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June 23, 2003

Mr. Thomas Baillieul, Director
U.S. Department of Energy
Columbus Closure Project
1425 Plain City-Georgesville Rd.
West Jefferson, OH 43162

Dear Mr. Baillieul

WEEKLY HIGHLIGHTS (June 14-20, 2003)

I. Operations:

Building JN-1:

Asbestos tile continues to be removed in the Old Operations Areas.

Work Instruction (WI) -1189 that covers removing the Alpha-Gamma Cell utilities and equipment continued. Facilities personnel worked with Battelle Columbus Laboratories Decommissioning Project (BCLDP) personnel to reroute two drain lines from the evaporator room and hot sump.

Staff members were briefed on WI-1197, covering the removal of the evaporator storage tank.

WI-1147 that covers removing the High Energy Cell (HEC) inner barrier glass and window liner was completed this week. The liners were removed from windows 14, 15, and 16; and the lead was removed from the liners and the cavity left by liner removal. The Zone II areas around the HEC at window 16 and the operations area were released.

WI-1129 that covers lead cleanup in the HEC continued this week. The lead inside the cell from the removal of the liners was cleaned up.

WI-1162 covering the HEC vent line stabilization is awaiting the vendor's work procedure prior to issue.

Work continued on WI-1159, Utility Removal in the Controlled Access Area (CAA)/Old Back Dock (OBD), Charpy Cell, and Evaporator Room, this week.

Work was initiated on the removal of the Lampson tubes in the CAA/OBD (WI-1137)

Work continued in the JN-1Pump Room. The contractor continued installation of electric conduits, ductwork, and water tanks and equipment in the lower level. Installation of underground utilities outside the Pump Room began. Construction of Waste Management Room on the upper level of the Pump Room also began.

Building JN-3:

Water is being continually pumped from under the JN-3 basement via the wells and pumps installed in the Pump Room and around the reactor pool.

Building JN-4:

Work on the JN-4 isolation plan continued. Dynalectric began electrical work in the Well House, and US Utilities began installation of new poles. The Project Manager walked the project site with the Bruner Field Project Manager. Sanitary and storm sewer pipe was approved. A kickoff meeting was held with the roadway contractor (Site Performance Management), the schedule was discussed, and the contract was prepared for signature (the purchase order will be issued next week).

Saxton Waste Management:

WI-1198 is still being routed for comment and review. This WI covers transferring the pin to the CAA, removing it from the liner, placing it into a container, and storing it until it is shipped. Progress on designing the support equipment and restructuring the procurement of the shipping option continued.

Initial contact was made with DOE staff in Oak Ridge to discuss the possible use of the DOE owned GE-2000 cask. Follow on discussions will continue next week. Project staff are also working with Oak Ridge National Laboratory staff to assess the ability of the BCLDP to access the General Electric owned GE-2000.

West Jefferson (WJ) External Areas:

Groundwater is being pumped from the wells on the exterior of JN-3

TRU Waste Shipping:

For the 72-B cask inner canister remote welding demonstrations, the vendor (WSI) began design and engineering modifications to its equipment. WSI is awaiting delivery of a canister and grapple unit from the Waste Isolation Pilot Plant (WIPP). WIPP is preparing

these items for shipment to WSI as quickly as possible. WIPP will ship the remaining equipment needed for the mock-up/demonstration to Battelle as it gets the items ready. Issues that need to be addressed for this work were discussed during the fourth weekly conference call between BCLDP and WIPP personnel. Pricing information for items that Battelle will provide for the demonstration and loading is still being received.

Writing continued on WI-1205 that covers the 72-B cask mock-up/demonstration. The first two WIPP draft procedures covering the loading of the 72-B cask, which will be referenced by WI-1205, were received. The procedures from WSI and WIPP (four to eight procedures of 25 to 100 pages each are anticipated) will be incorporated into the WI. The procedures will be provided to WI reviewers in advance so that they have time to complete their reviews.

Discussions continued with WIPP concerning the possibility of receiving two 72-B casks for storing two loaded canisters.

