

***SUMMARY OF THE
PART A FOR HWMA/RCRA UNITS
AT THE
INEEL***

Revision Date: 08/27/2003

INTRODUCTION

This document is intended to provide an easy-to-use summary of information contained in the Hazardous Waste Management Act (HWMA)/Resource Conservation and Recovery Act (RCRA) Part A Permit Applications for the Idaho National Engineering and Environmental Laboratory (INEEL), Volumes 1 and 1a. Additionally, a summary of Part A information that is found in the unit specific HWMA/RCRA Final Partial Part B Permits for the INEEL and in the Idaho Nuclear Technology and Engineering Center (INTEC) Waste Calcining Facility (WCF) HWMA/RCRA Part B Post-Closure Permit Application for the INEEL has been included in this document. The information has been condensed to a single page for each interim status unit, post-closure unit, and permitted treatment, storage, and disposal (TSD) unit at the INEEL. Information on units that do not have interim status and are awaiting a HWMA/RCRA final partial Part B permit has not been included in this document. Additionally, information found in unit specific Permit Modification Requests (PMRs), that have not been approved by the Idaho Department of Environmental Quality (DEQ) is not included in this summary.

The information in this document reflects the most recently approved changes to the HWMA/RCRA Part A Permit Applications, HWMA/RCRA Post-Closure Permit Application, and the unit specific HWMA/RCRA final partial Part B permits for the INEEL.

The most current revision of this document may be found on the INEEL external web page @

<http://www.inel.gov/publicdocuments/>

REVISION LOG

REVISION DATE	SUMMARY OF CHANGES
06/15/99	Complete revision/update of this document due to numerous changes in interim status units at the Idaho National Engineering and Environmental Laboratory (INEEL) since the issuance of the June 1995 revision.
01/31/00	<p>Revised to reflect the following changes:</p> <ul style="list-style-type: none"> • Administrative closure of Multicurie Cell (MCC) container storage unit at the Idaho Nuclear Technology and Engineering Center (INTEC) - approved by the Department of Environmental Quality (DEQ) on 07/20/99 • Closure of Portable Water Treatment Unit (PWTU) at Power Burst Facility (PBF)/Test Area North (TAN) - approved by the DEQ on 07/08/99 • Closure of Waste Calcining Facility (WCF) units at the INTEC • Approval of U134 Environmental Protection Agency (EPA) Hazardous Waste Number (HWN) for the Waste Experimental Reduction Facility (WERF) Incinerator - approved by the DEQ on 12/17/99 • INTEC Tank Farm and CPP-604 Tank Farm Tanks Information clarified • Editorial changes made to reflect the January 2000 revision of the Hazardous Waste Management Act (HWMA)/Resource Conservation and Recovery Act (RCRA) Part A Permit Application for the INEEL, Volume 1, Bechtel BWXT Idaho, LLC (BBWI), Books 1 and 2.
08/01/00	<ul style="list-style-type: none"> • Document reformatted and information added/deleted to reflect Part A Permit information for all HWMA/RCRA interim status and HWMA/RCRA permitted units at the INEEL - including units located at the Argonne National Laboratory-West (ANL-W) Facility • Incorporation of DEQ's approval of a Part A Permit Change Request – Changes to the WERF Waste Stabilization System located at the Waste Reduction Operations Complex (WROC) • Incorporation of information related to newly permitted HWMA/RCRA Units (01/27/00) at the WROC and TAN: Mixed Waste Storage Facility (MWSF), MWSF-Portable Storage Units (PSUs), WERF Waste Storage Building (WWSB), WERF Sizing, WERF Macroencapsulation, and the TAN Hazardous Waste Storage (THWS) • Deletion of information related to interim status units which have undergone closure: Heat Transfer Reactor Experiment-3 (HTRE-3) - approved by DEQ on 01/31/00; Process Experimental Pilot Plant (PREPP) Incinerator and PREPP Waste Stabilization Unit - approved by DEQ on 03/7/00; WERF Waste/Storage Feed Tanks - approved by the DEQ on 05/16/00.

