Cleanup Funding, on either an annual or total basis.)

**2. Section B - B.6(c) FEE PAYMENT SCHEDULE AND ADJUSTMENTS** is modified as follows:

- (c) Earned Fee

Earned Fee is a conversion from Provisional Fee to Earned Fee and will be included in the final fee determination. Earned Fee will be recognized for physical completion of the Statement of Work (SOW) elements identified in the table below, less any adjustments stemming from Conditional Payment of Fee B.6(d). The total of all Earned Fee payments will not exceed 35% of the total Target Fee established at the time of contract award.

<b>Activity</b>	<b>% Target Fee</b>
Completion of TAN scope (C.4)	2.5
Completion of TRA scope (C.5)	2.0
Completion of PBF scope (C.6)	1.5
Completion of stored RH-TRU scope (C.3.5.1)	2.0
Completion of nuclear materials scope (C.2.6, C.5.4)	1.5
Completion of EM owned SNF transfers (C.2.7.1, C.5.6)	1.5
Completion of SBW Scope (C.2.4.3)	1.0
Completion of WAG 7 Retrieval Area #1 (C.3.4)	2.9
Completion of WAG 7 Retrieval Area #2 (C.3.4)	2.9
Completion of WAG 7 Retrieval Area #3 (C.3.4)	2.9
Completion of WAG 7 Retrieval Area #4 (C.3.4)	2.9
Completion of WAG 7 Retrieval Area #5 (C.3.4)	2.9
Completion of WAG 7 Retrieval Area #6 (C.3.4)	2.9
Closure of seven (300,000 gal capacity) HLW tanks and vaults (C.2.8.1)	3.0
Completion of contract end states for CPP-601, CPP-640, CPP-603 (basins), and CPP-648 (sludge tanks and control house) (C.2.1.2)	2.5
<b>Potential Earned Fee Total (Percentage of Target Fee)</b>	<b>35.0</b>

**3. Section C - C.3.4 WAG 7 Waste Exhumation** is modified as follows:

It is the purpose and intent of this contract to address potential releases to the SRPA from TRU wastes located in the retrieval areas (Table C.5) by removing the wastes identified below and simultaneously removing other collocated contaminants of concern. If retrieval activities are dependent on the outcome of pending NEPA, CERCLA, or other applicable regulatory processes, the contractor is authorized to continue those activities to the extent they are consistent with applicable NEPA, CERCLA, or other regulatory decisions and do not prejudice the selection of future retrieval activities. The contractor shall work with DOE and the regulators to develop a project plan that governs what materials will be removed from the SDA based upon measured or visual information including but not limited to:

1. Focus retrieval on TRU waste, as defined in the WIPP Land Withdrawal Act, based on a combination of inventory data, visual screening, and field measurements;
2. Maximize TRU curies retrieved and removal of volatile organic compounds as co-contaminants;
3. Minimize generation of waste with no path to disposal;
4. Problematic materials such as, but not limited to, RH waste, waste without treatment technologies or disposal pathways, large pieces of equipment or other large objects may be left in place if they do not present a significant risk to human health or safety; and
5. Ensure consistency of retrieval actions with the anticipated final remedy for the SDA, which will likely also include a cap, stabilization and/or containment.

The contractor shall retrieve, consistent with the above criteria, the following waste streams in the areas listed in Table C.5 below, as determined by inventory data and visual identification:

- Rocky Flats Building 741 sludges;
- Rocky Flats Building 742 sludges;
- Rocky Flats Building 743 sludges;
- Graphite wastes;
- Roaster oxides; and
- Filters and pre-filters.

If new information becomes available that supports the reprioritizing or change in scope of the retrieval actions, the contractor shall propose to DOE, for regulatory approval, a modification to the schedule or scope of the retrieval actions or areas as defined in Table C.5 below. Pending DOE authorization, the contractor shall begin exhumation, i.e., retrieval of buried TRU and other collocated wastes, in Retrieval Area # 1 by July 1, 2005, and complete all retrieval by September 30, 2012. Refer to Exhibit C.14 for a retrieval area map.

**Table C.5 WAG 7 Waste Exhumation Areas**

<b>Retrieval Area No.</b>	<b>Designated Area</b>	<b>Acreage</b>
1	ARP I/Pit 4	.50
2	ARP II/Pits 4/6	.34
3	ARP III/Pit 6* (.37)	.43*
4	ARP IV/Pit 5	.79
5	ARP V/Pit 9	.27
6	ARP V/Pit 9	.28
	<b>Total Acreage* (2.55)</b>	<b>2.61*</b>

\*This is the amount required by the OU 7-13/14 ROD; however, .06 acres between ARP II and ARP III will not be required to be exhumed during this contract period. The total for this contract is 2.55 acres.

The contractor shall by the end of the contract term dispose of the retrieved waste in accordance with the applicable waste disposal requirements, specified in Sections C.1.8 and C.3.5 of the SOW.

The contractor shall by the end of the contract term perform in-situ grouting of soil vaults and trench areas totaling approximately 0.2 acres per section 12.2.2 of the Record of Decision for Radioactive Waste Management Complex Operable Unit 7-13/14.

**4. Section C – C.2.8.1 Tank Farm Facility** is modified as follows:

For tanks WM-103 through WM-106 and WM-180 through WM-186, the contractor shall stabilize the residual solids and dispose of them as waste incidental to reprocessing that is disposed of as low level waste, and complete in-place closure of the tank farm by September 30, 2012. Flushing, cleaning and emptying of the tanks shall proceed per the approved RCRA closure plans. In light of the legal uncertainties, stabilization of the residual solids, closure of tanks, and any other activities that depend on classification or disposal of waste from reprocessing as anything other than high level waste shall require specific authorization by DOE. The contractor shall perform the work described in Section C.2.4.3 and perform surveillance and maintenance on tanks WM-187, 188, 189 and WM-190 through contract completion.

The contractor shall develop all RCRA closure plans for all tanks in the tank farm and will commence closure of underground storage tanks WM-103 through WM-106 and WM-180 through WM-186 and ancillary piping and equipment. A Phase I RCRA Closure Plan was issued in April 2002 for tanks WM-182 and WM-183 to begin the closure process. A Phase II RCRA Closure Plan for tanks WM-184, WM-185 and WM-186 was approved by the state of Idaho in February 2004. The Phase III Tank Closure plan for tanks WM-103, WM-104, WM-105, WM-106 and WM-181 was submitted to the state of Idaho in April 2004. (Approved Tank Closure Plans are available on the Shared Library at [www.id.doe.gov/doiid/RFPSharedLibrary/refdoc.htm](http://www.id.doe.gov/doiid/RFPSharedLibrary/refdoc.htm)). In addition to the RCRA Closure Plans, a Tier 1 Closure Plan for the entire Tank Farm has been developed and submitted to DOE Headquarters for approval in accordance with DOE Order 435.1.