The final selection was made for the location of the TRU staging area. This selection was discussed with the Nuclear Regulatory Commission during their routine inspection. Engineering design of the TRU staging pad was initiated.

Low Level Waste (LLW) Operations:

Thirty-five cubic feet (35 ft^3) of compactible LLW were accepted for packaging. Non-compactible low-level debris from radioactive material areas in JN-1 was packaged into B-25 boxes and intermodal containers, for a total volume of 531 ft^3 for Envirocare of Utah disposal.

Fifty-eight cubic feet (58 ft^3) of mixed LLW (MLLW) lead were packaged into two separate B-12 boxes from the HEC and staged in the JN-1 "Sheep shed" <90-day Resource Conservation and Recovery Act accumulation area. The MLLW is destined for treatment and disposal at Envirocare.

Fourteen cubic feet (14 ft^3) of clean waste were radiologically free-released for municipal disposal.

One Department of Transportation (DOT) empty intermodal container and one DOT empty Sealand container were received from Envirocare for reuse as LLW packaging.

WIDE Technology Deployment:

Technical Assistance met and processed a report for the WIDE operations closure. (WI-984)

II. Environmental Safety and Health Performance:

Safety performance is 269 days and 188,112 exposure hours without a lost time injury accident.

III Facilities and Equipment:

Daily, weekly, and monthly inspections and maintenance for the WJ North facility alarms, instrumentation, building functions, tickler system, and grounds were completed. The old evaporator was turned off. Development of the procedures for the new water processing room continued. Engineering confirmation data were received on the JN-1 HEPA system reroutes to maintain building negative pressure during removal/decontamination of existing contaminated HEPA ducting. Rerouting of the drain and sump of the Alpha-Gamma Room into a holding tank began. Annual DOP test of three vacuums and one portable HEPA was completed. Annual calibration of two magnehelic gages was completed. Staff neared 80% completion of the inventory of government property. Concrete was poured to form the new transformer pad. Staff assisted in DOE site tours.

IV. Program Administration and Control

The Monthly Status Report for May 2003 was submitted to DOE-CCP on June 16, 2003.

V. Future Work Activities:

Attached is the projected work schedule for the coming weeks.

Sincerely,

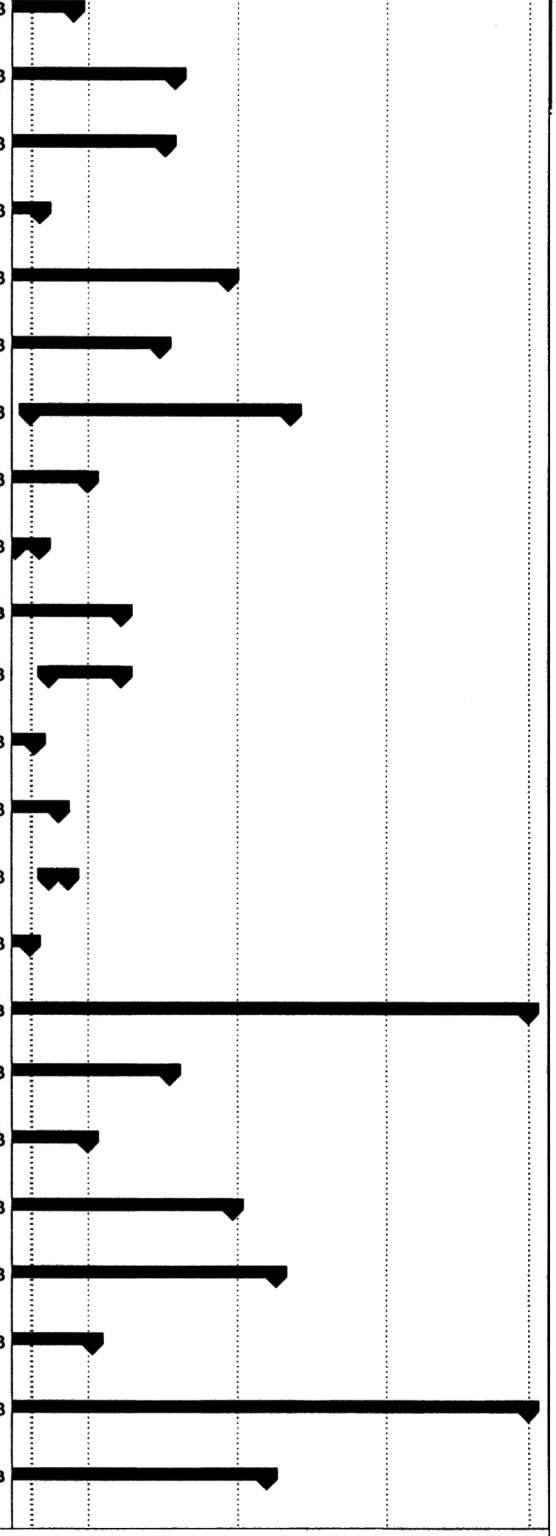
Patrick Weaver, P.E., Manager
Operations