REVISION LOG

REVISION DATE	SUMMARY OF CHANGES
01/10/01	Document revised to incorporate information that was inadvertently omitted regarding the WROC/PBF permitted units: WERF Macroencapsulation Unit, WERF Sizing Unit.
03/29/01	<p>Document revised to incorporate changes that have been approved by the DEQ since the last major revision to this document (8/1/00). Revised information includes:</p> <ul style="list-style-type: none"> • Changes to the INTEC Process Equipment Waste Evaporator (PEWE) Feed Storage and Treatment Tanks - approvals by the DEQ on 08/24/2000 and 11/09/2000. • Closure of Hazardous Chemical Waste Handling and Neutralization Facility (HCWHNF) - approved by the DEQ on 09/18/00. • WROC/PBF - WERF Incinerator Loss of Interim Status - effective date 11/02/00. • Radioactive Waste Management Complex (RWMC) - Closure of the Waste Characterization Facility (WCF) - approved by the DEQ on 09/25/00. Process Design Capacity changes for the RCRA Part B permitted units at the RWMC - approved by the DEQ on 10/23/00. • ANL-W - HWMA/RCRA Part B Partial Permit issued for the Sodium Components Maintenance Shop (SCMS). Interim status issued for the Intermediate Heat Exchanger (IHX), Secondary Sodium Purification System (SSPS). • BNFL Inc. - HWMA/RCRA Part B Permit issued for the Advanced Mixed Waste Treatment Facility [(AMWTF) - Building WMF-676] - issued 07/19/00 and the Advanced Mixed Waste Treatment Project [(AMWTP) - Building WMF-634] - issued 08/7/00.
09/27/01	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (03/29/01). The revised information includes the following:</p> <ul style="list-style-type: none"> • INTEC - Waste Calcining Facility (WCF) Post-Closure Permit Application units [WCF Evaporator, WCF High Efficiency Particulate Air (HEPA) Filter Storage, WCF Tanks Storage] are now identified as a landfill (process code = D80). • RWMC - Transfer of operational control of RWMC interim status units [Transuranic Storage Area (TSA)-1/TSA-R, TSA-2, TSA-Retrieval Enclosure (RE) Retrieval Modification Facility (RMF)] - from Bechtel BWXT Idaho, LLC. (BBWI) to BNFL Inc. - with the effective date of 06/04/01.

REVISION LOG

REVISION DATE	SUMMARY OF CHANGES
02/27/02	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (09/27/01). The revised information includes the following:</p> <ul style="list-style-type: none"> • RWMC - Closure of the Intermediate-Level Transuranic Storage Facility (ILTSF) - Pad 2. Closure of this unit was approved by the DEQ on 11/12/01. Addition of EPA HWNs D027, D030, D037, D043 and addition of T04 “other treatment” process code for the Waste Storage Facility (WSF) • WERF/WROC - Administrative closure of the Macroencapsulation Unit approved by the DEQ on 01/03/02. • AMWTP (BNFL Inc.) - Change of EPA HWNs to reflect the approved Waste Isolation Pilot Plant (WIPP) EPA HWNs and a reduction in process design capacity for WMF-634.
08/20/02	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (02/27/01). The revised information includes the following:</p> <ul style="list-style-type: none"> • INTEC - Information revised to reflect the HWMA/RCRA Storage and Treatment Permit for the INTEC - Debris Treatment Processes, Holdup and Collection Tanks, CPP-659/-1659 Storage, CPP-666 Fluorinel Dissolution Process Cell Container Storage. (Permit stay lifted by the DEQ on 05/15/02). • RWMC - Revised the process codes and the process design capacity for the RWMC WSF. • TAN - Closure of the THWS Facility (TAN-628) - Closure of this unit was approved by the DEQ on 02/20/02 and the permit expired as of 06/01/02. • AMWTP (BNFL Inc.) - Revised the EPA HWN for the Transuranic Storage Area - Pad 1/Pad R, and RMF. Revised EPA HWNs, process design capacities, process codes and estimated annual quantity of waste for the WMF-676 (AMWTF). • ANL-W - Closure of the SSPS - Closure of this unit was received from the DEQ on 02/14/02. Revised process codes and the process design capacity for the Hot Fuel Examination Facility/Transient Reactor Test Facility (HFEF/TREAT). Revised the process design capacity, the EPA HWNs, and the facility name for the Sodium Storage Building [(SSB) previously identified as Building 703]. Revised the process design capacity for the Sodium Process Facility (SPF).