The tank farm consists of fifteen storage tanks (as described in Table C.1 of Section C.2.4), tank vaults, interconnecting waste transfer lines, valves and valve boxes, cooling equipment, and several small buildings that contain instrumentation and equipment for the waste storage tanks. The tanks are constructed of stainless steel and were placed in service in the 1950s and early 1960s. The eleven large tanks are approximately 50 feet in diameter, have a wall height of approximately 21 feet, and have three or four 12-inch diameter access risers. The tops of the tank vaults are located approximately 10 to 15 feet below grade. The four smaller underground tanks are horizontal cylinders approximately 11.5 feet in diameter, are 38 feet long, and are covered by compacted gravel. These smaller tanks are not enclosed in vaults, but instead rest on reinforced concrete slabs. Each of the smaller tanks has four or five access risers installed.

**5. Section C Exhibits**

C.5a, C.5b, C.8, and C.10a are hereby deleted in their entirety and replaced with the attached revised exhibits.

**CONTRACTOR'S STATEMENT OF RELEASE:** This modification fully resolves all cost and schedule impacts incurred as a result of Idaho District Court Agreement to Implement, programmatic funding shortfalls and one-year delay to the Sodium Bearing Waste Project with contract Section I.81 52.243-2 Changes—Cost Reimbursement Alt I.

The Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the proposal for adjustment. The total price of the equitable adjustment is \$19,558,636 (\$18,217,806 Target Cost increase and \$1,340,830 Target Fee increase).

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

**DE-AC07-05ID14516  
Mod 155**

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	<del>Gold Waste Facility-Office</del>	<del>084</del>	<del>4</del>	<del>0</del>	<del>1977</del>	<del>Steel Framed Structure: Has one overhead door - 14 ft. wide &amp; 14 ft. high and one steam heater.</del>	<del>General Office Building is used for general offices.</del>	<del>Yes</del>	<del>No</del>				
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	<b>Hazard Category 2</b> - 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 Tanks), 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	<b>Hazard Category 2</b> - 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 Tanks), 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	<b>Hazard Category 2</b> - 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 Tanks), 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).

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

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-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 (TF), LST-108-INTEC TFF Safety Basis List, SAR/TSR-107-TFF & TSRs	<b>Hazard Category 2</b> - 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-627	Remote Analytical Building	14,727											
CPP-628	Tank Farm Controlhouse	1484	1	0	1963	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 (TF), LST-108-INTEC TFF Safety Basis List, SAR/TSR-107-TFF & TSRs	<b>Hazard Category 2</b> - 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 (TF), LST-108-INTEC TFF Safety Basis List, SAR/TSR-107-TFF & TSRs	<b>Hazard Category 2</b> - 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).

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

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-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	<b>Hazard Category 2</b> - 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	<del>Waste Station</del>	200	1	0	1960	<del>Steel-Framed Structure: Includes two Electric Unit Heaters.</del>	<del>Service Building: This facility is used to support the Tank Farm Processing Operations.</del>	No	Yes	Cs, Sr, U, Pu	> 1000D/M	<del>IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF &amp; TSRs</del>	<del><b>Hazard Category 2</b> - INTEC Tank Farm Facilities which includes the following: CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. &amp; 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), &amp; CPP-1683 (New Control Room).</del>
CPP-636	<del>Waste Station</del>	200	1	0	1965	<del>Steel-Framed Structure: Includes electric heater, lighting and electrical power.</del>	<del>Service Building: This facility is used to support Tank Farm Processing Operations.</del>	No	Yes	Cs, Sr, U, Pu	> 1000D/M	<del>IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF &amp; TSRs</del>	<del><b>Hazard Category 2</b> - INTEC Tank Farm Facilities which includes the following: CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. &amp; 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), &amp; CPP-1683 (New Control Room).</del>
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 <b>Hazard Category 2</b> - 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).

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

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	Occ'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
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	Unirad. Fuel Storage Facility	4415	4	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-661); SAR-147-2-Section 2-1.3; PSD 4-8-series.	<del>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&amp;D.</del>
CPP-663	Waste Handling Facility	4830	4	0	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.
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	456	4	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.

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-688	Coal Plant Unload Bldg	10625	3		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.
<del>CPP-698</del>	<del>MK-Offices/Warehouse</del>	<del>26000</del>	<del>2</del>	<del>0</del>	<del>1984</del>	<del>Steel Framed Structure: Includes 4 overhead doors - 15 ft wide, 16 ft high, one exhaust fan, Fire Suppression System - Wet Pipe - 26000 sq ft, one electric heater unit.</del>	<del>Office Building: General office space on two floors, used for construction management staff, storage, warehousing, and construction support.</del>	<del>Yes</del>	<del>No</del>				<del>Requires personnel relocations and utility isolations for D&amp;D.</del>
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	<b>Hazard Category 2</b> - 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).
<del>CPP-713</del>	<del>Tank Vault for VES WM-187, 188, 189 &amp; 190</del>	<del>12628</del>	<del>1</del>	<del>1</del>	<del>1972</del>	<del>Reinforced Concrete Structure.</del>	<del>Concrete structure built to house the tank farm waste tanks.</del>	<del>No</del>	<del>Yes</del>	<del>Cs, Sr, U, Pu</del>	<del>&gt;1,000 D/M</del>	<del>IAG-39 for Tank Farm Facilities (TFF), LST-108 INTEC TFF Safety Basis List, SAR/TSR-107 TFF &amp; TSRS</del>	<del><b>Hazard Category 2</b> - INTEC Tank Farm Facilities which includes the following: CPP-604 (Waste Treatment Bldg.), CPP-618 (Tank Farm Instr. &amp; 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), &amp; CPP-1683 (New Control Room).</del>

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

**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-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	<b>Hazard Category 2</b> - 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	<b>Hazard Category 2</b> - 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	<b>Hazard Category 2</b> - 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-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	<b>Hazard Category 2</b> - 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).

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

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-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 <b>Hazard Category 2</b> - 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-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-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 <b>Hazard Category 2</b> - 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-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-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 <b>Hazard Category 2</b> - 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-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-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.

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007



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	Occ'd	Contaminated	Type	Level	Related Documents - Available on ICP Shared Library unless indicated as Technical Library (TL)	Comments
CPP-743	Condenser Pit for HE-WM-387	80	4	4	1963	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 <b>Hazard Category 2</b> - 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 Tanks), 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-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.
CPP-763	Vault for VES-WM-194	2600	4	4	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)	<b>Hazard Category 2</b> - 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 <b>Hazard Category 2</b> - 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 Tanks), 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						
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-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 <b>Hazard Category 2</b> - 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 <b>Hazard Category 2</b> - 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-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 <b>Hazard Category 2</b> - 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-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 <b>Hazard Category 2</b> - 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).

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

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-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 <b>Hazard Category 2</b> - 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-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 <b>Hazard Category 2</b> - 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-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.
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-1619	Haz Chem/Rad Waste Facility or Unloading Station	2800	1	0	1988	Reinforced Concrete 2 Overhead Doors - 14 ft wide by 14 ft high, Overhead Door - 10 ft wide by 10 ft high, 3 Overhead Doors - 10 ft wide by 8 ft high, Two Electric Heaters - 39 KW, Two Electric Heaters - 7.5 KW, Two Electric Heaters - 5 KW, One Electric Heater - 10 KW, Fire Suppression System - Dry Pipe - 2800 sq ft., Pit/Trench/Sump - 52 ft long by 3.5 ft wide by 4 ft deep.	Service Building: Facility is the primary receiving, shipping and storage area for hazardous chemicals and radioactive waste at INTEC.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	INEEL RCRA operating permit, Vol. 18, IAG-41 for PEWE, LST 110, INEEL RCRA operating permit, Vol. 14, Interim Status Document for CPP-1617 and CPP-1619 Section B, Waste Analysis Plan, SAR 147-2 Section 2.5	Less than Hazard Category 3.
CPP-1634	Technology Dev. Facility	3157	4	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, I&D (Scaleup, Testing & Mockup).	No	No			PSD-9.2	Facility is classified as a Non-Nuclear type with a Hazard Classification of Low.