PJW:dew/dmk

SIS/TAR
Summarized Activities within Date Range
6/18/2003 - 7/11/2003

Current Data Date
6/19/03

Task Name	Start	Finish
Priority 1	6/11/02	8/11/03
7C42-B01 Charpy Room Material Removal	3/17/03	6/27/03
7C42-B02: CHARPY ROOM UTILITY REMOVAL/DECON/STABILIZATION	6/11/02	7/18/03
7C45-B03 CAA Utility Removal/Decon/Stabilization	4/10/03	7/16/03
7C45-B04 Evaporator Room Utility Removal	5/19/03	6/20/03
7C45-B06 Design & Install New Water Processing System	5/13/03	7/29/03
7C47-B03: OLD OPERATIONS AREA UTILITY/ASBESTOS/MAIN POWER	4/28/03	7/15/03
7I4-B48: RELOCATE WEST JEFF NORTH UTILITIES	6/19/03	8/11/03
7I4-B57: BUILD JN-4 ACCESS ROAD	3/3/03	6/30/03
NRC Visit	6/16/03	6/20/03
Priority 2	4/28/03	7/7/03
7C43-B01 N-1 Decontamination Operations - Alpha/Gamma Area Utility	6/23/03	7/7/03
7C44-B02 HEC/Cask Washdown Room Utility Removal/Decon/Stabilize	5/30/03	6/19/03
7C47-B03: OLD OPERATIONS AREA UTILITY/ASBESTOS/MAIN POWER	4/28/03	6/24/03
7C47-B15 JN-1 External Building (Office Area) Neshaps Mater	6/23/03	6/26/03
513-A34 WJ S&M Inspection and Maintenance	6/13/03	6/18/03
Priority 3	1/27/03	9/30/03
7C44-B02 HEC/Cask Washdown Room Utility Removal/Decon/Stabilize	4/21/03	7/17/03
7C45-B05: EVAPORATOR ROOM MATERIAL REMOVAL	5/23/03	6/30/03
7E2-B08 Survey and Monitor Mat Surface in Pool	6/3/03	7/30/03
7E4-B05 Remove Underground Drains and Dry Storage Wells	5/5/03	8/8/03
7E4-B28 Remove Reactor Pool Floortop/Decon/Embedded Pipes	5/23/03	7/1/03
7i4-B66 Install Groundwater Wells/Discharge/Testing/Abandon	1/27/03	9/30/03
Priority 4	4/21/03	8/6/03