REVISION LOG

REVISION DATE	SUMMARY OF CHANGES
02/27/2003	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (08/20/02). The revised information includes the following:</p> <ul style="list-style-type: none"> • Transfer of operational control of the following RWMC HWMA/RCRA Permitted Units from BBWI to BNFL Inc.: <ul style="list-style-type: none"> - Stored Waste Examination Pilot Plant [(SWEPP)(WMF-610)] - WSF (WMF-629, -630, -631, -632, -633) - Building WMF-635 • Revision of EPA HWNs, process design capacities, and estimated quantities of waste for BNFL Inc. units to reflect the current permitted status of these units at the RWMC. • Revision of process design capacity, estimated annual quantity of waste and process codes for the RWMC WMF-628 facility. • WERF – Closure of the WERF Sizing Unit. Closure of this unit was approved by the DEQ on 09/23/02. • Revision of ANL-W unit information to reflect permitted status of all units at the ANL-W and the addition of tank treatment (T01) capability for 3 ANL-W units.
08/27/2003	<ul style="list-style-type: none"> • Revision of ANL-W unit information to reflect the latest approved PMR by the DEQ (effective date of 06/16/2003). The revised information includes additional EPA HWNs for the SCMS (F001, F002, F005, and U134) and the addition of the Contaminated Equipment Storage Building (CESB) under the SPF/SCMS HWMA/RCRA Storage & Treatment Permit.

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UNIT: Calcined Solids Storage Facility (CSSF)
(Binsets #1 - #7)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 7,114 m³ or 1,879,518.8 gallons total
 Binset # 1 = 221 m³ or 58,388.2 gallons
 Binset # 2 = 918 m³ or 232,535.6 gallons
 Binset # 3 = 1,132 m³ or 299,074.4 gallons
 Binset # 4 = 501 m³ or 132,364.2 gallons
 Binset # 5 = 1,000 m³ or 264,200 gallons
 Binset # 6 = 1,558 m³ or 411,623.6 gallons
 Binset # 7 = 1,784 m³ or 471,332.8 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 1,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-601 WG/WH Cells Storage & Treatment Tanks
 (VES-WG-100, VES-WG-101, VES-WH-100, VES-WH-101)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage
 T01 - Tank Treatment

PROCESS DESIGN CAPACITY: **S02 - 18,000 gallons total**
 VES-WG-100 = 4,500 gallons
 VES-WG-101 = 4,500 gallons
 VES-WH-100 = 4,500 gallons
 VES-WH-101 = 4,500 gallons
T01 - 18,000 gallons/day total
 VES-WG-100 = 4,500 gallons/day
 VES-WG-101 = 4,500 gallons/day
 VES-WH-100 = 4,500 gallons/day
 VES-WH-101 = 4,500 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 5,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-601 Container Storage
(D-Cell)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 160 gallons total
D-Cell Storage Area = 160 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 608 kilograms

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U239 U243-U244 U246-U249 U328 U353 U359

UNIT: CPP-604 Process Equipment Waste Evaporator (PEWE) Condensate Feed/Storage Tanks
(VES-WL-106, VES-WL-107, VES-WL-163)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage
T01 - Tank Treatment

PROCESS DESIGN CAPACITY: **S02 - 15,000 gallons total**
VES-WL-106 = 5,000 gallons
VES-WL-107 = 5,000 gallons
VES-WL-163 = 5,000 gallons
T01 - 15,000 gallons/day total
VES-WL-106 = 5,000 gallons/day
VES-WL-107 = 5,000 gallons/day
VES-WL-163 = 5,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 8,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-604 PEWE Evaporators
(EVAP-WL-129, EVAP-WL-161)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Evaporation

PROCESS DESIGN CAPACITY: T04 - 24,000 gallons/day total
EVAP-WL-129 = 12,000 gallons/day
EVAP-WL-161 = 12,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 8,400 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-604 PEWE Feed/Storage and Treatment Tanks
 (VES-WL-101, VES-WL-102, VES-WL-111, VES-WL-132, VES-WL-133)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage
 T01 - Tank Treatment

PROCESS DESIGN CAPACITY: **S02 - 61,400 gallons total**
 VES-WL-101 = 18,400 gallons
 VES-WL-102 = 18,400 gallons
 VES-WL-111 = 1,500 gallons
 VES-WL-132 = 4,700 gallons
 VES-WL-133 = 18,400 gallons
T01 - 82,000 gallons/day total
 VES-WL-101 = 16,000 gallons/day
 VES-WL-102 = 18,400 gallons/day
 VES-WL-111 = 1,200 gallons/day
 VES-WL-132 = 28,000 gallons/day
 VES-WL-133 = 18,400 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 8,400 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-640 Headend Holdup Storage Tanks

[VES-HW-100, VES-HW-101, VES-HW-102 (formerly known as PP-100, PP-101, PP-102)]