NOTE: Redlined items were previously deleted by Mod 36 - Material Differences, dated 1/18/2007

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 Firs	# 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-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		4	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		4	0	1994	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.
CPP-1654	Operations Training Facility	6000		4	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 - 45 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.

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 Firs	# 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-1662	Remote Insp. Engr. Facility	2772		4	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, 16 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		4	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		4	0	1994	Prefabricated/modular Structure: One Overhead Door - 42 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		8	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		8	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		8	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		8	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		8	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		8	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		8	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-104	25		4	4	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	968320	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 a office trailer.	Yes	No				Will require personnel relocations and utility isolations for D&D.

Exhibit C.5b - Idaho Nuclear Technology and Engineering Center Facilities - Disposition 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-601	Fuel Process Building	57981	5	3	1953	Reinforced Concrete Structure: One 1 ton crane, One 7.5 ton crane, three 15 ton cranes. Six Overhead Doors (12 ft wide, 14 ft high), One Steam Heater - 187,807 Btu/hr, Two Air Handling Units. Loading dock - 54.33 ft. wide.	Was the original processing facility at INTEC. There is a ramped access to the makeup level provided along the south side for delivery of process materials. The three levels below grade include the operating corridor, the service corridor and the access corridor. Contained within these lower levels are 24 cells used for various processing activities. The deep tanks, used for collection of contaminated liquids, is still operable and is located in the lower level of the facility.	No	Yes	Cs, Sr, U, Pu	> 1000D/M (Disintegrations/Min.)	IAG-37 for Fuel Processing Fac., LST-106 FPF Safety Basis List, INTEC Plant Safety Doc. (PSD), INEEL RCRA Part A Permit Application, SAR 147-2 Section 2.4.1.	<b>Hazard Category 2</b> - INTEC Fuel Processing Facility, includes two facilities; CPP-601 (Fuel Processing Building) & CPP-602 (Denitrator Area) also part of the <b>Hazard Category 2</b> - INTEC Process Equipment Waste System (PEW) which includes the following: CPP-601, CPP-604, CPP-641, CPP-642, CPP-1619 & CPP-1683. Though no longer needed for its intended mission, several active support systems remain operational including Liquid Waste Management (Deep Tanks), Airborne Waste Management, and bulk chemical transfer tanks. Process equipment/piping has been deactivated, left in place and still contains contamination. The Halon disconnected, halon remains in the bottles in the "X" cell. Samplers are no longer in service, highly contaminated with lead shielding (contains over 100 tons of lead). In the east corridor, there is a uranium monitor never used which still contains its source.
CPP-601 (cont)													Cells "L, M, N, & O" contain Raschag Rings that are brittle from Rad contamination. Requires isolation of deep tanks, utilities rerouting and utility isolations for D&D. This facility is expected to be down graded to a Hazard Category 3 by the end of FY04.
CPP-603A	Fuel Receiving and Storage Facility (Basins)	15860	2	1	1953	<del>Reinforced concrete structure. This facility consists of 3 underwater fuel storage basins connected by a canal (contains 1.5 million gals of water). Sediment within the basins is estimated to be approximately 1,480 cu. ft. (54.4 tons) and contains: U-235 (140 ppm, average, for an estimated 6.4 +/- 1.0kg), Pu of 3.45 E-3Ci, &amp; Cd &lt; 1 ppm in sludge, TCLP). A decontamination pad is located near the basin, as is the Fuel Element Cutting Facility—a small "L"-shaped shielded hot cell for the cutting of fuel. The facility is supported by 2 cask loading/unloading areas, 2 truck loading/unloading bays, One cooling—DX, two 15-ton cranes, one 40-ton crane, one 1.5-ton crane, fire suppression system—wet pipe—26,800 sq. ft., air compressor—rotary screw type, fuel transport car, and criticality alarm system.</del>	<del>Special Nuclear Materials Storage: Building CPP-603, known as the Wet &amp; Dry Fuel Storage Facility, is essentially two buildings under one roof and provides fuel management capability for two major functions—wet and dry storage of spent nuclear fuel (SNF). The wet side of CPP-603 (listed as CPP-603A) is described in this table, the Dry Side (CPP-603B) is described in the operational facility list (see exhibit C.2.1b).</del>	Yes	Yes	Limited loose-contamination, mixed-fissile products, fissile material.	About 107 Ci mixed-fission prod. (SNF).	IAG-44 for INTEC Underwater fuel receiving & storage facility (part of CPP-603). IAG 40 for INTEC irradiated fuel storage facility, SAR 147-2 Section 2.1.1, PSD 4.12 series & PSD 4.6. Plant Safety Document—CPP-603 Underwater Fuel Receiving, Handling, and Storage, Document Category I, WIN 107-4.6, Rev 3, 10/07. The following documents provide information on CPP-603A deactivation: 1) BBWI Internal Report, Deactivation Plan for the CPP-603 Fuel Storage Facility; INEEL/INT-04-00047, Rev 0; February 2004. 2) EDF 676; Engineering Design File—CPP-603 Basin Deactivation—Feasibility Study Report, Rev 0, Project File No.—020845-09/26/96—SAR/TSR-116 (TL).	<del>Hazard Category 2—INTEC CPP-603 Basin Facility includes CPP-603A (Fuel Receiving and Storage Facility), CPP-648 (Basin Sludge Tank Control House &amp; Vault), &amp; CPP-764 (SFE Waste Hold Tank Vault). In accordance with the Court Order of 12/22/93, the basins were emptied of all SNF on May 18, 2000. This portion of CPP-603 is undergoing preparatory activities for D&amp;D. As part of the deactivation, the overflow pit is to be drained, sludge removed, lines capped and filled to ensure complete isolation of the wet basin. This activity is to be completed by end of FY04. The CPP-603 facility is currently under RCRA closure and basin sludge has been determined to be hazardous. There are options to transfer the facility closure and D&amp;D under CERCLA, if deemed cost-effective and appropriate. The final D&amp;D activities for the entire CPP-603 facility will not be initiated until completion of the dry side mission.</del>
CPP-603A (cont)													<del>Dispositioning the CPP-603A basins requires safety document revisions, utilities isolation, rerouting of utilities and significant upfront planning to preclude mission disruptions to the CPP-603B (dry side). The characterization analysis of the basin side indicates that there are no surprises and the area is below MCL limits.</del>
CPP-640	Headend Process Plant	13000	5	3	1961	Reinforced Concrete Structure: Includes three Cooling - DX Air conditioners, two 1 ton cranes, two 3 ton cranes, two 1/2 ton cranes, three 1/4 ton cranes, one 30 ton crane, one 1.5 ton crane, one overhead door - 14 ft. wide by 22 ft. high, fire suppression system - wet pipe - 13,000 sq. ft., one steam heat air handling unit.	Nuclear Chemical Process Facility: Originally used for headend processing. Currently awaiting D&D.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	HAD-182	Less than Haz. Cat 3. At 1/31/05, CPP-640 will be deactivated, i.e., process and subprocess systems have been flushed, isolated, and blanked. Hazardous material will have been removed, i.e., glycol, oils, asbestos, high radiation and facility is ready for active demolition. Characterization will be complete including sub level floors.
CPP-648	Sludge Tank Control House	620	1	0	1973	Prefabricated/modular Structure: Includes two Electric Heaters - 5 KW, one steam unit heater. Storage vessel - 25000 gal., storage basin - 53 ft. long by 21 ft. wide by 9.16 ft. deep.	Service Building: Facility houses the sludge tank control functions associated with CPP-603.	No	Yes	Cs, Sr, U, Pu	> 1000D/M	IAG-44 for INTEC Underwater fuel receiving & storage facility (part of CPP-603 operations) - SAR/TSR-116 (TL)	Less than Haz. Cat. 3