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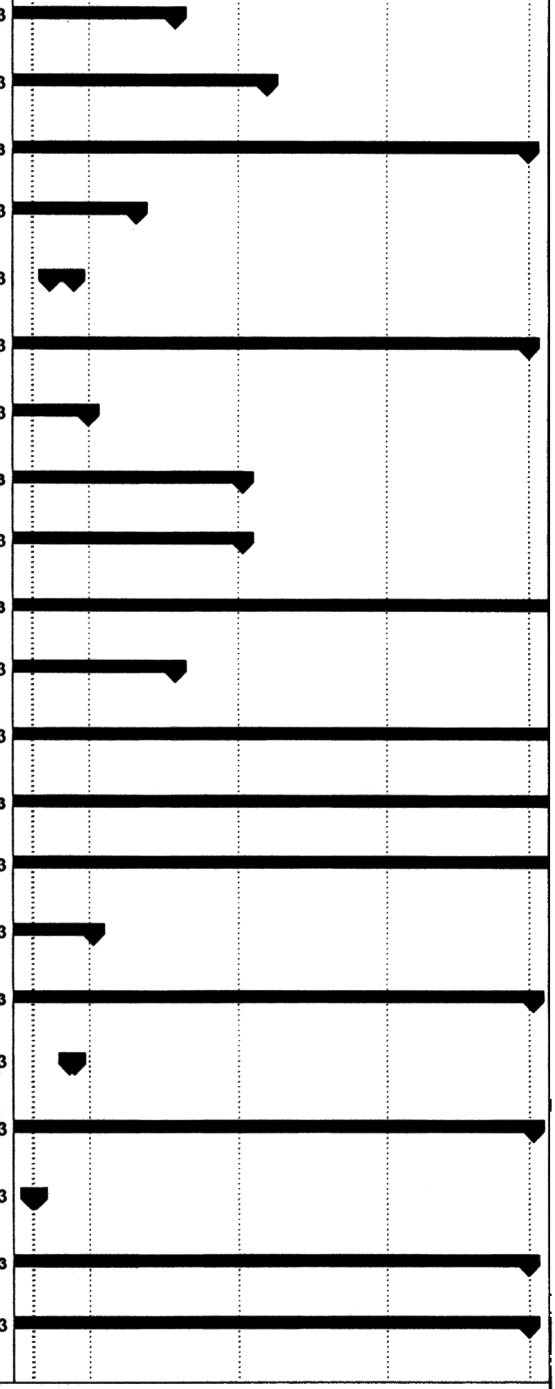
SIS/TAR
Summarized Activities within Date Range
6/18/2003 - 7/11/2003

Current Data Date
6/19/03

Task Name	Start	Finish
001 PU Disposition (UB)	4/21/03	7/25/03
7I4-B29 Remediate JN-1 Dilution Sump	4/28/03	7/18/03
132-B12 : Saxton TRU Waste	4/29/03	8/6/03
Priority 5	10/10/02	9/30/03
7C43-B01 N-1 Decontamination Operations - Alpha/Gamma Area Utility	4/28/03	7/10/03
7C44-B02 HEC/Cask Washdown Room Utility Removal/Decon/Stabilize	6/23/03	6/27/03
7C47-B07: HEC OPERATIONS AREA UTILITY REMOVAL	10/10/02	9/30/03
513-A34 WJ S&M Inspection and Maintenance	5/8/03	6/30/03
Priority 6	4/25/03	8/1/03
132-B13 RH TRU (72B) Waste Staging & Shipment	4/25/03	8/1/03
Priority 7	3/7/03	10/10/03
132-B14 WJ North TRU Waste Staging Area	5/9/03	7/18/03
133-A36: LLW WASTE OPERATIONS	3/7/03	10/10/03
Priority 9	2/13/03	10/6/03
7I4-B07 Deployment & Demobilization of the Wide System	2/13/03	10/6/03
133-A36: LLW WASTE OPERATIONS	6/12/03	7/1/03
Priority 11	3/3/03	10/1/03
133-E36: TRANSPORTATION OF WASTE TO DISPOSAL SITES	6/27/03	6/27/03
787-B36 Laundry / Respirator Support	3/3/03	10/1/03
Training	6/19/03	6/19/03
Priority 12	6/2/03	9/30/03
003 Tech Assistance	6/2/03	9/30/03



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Waste Issue Tracking

Issue: *JN-4 Plutonium Repackaging*

Project Manager: *Parsons*

Task: P-1 **Date Due:** 5/15/2003

HNF acceptance **Date Complete:** 5/15/2003

Date Identified: 4/30/2003

Task Owner: Eide

Subtask	Date Identified	Subtask Owner	Date Due	Status	Date Completed
Box acceptance	4/30/2003	Eide	5/15/2003	Much waste is in boxes rather than drums (due to content's size). Standard waste boxes will be used for packaging regardless of HNF approval, and SWBs will be shipped in 72B casks.	