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 1,500 gallons total
 VES-HW-100 = 500 gallons
 VES-HW-101 = 500 gallons
 VES-HW-102 = 500 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 0.25 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: CPP-641 Westside Holdup Storage Tanks
(VES-WL-103, VES-WL-104, VES-WL-105)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 15,000 gallons total
 VES-WL-103 = 5,000 gallons
 VES-WL-104 = 5,000 gallons
 VES-WL-105 = 5,000 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 120 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D005-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: CPP-659 New Waste Calcining Facility (NWCF) Calciner
(VES-NCC-105)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Calcination

PROCESS DESIGN CAPACITY: T04 - 5,200 gallons/day total
VES-NCC-105 = 5,200 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 9,800 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-659 NWCF Evaporator Tank System (ETS)
(EVAP-NCC-150)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Evaporation

PROCESS DESIGN CAPACITY: T04 - 10,000 gallons/day
EVAP-NCC-150 = 10,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 8,081 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-659 NWCF Storage and Treatment Tanks

(VES-NCC-101, VES-NCC-102, VES-NCC-103, VES-NCC-108, VES-NCC-119, VES-NCC-122)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)**WASTE TYPE:** Hazardous and Radioactive Mixed Waste**CURRENT STATUS:** Interim Status**PROCESS CODES:** S02 - Tank Storage
T01 - Tank Treatment**PROCESS DESIGN CAPACITY: S02 - 26,675 gallons total**

VES-NCC-101 = 5,870 gallons

VES-NCC-102 = 4,000 gallons

VES-NCC-103 = 4,000 gallons

VES-NCC-108 = 2,000 gallons

VES-NCC-119 = 6,525 gallons

VES-NCC-122 = 4,280 gallons

T01 - 53,350 gallons/day total

VES-NCC-101 = 11,740 gal/day

VES-NCC-102 = 8,000 gal/day

VES-NCC-103 = 8,000 gal/day

VES-NCC-108 = 4,000 gal/day

VES-NCC-119 = 13,050 gal/day

VES-NCC-122 = 8,560 gal/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 9,800 tons**ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-1617 Radioactive Mixed Waste Staging Facility (RMWSF)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 2,244,156 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 12,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U239 U243-U244 U246-U249 U328 U353 U359

UNIT: CPP-1618 Liquid Effluent Treatment and Disposal (LET&D) Fractionators
(FRAC-WLL-170, FRAC-WLK-171)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Evaporation

PROCESS DESIGN CAPACITY: T04 - 26,400 gallons/day total
 FRAC-WLL-170 = 550 gallons/hr or 13,200 gallons/day
 FRAC-WLK-171 = 550 gallons/hr or 13,200 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,466 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-1618 LET&D Nitric Acid Recycle Storage Tank
(VES-NCR-171)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 22,500 gallons total
VES-NCR-171 = 22,500 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 250 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-1619 Hazardous Chemical and Radioactive Waste Storage Facility (HCRWSF)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 12,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 355 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U239 U243-U244 U246-U249 U328 U353 U359

UNIT: INTEC New Tank Farm (proposed)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 3,500,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002	F001-F003	Not Applicable	P005	U002-U004	U133-U135
D004-D011	F005		P012	U007-U009	U138
D018-D019			P022	U012	U140
D021-D022			P024	U014	U144-U145
D026			P027-P028	U019-U020	U147
D028			P030-P031	U031-U032	U151
D032			P056	U037	U154
D034-D036			P073	U044	U159
D038-D040			P075	U048	U161-U162
			P077	U052	U165
			P098	U055-U057	U169-U171
			P104-P106	U069-U072	U182
			P113	U079-U081	U188
			P116	U083-U084	U190-U191
			P119-P120	U102-U103	U196
				U108	U201
				U112-U113	U204
			U116	U207-U208	
			U118	U210-U211	
			U120	U215	
			U122-U123	U217-U220	
			U125	U225-U228	
			U127-U128	U239	
			U131	U328	

UNIT: CPP-604 Tank Farm Tanks
(VES-WM-100, VES-WM-101, VES-WM-102)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 55,200 gallons total
 VES-WM-100 = 18,400 gallons
 VES-WM-101 = 18,400 gallons
 VES-WM-102 = 18,400 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 84 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: INTEC Tank Farm

(VES-WM-103, VES-WM-104, VES-WM-105, VES-WM-106, VES-WM-180, VES-WM-181, VES-WM-182, VES-WM-183, VES-WM-184, VES-WM-185, VES-WM-186, VES-WM-187, VES-WM-188, VES-WM-189, VES-WM-190)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status (operates under Consent Order)