Exhibit C.8 -- Radioactive Waste Management Complex Operational Facilities List

Building Number	Building Name	Area (sq ft)	Number of Floors	Number Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Radiological Contamination				Related Documents	Comments
								Occupied	Contaminated	Type	Level		
WMF-601	Radcon Field Office	3280	4		0 1976	Prefabricated/modular Fire Suppression System—Wet pipe system and Dry Chemical extinguishers. Heat—Electric (2)—27 Kw., HUD-EHTR-0101—located on the outside on the roof—used as the primary hood supply air duct heater. HUD-EHTR-0102—located on the outside on the roof—used as the secondary hood supply air duct heater. Heat—Electric—27 Kw. High Bay (1)—40 ft long, 20 ft wide, Mezzanine, 39'-4" x 38'-6"—Used for Radcon storage—Instrument shop—Restrooms.	Office Lab, Calibration (Env. Cont./Spec. Shielding)—384 sqft Food Service—590 sqft—Lunch Room Storage—Haz/Chem—1860 sqft Service—272 sqft—Womens Locker Room Service—254 sqft—Mens Locker Room	Yes	No			SAR-4, Safety Analysis Document for the RWMC	Hazard Category 2 per LST-268--
WMF-603	Pumphouse	1387	4		0 1977	Prefabricated/modular Fire Suppression System—Wet pipe system and Dry Chemical extinguisher. Heat—Electric (4)—20.6 Kw., HV-EHTR-0301 is located in the Northwest corner—7.5 Kw. HV-EHTR-0302 is located in the entry way—3 Kw., HV-EHTR-0303 is located in the standby generator room—Southwest corner—7.5 Kw., HV-EHTR-0304 is located in the storage room—2.6 Kw., Propane powered generator, S-GEN-0301, 175 Kw. Standby, 480 V, 60 Hz @1800 rpm (Backup power for Fire Water Pump & Domestic Water Pumps), Domestic (Potable) Water Pumps (A, PW-P-0302—30 hp Motor, 250-gpm & B, PW-P-0303 30 hp Motor, 250-gpm pump), Electric Fire Water Pump FW-P-0301, 1500-gpm. Deep Well Pump (PW-P-0301)—WMF-603 is attached to WMF-709 Water Storage Tank #1. Pit/Trench/Sump (1)—1 ft long, 1 ft wide, 1 ft deep sump.	Other Service Buildings Building Service Space—1387 sqft—Potable and Fire Water Pump House	No	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-604	Change House & Lunch Room	1083	4		0 1977	Prefabricated/modular Cooling—DX (1)—Located on the East wall Fire Suppression System—Wet pipe system and Dry Chemical extinguisher. Heat—Electric (4)—24.4 Kw., HV-EHTR-0401 is located in the North wall—9.2 Kw., HV-EHTR-0402 is located in the North wall—9.2 Kw., HV-EHTR-0401 is located in the Mens restroom, South wall—3 Kw., HV-EHTR-0401 is located in the Mens restroom, North wall—3 Kw. Locker/Change Room (1)—275 sq ft.	Change Houses Food Service—640 sqft Building Service Space—195 sqft—Janitors Closet & Hall Building Service Space—313 sqft—Mens Changing Room Building Service Space—124 sqft—Mens Restroom	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-605	Wellhouse-67	86			1979	Wood frame, metal siding, asphalt roofing.	Wellhouse for USGS Monitoring well # 67-	No	No			N/A	
WMF-609	Heavy Equipment Storage Shed	11166	4		0 1979	Prefabricated/modular Door—Overhead (2)—14 ft wide, 16 ft high, South End—Nine (9) open bays, North End. Fire Suppression System—Dry Pipe system and Dry Chemical extinguishers. Heat—Electric (5)—50 Kw., HV-EHTR-0901 is located in the Northwest corner of shop—15 Kw., HV-EHTR-0902 is located in the West wall of shop—15 Kw., HV-EHTR-0903 is located in the Northeast corner of shop—10 Kw., HV-EHTR-0901 is located in the Southeast corner of shop—10 Kw., HV-EHTR-0901 is located in the FWR room—Baseboard heater Air compressor in garage area.	Shed Storage and Potential Storage Area for LLW. Vehicle/Equipment Repair—2092 sqft Service—9075 sqft—Heavy Equipment Storage	No	No			SAR-4, Safety Analysis Document for the RWMC	Hazard Category 2 per LST-268.
WMF-611	Operations Support Facility	400	1		0 1982	Prefabricated/modular Cooling—DX (1), Heat pump HV-FHP-1101—12.0 lb charge. Fire Suppression System—Dry Chemical extinguisher. Heat—Electric (1), Heater located at the ceiling in the Northeast corner	Office—400 sqft	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-610	Communications Building	400	4		0 1980	Prefabricated/modular Control/Communication Center—400 sq ft. Cooling—DX (1), HV-FHP-1901—Electric Heat Pump. See drawing 171614. Fire Suppression System—Wet pipe system and Dry Chemical extinguisher. Heat—Electric (1)—5 Kw., Heater HV-EHTR-1901 is located in the Southeast corner. See drawing 446735.	Communications/Control Centers Service—400 sqft—Communications Building	No	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-620	Work Control Center Trailer	1456	4		0 1988	Trailer Cooling—DX (2)—HV-AHU-2001 (is combined with 10 Kw heater), HV-AHU-2002 (is combined with 10 Kw heater) Fire Suppression System—Wet pipe system and Dry Chemical extinguishers. Heat—Electric—20 Kw., See air handling units HV-AHU-2001 & 2002.	Office	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-621	Work Control Support Trailer	1456	4		0 1988	Trailer Cooling—DX (2)—HV-AHU-2101 (is integrated with a 10 Kw heater), HV-AHU-2102 (is integrated with a 10 Kw heater) Fire Suppression System—Wet pipe system and Dry Chemical extinguishers. Heat—Electric (2)—10 Kw., HV-AHU-2101 & HV-AHU-2102	Office	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	
WMF-622	Office Annex Trailer	1456	1		0 1985	Trailer Cooling—DX, Heating, ventilation and air conditioning unit—wall mounted (integrated with a 20 Kw heater) Fire Suppression System—Wet pipe system and Dry Chemical extinguishers. Heat—Electric (2)—20.5 Kw., HV-EHTR-2201—5 Kw. HV-AHU-2201—20 Kw	Office	Yes	No			HAD-2, Hazard Assessment Document for the RWMC	

Exhibit C.8 -- Radioactive Waste Management Complex Operational Facilities List

WMF-628	Type II Storage Module #1	28800	4	0 1993	Prefabricated/modular Door - Overhead (2) - 24 ft wide, 16 ft high. Fire Suppression System - Dry pipe system and Dry Chemical extinguishers.	Nuclear Contaminated Storage	No	No		Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268
WMF-637	Operations Control Building	24093	4	0 1995	Steel Framed Heat - Electric (19) - HV-EHTR-3701 Located in room 116 - HV-EHTR-3702 Located in room 116 - HV-EHTR-3703 - HV-EHTR-3704 Located at the East entrance in room 100 - HV-EHTR-3705 Located at the East entrance in room 100 - HV-EHTR-3706 Located in the security room 102 - HV-EHTR-3707 Located in the security room 102 - HV-UHTR-3701 Located in the Boiler Room - HV-UHTR-3702 Located in the Mechanical room - HV-UHTR-3703 Located in the Mechanical room - HV-UHTR-3704 Located in the Mechanical room - HV-UHTR-3705 Located in the Mechanical room - HV1-EHTR-3701 - HV2-EHTR-3701 - HV3-UHTR-3701 Located at the in Boiler room near the East wall - HV3-UHTR-3702 Located at the in Boiler room near the East wall - HV3-UHTR-3703 Located in the Electrical room at the Ceiling - HV3-UHTR-3704 Located in the Mechanical room above - HV1-AHU-3701 - HV3-UHTR-3705 Located in the Mechanical room Locker/Change Room (2) - 105 lockers, 895 sq ft - Lockers - 30 Women & 75 Men Area - 191 Women & 704 Men - Uninterruptable Power Supply U-UPS-3701 Located in the Mechanical room near the East Wall - Lunch Room - Conference/E-G-C room - 1600 sq ft -	Office - 8567 sqft Auditorium/Conference - 1766 sqft Food Service - 1148 sqft Security - 4323 sqft Service - 8310 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-637 (continued)					Video Projection System located in the lunch room, #1110 (North East corner of WMF-637) - Cooling - DX (1) - HV3-HV3-000 Cooling - DX - HV2-HV2-0000 Cooling - DX (1) - 130.6 Btu/hr - HV2-AHU-3702 (This unit is for the Conference/Emergency Command Post Area) Fire Suppression System - Wet pipe system and Dry Chemical extinguishers. Heat - Steam (2) - 2088000 Btu/hr - HV3-BLR-3701 Located in the Boiler room facing North exit - HV3-BLR-3702 Located in the Boiler room near East Wall - Cooling - DX (1) - 460.3 Btu/hr - HV1-AHU-3701 - Cooling - DX (1) - HV1-HV1-0000						
WMF-639	Firewater Pumphouse #2	1787	1	0 1995	Prefabricated/modular Door - Overhead (1) - 10 ft wide, 10 ft high - Insulated. Fire Suppression System - Wet pipe system and Dry Chemical extinguisher. Heat - Electric (3) - 30 Kw - HV-EHTR-3901 Located in the Southwest corner - 10 Kw - HV-EHTR-3902 Located in the Northwest corner - 10 Kw - HV-EHTR-3903 Located in the Southeast corner - 10 Kw Fire Water Pump - FW-P-3902 (Diesel - 2000 gpm) - Fire Water Pump - FW-P-3901 (2000 gpm @ 1780 rpm) - WMF-639 is attached to WMF-727 Fire Water Tank.	Other Service Buildings	No	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-641	Vapor Vacuum Extract Monitoring Well	46	4	0 1990	Prefabricated/modular Exhaust (1) - 100 cfm. Heat - Electric (1) - 15 KW - Space Heater.	Other Service Buildings Service - 16 sqft	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-642	Vapor Vacuum Extraction Monitoring Well	46	4	0 1990	Prefabricated/modular Exhaust (1) - 100 cfm. Heat - Electric (1) - 15 KW - Space Heater.	Other Service Buildings Service - 16 sqft	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-643	Vapor Vacuum Extract Monitoring Well	46	4	0 1990	Wood Frame, Siding, Asphalt Roof Exhaust (1) - 100 cfm. Heat - Electric (1) - 15 KW - Space Heater.	Other Service Buildings Service - 16 sqft	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-645	Construction Support Trailer	4549	4	0 1994	Trailer Cooling - DX (2) - HVAC unit HV-AHU-4501 Located on the South, HVAC unit HV-AHU-4502 Located on the North Fire Suppression System - Wet pipe system and Dry Chemical extinguisher.	Office - 1549 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-646	Field Support Trailer	4549	4	0 1991	Trailer Cooling - DX (2) - HVAC unit HV-AHU-4601 Located on the North, HVAC unit HV-AHU-4602 Located on the South Fire Suppression System - Wet pipe system and Dry Chemical extinguishers.	Office - 1549 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-648	Intermediate Level Transuranic Storage Facility Trailer	220	1	0 1993	Trailer Cooling - DX (1) - Portable Unit - HV-ACU-4801	Other Service Buildings Service - 220 sqft	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-649	Vapor Vacuum Extraction Monitoring Well #9304	46	4	0 1993	Wood Frame, Siding, Asphalt Roof Exhaust (1) - 100 cfm.	Other Service Buildings Service - 16 sqft	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	