PROCESS CODES: S02 - Tank Storage

PROCESS DESIGN CAPACITY: S02 - 3,456,000 gallons total
 VES-WM-180 and VES-WM-181 = 318,000 gallons each
 VES-WM-182 through VES-WM-190 = 300,000 gallons each
 VES-WM-103 through VES-WM-106 = 30,000 gallons each

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,116 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-603 Storage Tank
(VES-SFE-106)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 - Tank Storage
T01 - Tank Treatment

PROCESS DESIGN CAPACITY: S02 - 25,000 gallons total
VES-SFE-106 = 25,000 gallons
T01 - 25,000 gallons/day total
VES-SFE-106 = 25,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 350 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D006	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Waste Experimental Reduction Facility (WERF) Drum Feed/Blending
(Building PER-609, Room 111A)

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Drum Feed Blending

PROCESS DESIGN CAPACITY: T04 - 1,000 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 1,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019 F024 F027 F039	K001 K015	P001-P009 P014 P016-P018 P020 P022-P024 P026-P028 P031 P033-P034 P037 P039-P051 P054 P057-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U120 U122-U133 U135-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: WERF Waste Stabilization

[Building PER-609, Room B106 (Drum Tumbler) and Room 109(ROSS Double Planetary Mixer)]

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)**WASTE TYPE:** Hazardous and Radioactive Mixed Waste**CURRENT STATUS:** Interim Status**PROCESS CODES:** T04 - Stabilization**PROCESS DESIGN CAPACITY:** T04 - 2,000 gallons/day total**ESTIMATED ANNUAL QUANTITY OF WASTE:** 2,500 tons**ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019 F024 F027-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: WERF Repackaging
(Building PER-609, Room B102)

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Repackaging

PROCESS DESIGN CAPACITY: T04 - 5,000 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 7,890 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D043	F001-F007	Not Applicable	P004-P005 P012 P018 P022 P024 P027-P031 P048 P050-P051 P056 P059 P073-P075 P077 P082 P087 P098 P102 P104-P106 P113 P115-P116 P119-P121 P123	U001-U004 U007-U009 U012 U014 U018-U020 U022 U024-U025 U027-U032 U037 U041-U045 U047-U048 U050-U052 U055-U057 U060-U061 U063 U066 U069 U070-U073 U076-U081 U083-U084 U088 U098 U101-U103 U105-U109 U111-U113 U116-U120 U122-U123	U125 U127-U131 U133-U135 U138 U140 U144-U145 U147-U148 U151 U154 U159 U161-U162 U165-U166 U169-U171 U182 U185-U188 U190-U191 U196-U197 U201 U204-U211 U213-U220 U223 U225-U228 U238-U240 U246-U248 U328 U353 U359

UNIT: Mixed Waste Storage Facility (MWSF) Repackaging
(Building PER-613, Room 102)

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 - Repackaging

PROCESS DESIGN CAPACITY: T04 - 5,000 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 7,890 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D043	F001-F007	Not Applicable	P004-P005 P012 P018 P022 P024 P027-P031 P048 P050-P051 P056 P059 P073-P075 P077 P082 P087 P098 P102 P104-P106 P113 P115-P116 P119-P121 P123	U001-U004 U007-U009 U012 U014 U018-U020 U022 U024-U025 U027-U032 U037 U041-U045 U047-U048 U050-U052 U055-U057 U060-U061 U063 U066 U069 U070-U073 U076-U081 U083-U084 U088 U098 U101-U103 U105-U109 U111-U113 U116-U120 U122-U123	U125 U127-U131 U133-U135 U138 U140 U144-U145 U147-U148 U151 U154 U159 U161-U162 U165-U166 U169-U171 U182 U185-U188 U190-U191 U196-U197 U201 U204-U211 U213-U220 U223 U225-U228 U238-U240 U246-U248 U328 U353 U359

UNIT: TAN-647 Waste Storage Facility (WSF)

LOCATION: Test Area North (TAN)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 27,500 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 7,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D004-D043	F001-F007 F021-F022 F027-F028 F039	Not Applicable	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U107-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: CPP-633 Waste Calcining Facility (WCF) Evaporator, WCF HEPA Filter Storage, WCF Storage Tanks

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Post-Closure Permit Application: Rev. 0 transmitted to DEQ 08/14/01
 Rev. 1 transmitted to DEQ 02/26/02
 Rev. 2 transmitted to DEQ 09/17/02

PROCESS CODES: D80 - Landfill

PROCESS DESIGN CAPACITY: D80 - 59 cubic yards total

ESTIMATED ANNUAL QUANTITY OF WASTE: 59 cubic yards total

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D005 D007-D011	F001-F002 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF High Efficiency Particulate Air (HEPA) Filter Leaching System
(VES-NCD-141, VES-NCD-142)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (permit stay lifted 05/15/02)

PROCESS CODES: T01 - Tank Treatment

PROCESS DESIGN CAPACITY: T01 - 90 gallons/day total
VES-NCD-141 + VES-NCD-142 = 90 gallons/day total of
HEPA Filter media that may be treated.