WMF-650	Vapor Vacuum-Extraction Monitoring Well #9302	46	1	0	1993	Wood Frame, Siding, Asphalt Roof. Exhaust (1) — 100 cfm.	Other Service Buildings Service — 16 sqft	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	
WMF-653	Office Annex #2, Trailer	1454	1	0	1993	Trailer Cooling — DX (1) — HVAC unit HV-AHU-5301 Fire Suppression System — Wet pipe system and Dry Chemical extinguishers.	Office — 1454 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-655	Material Handling Facility	5483	1	0	1995	Prefabricated/modular Door — Overhead (3) — 12 ft wide, 10 ft high. Fire Suppression System — Wet pipe system in heated area, dry pipe system in unheated area, and Dry Chemical extinguishers throughout. Heat — Electric (4) — HV-UHTR-5501 Located near Ceiling in the Small Stock area. HV-UHTR-5502 Located near Ceiling in the Small Stock area. HV-UHTR-5503 Located near Ceiling in the Small Stock area. HV-UHTR-5504 Located near Ceiling in the Small Stock area. High Bay — 53 ft long, 16 ft wide. Paved Area (2) — 256 sq ft.	General Storage Storage, Warehouse — 4639 sqft Service — 841 sqft — Highway	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-656	Maintenance Facility	5000	1	0	1995	Prefabricated/modular Cooling — DX (1) — HV-AHU-5601 Located in the Mechanical room. Door — Overhead (1) — 12 ft wide, 10 ft high. Fire Suppression System — Wet pipe system and Dry Chemical extinguishers. Dust Collection System for Carpentry Shop. Sign Shop. Carpentry Shop — 807 sqft Paved Area (1) — 2368 sq ft.	Maintenance Shops, General Manufacturing/Fabrication/Assembly — 5000 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-657	Construction Field Support Trailer	1568	1	0	1960	Trailer Cooling — DX (2) — HV-AHU-5701 (Heater internal to unit), HV-AHU-5701 (Heater internal to unit) Fire Suppression System — Wet pipe system and Dry Chemical extinguisher. Heat — Electric (2) — 20 Kw, HV-AHU-5701 Located outside on West wall — 10 Kw, HV-AHU-5702 Located outside on West Wall — 10 Kw.	Office — 1568 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-658	RWMC Office Building	4560	1	0	1995	Prefabricated/modular Cooling — DX (2) — 1200000 Btu/hr — HVAC Unit HV-ACU-5801 Located on the Outside on the Northwest Side, HVAC Unit HV-ACU-5802 Located on the Outside on the Northwest Side. Fire Suppression System — Wet pipe system and Dry Chemical extinguishers. Heat — Electric (3) — 20 Kw, HV-ACU-5802 Located on the Outside Northwest — 10 Kw, HV-ACU-5802 Located on the Outside Northwest — 10 Kw, HV-HTR-5801 Located on floor, near floor in Mechanical room. Conference room — 259 sq. ft. Digital dubbing Station	Office — 4560 sqft	Yes	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-661	Hazardous Material Storage	428	1	0	1996	Steel Framed	Hazardous/Flammable Storage	No	No		HAD-2, Hazard Assessment Document for the RWMC	
WMF-671	Weather Enclosure Structure (WES) for the GEM Project	8800	1	0	2003	The WES consists of a prefabricated steel frame with a membrane cover consisting of a polyvinylchloride (PVC) impregnated Preconstraint textile. Fire Suppression System - Dry pipe system and Dry Chemical extinguishers.	Nuclear Waste Processing and/or Handling Building	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268. Located within the WES are the Retrieval Confinement Structure, three Packaging Glovebox Systems, and process specific support equipment (e.g. fire water pump, ventilation systems, misting system, etc). Additional mobile trailers (un-numbered) are located near the WES for support of the GEM Project. These facilities include a mobile trailer to support radiological personnel and equipment and mobile assay trailer.
WMF-680	Mobile Office trailer/break area	720 square feet	1	0	UNK	Mobile office trailer installed to support the construction of the GEM facilities. Fire Suppression System — Fire extinguishers.	Office space	No	No		N/A	WMF-680 is located on the north side of the RWMC, outside of the RWMC fence line.
WMF-681	Mobile Office trailer	720 square feet	1	0	UNK	Mobile office trailer installed to support the construction of the GEM facilities. Fire Suppression System — Fire extinguishers.	Office space	Yes	No		N/A	WMF-681 is located on the north side of the RWMC, outside of the RWMC fence line. Note: A smaller mobile trailer (un-numbered) is installed to the East of WMF-681. This trailer housed the security access personnel during the GEM construction period.
WMF-682	Security Mobile Office Trailer	128 square feet	1	0	UNK	Modular office trailer	No current use. See comments.	No	No		N/A	WMF-682 is located on the north side of the RWMC. This trailer housed the security access personnel during the GEM construction period.
WMF-700	Subsurface Disposal Area	33,750,000	N/A	N/A	1954	Various unlined dirt excavations referred to as "pits and trenches."	Historical Waste Disposal/Active LLW Disposal Facility	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268.
WMF-702	Liquid Corrosive Chemical Disposal	10,584 cubic feet	N/A	N/A	1957	Below grade structure, shutdown pending D&D.	Known as "Acid Pit" within the SDA	No	No		SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	

Exhibit C.8 -- Radioactive Waste Management Complex Operational Facilities List

WMF-704	Timber Bridge Over Drain Ditch	144 feet	N/A	N/A	1970	Wood	Access point for crossing drainage ditch between RWMC Operations area and TSA.	No				N/A	
<del>WMF-708</del>	<del>Sump Pit</del>	<del>10,946</del>	<del>N/A</del>	<del>N/A</del>	<del>1972</del>	<del>Concrete structure.</del>	<del>Captures runoff from Pit 9 area and pumps runoff to drainage ditch.</del>	<del>No</del>					