ESTIMATED ANNUAL QUANTITY OF WASTE: 22 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002	F001-F003	Not Applicable	P005	U002-U004	U133-U135
D004-D011	F005		P012	U007-U009	U138
D018-D019			P022	U012	U140
D021-D022			P024	U014	U144-U145
D026			P027-P028	U019-U020	U147
D028			P030-P031	U031-U032	U151
D032			P056	U037	U154
D034-D036			P073	U044	U159
D038-D040			P075	U048	U161-U162
			P077	U052	U165
			P098	U055-U057	U169-U171
			P104-P106	U069-U072	U182
			P113	U079-U081	U188
			P116	U083-U084	U190-U191
			P119-P120	U102-U103	U196
				U108	U201
				U112-U113	U204
				U116	U207-U208
				U118	U210-U211
			U120	U215	
			U122-U123	U217-U220	
			U125	U225-U228	
			U127-U128	U239	
			U131	U328	

UNIT: CPP-659 NWCF Debris Storage

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (permit stay lifted 05/15/02)

PROCESS CODES: S01 - Container Storage
S03 - Waste Pile

PROCESS DESIGN CAPACITY: S01- 537,178 gallons total
S03 - 147 cubic meters total

ESTIMATED ANNUAL QUANTITY OF WASTE: 542 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-659 NWCF Permitted Storage and Treatment Tanks
(VES-NCD-123, VES-NCD-129)

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (permit stay lifted 05/15/02)

PROCESS CODES: S02 - Tank Storage
T01 - Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 4,330 gallons total
VES-NCD-123 = 3,800 gallons
VES-NCD-129 = 530 gallons

T01 – 8,660 gallons/day total
VES-NCD-123 = 7,600 gal/day
VES-NCD-129 = 1,060 gal/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131 U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-666 Fluorinel Dissolution Process (FDP) Cell Container Storage

LOCATION: Idaho Nuclear Technology and Engineering Center (INTEC)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (permit stay lifted 05/15/02)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 – 37,300 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 38 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002	F001-F003	Not Applicable	P005	U002-U004	U133-U135
D004-D011	F005		P012	U007-U009	U138
D018-D019			P022	U012	U140
D021-D022			P024	U014	U144-U145
D026			P027-P028	U019-U020	U147
D028			P030-P031	U031-U032	U151
D032			P056	U037	U154
D034-D036			P073	U044	U159
D038-D040			P075	U048	U161-U162
			P077	U052	U165
			P098	U055-U057	U169-U171
			P104-P106	U069-U072	U182
			P113	U079-U081	U188
			P116	U083-U084	U190-U191
			P119-P120	U102-U103	U196
				U108	U201
			U112-U113	U204	
			U116	U207-U208	
			U118	U210-U211	
			U120	U215	
			U122-U123	U217-U220	
			U125	U225-U228	
			U127-U128	U239	
			U131	U328	

UNIT: Mixed Waste Storage Facility (MWSF)
(Building PER-613)

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (January 27, 2000)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 24,000 gallons total
 Room 101 - Ignitable = 2,414 gallons
 Room 101 - Reactive = 55 gallons
 Bay 1 = 19,046 gallons
 Bay 2 = 639 gallons
 Bay 3 = 426 gallons
 Bay 4 = 1,420 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 540 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: MWSF Portable Storage Units (MWSF PSUs)

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (January 27, 2000)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 72,500 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: Waste Experimental Reduction Facility (WERF) Waste Storage Building (WWSB)
(Building PER-623)

LOCATION: Waste Reduction Operations Complex/Power Burst Facility (WROC/PBF)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (January 27, 2000)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 181,026 gallons total
 Room 101, Bays 2 & 3 = 47,144 gallons
 Room 102, Bay 1 = 3,124 gallons
 Room 104, Bays 4 & 5 = 118,104 gallons
 Room 105, Bay 6 = 12,654 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 6,775 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: RWMC Waste Storage Facility - WMF-628

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (November 12, 1995)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 – 2,159,985 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 23,563 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D30 D032 D034-D040 D043	F001-F007 F009 F039	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U003-U004 U138 U007 U140 U009 U144-U145 U012 U147 U014 U151 U019-U020 U159 U032 U162 U037 U165 U044 U169-U171 U048 U182 U052 U188 U069 U190-U191 U079-U081 U196 U083-U084 U201 U102-U103 U204 U108 U207-U208 U116 U210-U211 U118 U215 U120 U217-U220 U122-U123 U225-U228 U127-U128 U239 U131 U328 U133-U135

UNIT: EBR-II Secondary Sodium Drain Tank System (EBR-II SSDTS)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (December 2002)

PROCESS CODES: S02 - Tank Storage
T01 - Tank Treatment

PROCESS DESIGN CAPACITY: S02 - 16,000 gallons total
T01 - 1.5 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 105,300 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: EBR-II Primary Sodium System (EBR-II PSS)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (December 2002)

PROCESS CODES: S01 - Container Storage
 S02 - Tank Storage
 T01 - Tank Treatment

PROCESS DESIGN CAPACITY: S01 - 550 gallons total
 S02 - 90,000 gallons total
 T01 - 1.5 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 8,055 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: EBR-II Intermediate Heat Exchanger (IHX)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (December 2002)

PROCESS CODES: S02 - Tank Storage
T01 - Tank Treatment

PROCESS DESIGN CAPACITY: S02 - 730 gallons total
T01 - 1.5 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 324 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Hot Fuel Examination Facility/Transient Reactor Test Facility (HFEF/TREAT)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (December 1999)

PROCESS CODES: S01 - Container Storage
T04 - Container Treatment

PROCESS DESIGN CAPACITY: S01 - 13,365 gallons total
T04 - 1,336 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 450,000 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(S):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D043	F001-F009 F039	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P077 P098 P104-P106 P113 P116 P119-P120	U003-U004 U007 U009 U012 U014 U019-U020 U032 U037 U044 U048 U052 U069 U079-U081 U083-U084 U102-103 U108 U116 U118 U120 U122-U123 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: Radioactive Scrap and Waste Facility (RSWF)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (January 1994)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 51,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 71,250 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Radioactive Sodium Storage Facility (RSSF)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (January 1994)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 20,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 18,498 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Sodium Storage Building

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (December 1999)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 48,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 388,000 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Sodium Process Facility (SPF)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (January 24, 1997)

PROCESS CODES: S01 - Container Storage
 S02 - Tank Storage
 T01 - Tank Treatment
 T04 - Container Treatment

PROCESS DESIGN CAPACITY: S01 - 8,946 gallons total
 S02 - 11,960 gallons/day total
 T01 - 1,080 gallons/day
 T04 - 240 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,327,329 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Sodium Components Maintenance Shop (SCMS)

LOCATION: Argonne National Laboratory - West (ANL-W)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date - February 2001)

PROCESS CODES: S01 - Container Storage
 S02 - Tank Storage
 T01 - Tank Treatment
 T04 - Other Treatment

PROCESS DESIGN CAPACITY: S01 - 31,020 gallons total
 S02 - 390 gallons/day total
 T01 - 1,187 gallons/day total
 T04 - 744 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 93,351 pounds

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011	F001 F002 F005	Not Applicable	Not Applicable	U134

NOTE: A Permit Modification was approved by the DEQ on 06/12/03 to add the Contaminated Equipment Storage Building (CESB) and EPA Hazardous Waste Numbers to the SPF/SCMS Treatment & Storage Permit.

UNIT: Transuranic Storage Area (TSA) - Pad 1/Pad R (TSA-1/TSA-R)

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status (Transfer effective date - June 4, 2001)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 20,237,720 gallons total

TSA-1/TSA-R = 76,600 m³ or 20,237,720 gallons

NOTE: The capacity for the TSA-1/TSA-R is incorporated in the capacity of TSA-RE RMF.