<del>WMF-709</del>	<del>Potable Water Storage Tank #1</del>	<del>250,000-gallons</del>	<del>N/A</del>	<del>N/A</del>	<del>1974</del>	<del>Insulated, carbon steel tank.</del>	<del>Provides potable water to RWMC and AMWTP.</del>	<del>No</del>				<del>HAD-2, Hazard Assessment Document for the RWMC</del>	
WMF-710	Concrete Bridge	36 feet	N/A	N/A	1983	Concrete	Main access point for crossing drainage ditch between RWMC Operations area and TSA.	No				N/A	
WMF-711	Former Air Support Building	22,500 sq. ft.	N/A	N/A	1981	Concrete Block Foundation and asphalt pad	D&D partially completed.	No	No			N/A	Facility underwent RCRA Closure and air support structure removed. Utilities disconnected at facility boundary.
WMF-714	Intermediate Level Transuranic Storage Facility (ILTSF) Pad 1	247,808 cubic feet	N/A	N/A	1977	Below grade, 12" to 24" steel vaults with concrete shield plugs. Asphalt pad.	Interim storage of remote handled TRU waste	No	No.			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268.
WMF-716	Helicopter Landing Pad	278 square yards	N/A	N/A	1983	Asphalt pad.	As name implies.	No				N/A	Inactive
WMF-720	Intermediate Level Transuranic Storage Facility (ILTSF) Pad 2	247,808 cubic feet	N/A	N/A	1984	Below grade, 12" to 24" steel vaults with concrete shield plugs. Asphalt pad.	Formerly used as interim storage for remote handled TRU waste. Clean closed under RCRA.	No	No.			SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268. The Pad 2 ILTSF vaults are empty. The Pad 2 RCRA Permitted Vaults have been RCRA closed.
WMF-726	Adams Boulevard Bridge	Not Listed	N/A	N/A	UNK	Concrete	Bridge over drainage ditch on main access road to south gate.	No				N/A	
<del>WMF-727</del>	<del>Fire Water Tank</del>	<del>250,000-gallons</del>	<del>N/A</del>	<del>N/A</del>	<del>1994</del>	<del>Carbon steel tank</del>	<del>Serves all firewater systems at RWMC and AMWTP.</del>	<del>No</del>				<del>HAD-2, Hazard Assessment Document for the RWMC</del>	
WMF-730	RHLLW Concrete Lined Disposal Vaults	Not Listed	N/A	N/A	1994, 2003	Precast reinforced concrete. Built on grade of pit bottom and earthen bermed.	Disposal vaults for remote-handled LLW.	No				SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC	Hazard Category 2 per LST-268.
WMF-731	RWMC Sewage Lagoon	Not Listed	N/A	N/A	UNK	Four separate ponds designed to accept up to 2.7 M gallons per year.	Serves all RWMC and AMWTP facilities.	No				N/A	
<del>WMF-732</del>	<del>Propane Tank North of WMF-637</del>	<del>12,000-gal</del>	<del>N/A</del>	<del>N/A</del>	<del>1987</del>	<del>Carbon steel tank</del>	<del>Propane fuels heaters in WMF-637</del>	<del>No</del>				<del>HAD-2, Hazard Assessment Document for the RWMC</del>	
WMF-733	Drum Inspection Station	100 square feet	N/A	N/A	UNK	Small wooden frame building.	No current use.	No				N/A	This is an inactive facility that has been relocated to an outdoor storage area located to the northwest of the RWMC. Approximate size is 10-ft X 10-ft.
WMF-736	Cold Test Pit-South (CTP-S)	Not Listed	N/A	N/A	UNK	The CTP-S is plot of ground that has been excavated several times for various tests with surrogate waste. Collapseable and moveable structure (yurt) is currently located over the excavated area, outside the southern fenceline.	Experimental and mock-up facility for environmental restoration activities.	No				N/A	The CTP-S area is regularly used by Environmental Restoration Program for demonstration, training, and testing of various physical activities or operations that may be implemented in the SDA. The CTP-S consists of office trailers, process enclosures, and storage containers.
<del>WMF-737</del>	<del>Gasoline Tank</del>	<del>270-gallons</del>	<del>N/A</del>	<del>N/A</del>	<del>UNK</del>	<del>Concrete</del>	<del>Gasoline used for RWMC operations vehicles. Located in operations area.</del>	<del>No</del>				<del>HAD-2, Hazard Assessment Document for the RWMC</del>	
<del>WMF-738</del>	<del>Propane Tank</del>	<del>500-gal</del>	<del>N/A</del>	<del>N/A</del>	<del>UNK</del>	<del>Carbon steel tank</del>	<del>Propane feeds emergency diesel generator in WMF-603. Located in operations area.</del>	<del>No</del>				<del>HAD-2, Hazard Assessment Document for the RWMC</del>	
<del>WMF-739</del>	<del>USGS Monitoring Well # 88</del>		<del>N/A</del>	<del>N/A</del>	<del>N/A</del>	<del>No structure built over wellhead.</del>	<del>Well is located near CTP-S along road to spreading area.</del>	<del>No</del>				<del>N/A</del>	
<del>WMF-740</del>	<del>USGS Monitoring Well # 89</del>		<del>N/A</del>	<del>N/A</del>	<del>N/A</del>	<del>No structure built over wellhead.</del>	<del>Well is located west of SDA near the wind gap.</del>	<del>No</del>				<del>N/A</del>	
<del>WMF-741</del>	<del>USGS Monitoring Well # 90</del>		<del>N/A</del>	<del>N/A</del>	<del>N/A</del>	<del>No structure built over wellhead.</del>	<del>Well is located approximately 12 feet east of WMF-631. USGS is considering abandoning the well, because the pump is broke and stuck in the well.</del>	<del>No</del>				<del>N/A</del>	
<del>WMF-750</del>	<del>Temporary Fire Riser Building (for GEM-Project)</del>	<del>400-sq-ft.</del>	<del>1</del>	<del>0</del>	<del>2002</del>	<del>Prefabricated metal</del>	<del>As name implies.</del>	<del>No</del>				<del>SAR-4, Safety Analysis Document for the RWMC and TSR-10, Technical Safety Requirements for the RWMC</del>	
B25-601	SDA Engineered Test Facility	2,112	1	N/A	UNK	Concrete - Built on grade, but bermed on three sides.	Environmental R&D Test Buildings, with plots to test moisture/contaminant movement. Instrumentation installed in several locations.	No				N/A	