ESTIMATED ANNUAL QUANTITY OF WASTE: 83,978 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D043	F001-F007 F009 F039	Not Applicable	P005 P012 P015 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U138 U007 U140 U009 U144-U145 U012 U147 U014 U151 U019-U020 U154 U032 U159 U037 U162 U043-U044 U165 U048 U169-U171 U052 U182 U069-U070 U188 U072 U190-U191 U078-U081 U196 U083-U084 U201 U102-U103 U204 U105 U207-U211 U108 U215 U116 U217-U220 U118 U225-U228 U120 U239 U122-U123 U328 U127-U128 U131 U133-U135

UNIT: TSA-2 (earthen covered)

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status (Transfer effective date – June 4, 2001)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 4,440,938 gallons total
 TSA-2 = 16,809 m³ or 4,440,938 gallons

NOTE: The capacity for TSA-2 is incorporated within the capacity of TSA-RE RMF

ESTIMATED ANNUAL QUANTITY OF WASTE: 15,955 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D043	F001-F007 F009 F039	Not Applicable	P005 P012 P015 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007 U009 U012 U014 U019-U020 U032 U037 U043-U044 U048 U052 U069-U070 U072 U078-U081 U083-U084 U102-U103 U105 U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135	U138 U140 U144-U145 U147 U151 U154 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: TSA-Retrieval Enclosure (RE) Retrieval Modification Facility (RMF)

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status (Transfer effective date – June 4, 2001)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 24,678,658 gallons total
 TSA-RE RMF = 93,409m³ or 24,678,658 gallons

NOTE: This unit includes the capacities for the TSA-1/TSA-R and TSA-2 storage units.

ESTIMATED ANNUAL QUANTITY OF WASTE: 6,006 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D043	F001-F007 F009 F039	Not Applicable	P005 P012 P015 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007 U009 U012 U014 U019-U020 U032 U037 U043-U044 U048 U052 U069-U070 U072 U078-U081 U083-U084 U102-U103 U105 U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135	U138 U140 U144-U145 U147 U151 U154 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: Stored Waste Examination Pilot Plant (SWEPP) Storage Area (SSA) - Building WMF-610

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (November 12, 1995)

PROCESS CODES: S01 - Container Storage

PROCESS DESIGN CAPACITY: S01 - 28,380 gallons (108 m³) total

ESTIMATED ANNUAL QUANTITY OF WASTE: 119 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D043	F001-F007 F009	Not Applicable	P015 P120	U002 U019 U037 U043-U044 U052 U070 U072 U078-U079 U105 U122 U133-U134	U151 U154 U159 U196 U209-U210 U220 U226 U228 U239

UNIT: Advanced Mixed Waste Treatment Project (AMWTP) Waste Storage Facility (WSF)

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (November 12, 1995)

PROCESS CODES: S01 - Container Storage
T04 – Other Treatment

PROCESS DESIGN CAPACITY: S01 - 19,179,289 gallons (72,589 m³) as follows:

WMF-634 = 1,231,430 gallons (4,661 m³)
 Each Type II Modules (eight total) = 2,159,985 gallons (8,176 m³)
 One Type I Module) = 667,979 gallons (2,529 m³)

T04 - 6,270 gallons/day (24.1 m³/day) as follows:

WMF-634 = 3,520 gallons/day (13.4 m³/day)
 WMF-615 = 2,750 gallons/day (10.7 m³/day)

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 - 79,914 tons
T04 - 9,696 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D LISTED	F LISTED	K LISTED	P LISTED	U LISTED	
D001-D002 D004-D011 D018-D0043	F001-F007 F009	Not Applicable	P015 P120	U002 U019 U037 U043-U044 U052 U070 U072 U078-U079 U105 U122 U133-U134	U151 U154 U159 U196 U209-U210 U220 U226 U228 U239

UNIT: Advanced Mixed Waste Treatment Project (AMWTP) - Building WMF-676

LOCATION: Radioactive Waste Management Complex (RWMC)

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective date - August 18, 2000)

PROCESS CODES: X02 - Mechanical Processing (Pretreatment - PT), X99 - Supercompaction (SC),
X99 - Special Case Waste (SCW) Treatment

PROCESS DESIGN CAPACITY: X02 = 12,035 gal/day (PT)
X99 = 8,300 gal/day (SC)
X99 = 200 gal/day (SCW Treatment)
S01 = 75,163 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 7,021 metric tons (PT/SC)
6,906 metric tons (SC)
305 metric tons (SCW)
7,772 metric tons (S01)

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D LISTED	F LISTED	K LISTED	P LISTED	U LISTED
D001-D002 D004-D011 D018-D043	F001-F007 F009	Not Applicable	P015 P120	U002 U019 U037 U043-U044 U052 U070 U072 U078-U079 U105 U122 U133-U134 U151 U154 U159 U196 U209-U210 U220 U226 U228 U239