Exhibit C.10a TRA Facilities - Demolition

Building Number	Building Name	Area (sq ft)	Number of Floors	Number Below Grade	Year Built	Facility Construction/Characteristics	Facility Usage/Capabilities	Occupied	Contaminated	Type	Level	Related Documents	Comments
TRA-604 (MTR)	MTR Building - Wing A (Laboratory)	41,744	2	1	1952	Masonry exterior walls. Contains laboratories, radiography caves, offices, radiochemistry equipment, etc. Basement contains electrical transmission equipment (switch gear, etc.)	The building is a chemistry and radiochemistry laboratory building. It houses a number of laboratories and equipment for analytical of chemicals and radioactive elements.	Yes	Yes	bg	Potentially contaminated piping and laboratory systems	ASA-112, HAD-166	This building is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans. Potentially contains piping systems that are part of VCO Appendix B, 5.8.d.
TRA-610 (MTR)	MTR Fan House	3,216	1	0	1952	Masonry exterior walls. Located next to the MTR main stack, the building houses fans for MTR ventilation exhaust.	The building has recently been used for storage of materials and equipment by facility electricians.	No	Yes	bg	Internal blower contamination likely		This building is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans. Conservative source term estimate in late 2001 for TRA-610 and -710 is - Co-60 = 2.76E-3 Ci; Ba-133 = 2.46E-4 Ci; Ag-108m = 2.48E-4 Ci; Sr-90 = 6.67E-4; C-14 = 1.09E-3 Ci; Ni-63 = 2.09E-3; Eu-152 = 5.17E-4; Cs-137 = 2.48E-2 Ci.
TRA-626 (MTR)	Maintenance Storage Building	14,272	2	0	1952	One-room shed. Masonry exterior walls	This shed has been used to store equipment for grounds maintenance (lawn mowers, etc.)	No	No				This building is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans.
TRA-630 (MTR)	Catch Tank Pump House	396	1	0	1996	One-room steel frame building housing pumps and valve equipment for the TRA-730 hot waste catch tanks.	Building in use until catch RCRA closure complete under VCO.	No	Yes		Piping systems are contaminated.		This building is currently in use as part of the 730-catch tanks RCRA closure under the VCO. The contractor shall coordinate with the INL contractor on demolition and utility removal plans.
TRA-635 (MTR)	Material Receiving and Lab Area	22,046	3	0	1952	Masonry exterior walls. High bay building. Contains out-of-service 15-ton bridge crane.	The building has recently been used for general storage and receipt of materials that are shipped into the TRA facility. It houses a recycling center and temporary waste accumulation area. It also houses a radiography cave.	Yes	Probable		Contamination anticipated in below-grade waste piping systems.	ASA-112	This building is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans. Potentially contains piping systems that are part of VCO Appendix B, 5.8.d.
TRA-643	ETR Compressor Building	11,151	1	0	1957	Steel framed with large open floor. Contains most of the original compressor equipment for ETR as it was originally configured.	Out of service. Since it was shut down, available floor space has been used for storage. Houses the equipment that was used to supply large quantities of heated, hydrocarbon-free compressed air to various experiments and other reactor support systems.	No	Yes	bg	Significantly contaminated cubicles in basement. Levels uncertain. 10,000-100,000 dpm/100cm2	ASA-105, HAD-200 and EDF TRA-2000-004	Contamination area is located on a mezzanine, and inside a contaminated hood. Wet pipe fire suppression sprinkler system is active. Original compressor systems largely still in place. See VCO SITE-TANK-005, several tank systems.
TRA-644	ETR Heat Exchanger Bldg	6,793	2	1	1957	Masonry Exterior Walls	Out of service. The primary function of the heat exchanger building was to house the 12 primary coolant-to-secondary coolant heat exchangers and associated piping for ETR. The building is a high radiation area.	No	Yes	Beta-Gamma	2000-50,000 dpm/100cm2	ASA-105, HAD-200 and EDF TRA-2000-004	Some areas within this building have not been surveyed to due confined space and fall protection issues. See VCO SITE-TANK-005 system TRA-012 and 022.
TRA-648	ETR Electrical Building	9,785	1	0	1957	Masonry Exterior Walls. Single open floor. A diesel room in the southwest corner of the building houses one of two Superior diesel generators that supported ETR. The other Superior diesel generator is in building TRA-663 directly to the south and connected to TRA-648.	Contains banks of electrical switch gear for the ETR reactor. Some power has continued to be routed through this gear to support TRA operations even though the ETR reactor has been out of service for several years. The switch gear will be taken out of service during FY 2004.	No	No				See VCO SITE-TANK-005 system TRA-034.
TRA-651	Maintenance Storage Shed	672											
TRA-654 (MTR)	General Lab/High Bay (old ETRC)	2,400	2	0	1959	Masonry exterior walls. High bay area. Contains 10-ton capacity bridge crane.	Since decontamination in the late 90s, the building has been used for physics experiments.	No	Minor, if any			ASA-112	
TRA-655	ETR Air Intake Bldg	246	1	0	1952	Reinforced Concrete. One room vented structure covering the air intake for ETR.	Out of service.	No	Yes	Beta-Gamma	Possible external contamination		There are no survey data available. Only slight contamination is likely.
TRA-657 (MTR)	MTR Plug Storage Building	5,000	1	0	1952	Masonry exterior walls, single open room. The 21 plug storage holes are empty. The plug holes extend 29 feet into a 12-foot high compacted earthen berm.	The building is now used for material and equipment storage and houses a temporary waste accumulation area.	No	Yes	bg	Some contamination inside plug holes anticipated. Labeled as contamination area	ASA-112, HAD-220	Plug holes were defueled, but they were not decontaminated. Therefore, they are still labeled as a contamination area.
TRA-661 (MTR)	Radiochemistry Laboratories	7,760	1	0	1962	Masonry exterior walls. Laboratories throughout.	The building houses radiochemistry laboratories and is still in use.	Yes	Yes		Contaminated laboratory and piping systems probable	ASA-112	This building is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans. Potentially contains piping systems that are part of VCO Appendix B, 5.8.d.
TRA-663	ETR Superior Diesel Building	1,120											
TRA-665 (MTR)	Storage Building	776		0	1962	This single room reinforced concrete building is attached to the MTR building.	It is used to store radioactive sources and material.	No	Minor potential		Minimal potential contamination	ASA-112	
TRA-668 (MTR)	MTR North Wing Extension	3,596	1	0	1956	Masonry exterior walls. Laboratories throughout.	Physics laboratories. Currently in use.				Contaminated laboratory and piping systems probable	ASA-112	This building is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans. Potentially contains piping systems that are part of VCO Appendix B, 5.8.d.
TRA-704	ETR Primary Filter Pit					Concrete vault. Hatch covers require a crane to lift them.	Underground pit houses two filters surrounded with four inches of lead and encased with carbon steel and high density concrete.	Yes	Yes	Beta-Gamma	Cobalt-60 - 8.4 Ci; Barium-137 - 168 Ci; Strontium-90 - 1.29 Ci	ASA-105, HAD-200 and EDF TRA-2000-004	Located in hatched pit to the north of TRA-647. VCO SITE-TANK-005 tank system TRA-033. Tank Database 98TRA00357.
TRA-705	ETR Secondary Filter Pit					Concrete vault housing canister charcoal filters. Hatch covers require a crane to lift them.	Houses two filters, is the same size as the primary pit.	Yes	Yes	Beta-Gamma	Cobalt-60 - 8.4 Ci; Barium-137m - 159.6 Ci; Cesium-137 - 168 Ci; Strontium-90 - 1.29 Ci	ASA-105, HAD-200 and EDF TRA-2000-004	VCO SITE-TANK-005 tank system TRA-033. Tank Database 98TRA00233. Underground pit houses two filters surrounded with four inches of lead and encased with carbon steel and high density concrete.
TRA-706	Delay tanks					There are two cylindrical delay tanks in this pit. The major diameters of the housings are approximately 17 ft and 14 ft. The housings and concrete ends are about 70 ft long. The tops of the tanks are about 8 ft below grade.	These tanks originally provided ETR exhaust delay to allow time for short-lived nuclides to decay before being vented through the stack.	Yes	Yes	Beta-Gamma	Unknown	ASA-105, HAD-200 and EDF TRA-2000-004	VCO SITE-TANK-005 tank system TRA-033. Tank Database 98TRA00231. No measurable external contamination. Internals assumed to be contaminated.
TRA-709 (MTR)	MTR Air Intake (MTR)					Air intake for TRA-603 and -604. 8' X 8' free-standing metal structure. Louvered, screened intakes on all but west side.		No					
TRA-714 (MTR)	MTR Exhaust Stack (MTR)				1952	Concrete, free-standing stack, 350 feet tall, 10 feet in diameter at base.	Stack ventilation exhaust from the MTR reactor complex through TRA-610 to the MTR fan house. It's main current use is to vent the MTR reactor vessel and laboratories (TRA-604)	Yes	Yes		Some contamination probable inside stack		Conservative source term estimate in late 2001 for TRA-610 and -710 is - Co-60 = 2.76E-3 Ci; Ba-133 = 2.46E-4 Ci; Ag-108m = 2.48E-4 Ci; Sr-90 = 6.67E-4; C-14 = 1.09E-3 Ci; Ni-63 = 2.09E-3; Eu-152 = 5.17E-4; Cs-137 = 2.48E-2 Ci. This structure is currently in use by the INL. The contractor shall coordinate with the INL contractor on demolition and utility removal plans.
TRA-730	Hot Waste Catch Tanks												

Exhibit C.10a TRA Facilities - Demolition

TRA-753	ETR exhaust stack				Concrete. This was the main ETR stack. It is currently used only to exhaust ETR building complex ventilation. 250 feet high, 14 feet in diameter at base and 6 feet in diameter at top.		Possible			Mastic lining contains PCBs.
TRA-755	ETR Filter Pit				Pumice block construction. Houses fans that were associated with experimenter's service exhaust Exhausted waste gasses from ETR to main stack.		Yes	Beta-Gamma	Cobalt-60 - 6.9 Ci; Barium-137m - 131.9 Ci; Cesium-137 - 138 Ci; Strontium-90 - 1.06 Ci	ASA-105, HAD-200 and EDF TRA-2000-004 VCO SITE-TANK-005 tank system TRA-033. Tank Database 98TRA00285, 98TRA00286, 98TRA00287. Underground filter pit housings containing the three loop filters enclosed in steel canisters surrounded by high density concrete.
TRA-779 TRA-784 (MTR)	Liquid Nitrogen Tank	Decom Paid	1,200		2000 gal. Contains liquid nitrogen for laboratory - vertical, cylindrical tank. Tank is plumbed into the northeast corner of TRA-657 where laboratory personnel retrieve liquid nitrogen from the tank.		No			The INL has the prerogative to remove the tank for its use at an alternate location prior to its removal by the ICP contractor. If it has not been removed by the time the ICP contractor is ready to demolish the MTR complex then removing the tank remains the responsibility of the ICP contractor.
<p>Note: Since the TRA-710 MTR Exhaust Stack will not be demolished, Contractor is required to re-route the existing exhaust system.</p>										