Task: P-2 **Date Due:** 5/12/2003

Schedule for Pu Repackaging **Date Complete:** 5/8/2003

Date Identified: 4/30/2003

Task Owner: Parsons

Subtask	Date Identified	Subtask Owner	Date Due	Status	Date Completed
Create Schedule	4/30/2003	Parsons	5/12/2003	Can start repackaging in the June/July timeframe at latest to accomplish work by Oct 1.	5/8/2003

Task: P-3 **Date Due:**

Operational Planning **Date Complete:**

Date Identified:

Task Owner: Parsons

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Prepare Work Instruction		Parsons	6/27/2003	WI preparation is dependent upon the decided work location (see P-3.2). WI is currently in the review cycle.	
P-3.2	Prepare work area		Garber	7/14/2003	The work location for repackaging is planned for prior work, and will be prepared to serve as the work area for multiple hot/airborne potential operations.	
P-3.3	Receive SWBs	6/17/2003	Parsons	6/27/2003	SWB = Standard Waste Box.	
P-3.4	Generate data packages	6/17/2003	Parsons	7/31/2003	Data packages to go into TRU records.	

Issue: *Saxton Pin*

Project Manager: *Henderson*

Task: S-1 **Date Due:** 6/13/2003

Obtain use of GE-2000 Cask. **Date Complete:**

Date Identified: 4/18/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Modify GE-2000 CoC	4/18/2003	Weaver	5/28/2003	Modification request sent to NRC by GE on 6/2/03.	6/2/2003
S-1.2	Obtain GE QA Manual	4/29/2003	Pomares (GE)	5/2/2003		5/2/2003
S-1.3	Place GE on ASL	4/29/2003	Welch	5/6/2003	GE QA Manual has been reviewed.	5/6/2003
S-1.4	Complete SRS paperwork	4/29/2003	Maheras	6/13/2003		
S-1.5	Register as a Cask User	4/29/2003	Eide	6/1/2003	R. Pomares will send an example registration letter.	
S-1.6	Prepare RFQ/RFP	5/12/2003	Henderson	5/15/2003	GE estimate received 5/30/03. Forwarded to Battelle Contracting.	6/3/2003
S-1.7	Realign CoC approval process	5/12/2003	DOE		NRC informed us that DOE has the charter to review and approve this CoC.	
S-1.8	Finalize Cask contract	5/12/2003	Weaver		Determine contract mechanism needed to secure cask and pursue it. Exploring ORNL cask as an option. Talk with Battelle Legal/Senior Procurement Officers.	
S-1.9	Obtain GE-2000 SARP	6/17/2003	Weaver	6/23/2003	Give to DOE in support of CoC modification.	

Task: S-2 **Date Due:** 6/5/2003

Mock up - unload pin **Date Complete:** 5/30/2003

Date Identified: 4/18/2003

Task Owner: Henderson

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Fabricate Mock-up Liner	4/18/2003	Garber	4/22/2003	Liner has been received.	
S-2.2	Plan for mock-up of pin removal	4/18/2003	Henderson	4/30/2003	Documentation for a series of WIs to accomplish this is being prepared.	5/8/2003
S-2.3	Perform Mock-up	4/18/2003	Henderson	6/5/2003		5/30/2003

Task: S-3 **Date Due:** 4/21/2003

Schedule for pin effort **Date Complete:** 4/28/2003

Date Identified: 4/18/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
S-3.1	Provide schedule to DOE	4/18/2003	Weaver	4/21/2003	A draft schedule was submitted to DOE.	4/28/2003

Task: S-4 **Date Due:** 5/6/2003

DOE Executive Decisions **Date Complete:** 5/20/2003

Date Identified: 4/30/2003

Task Owner: DOE

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	DOE conference call (NEPA)	4/30/2003	DOE		DOE has decided to ship under CX.	
S-4.2	Notify SRS to receive pin	4/29/2003	Weaver	5/6/2003	DOE-OH sent DOE- SRS request for support.	5/13/2003

Task: S-5 **Date Due:**

Transportation Plan **Date Complete:**

Date Identified: 5/13/2003

Task Owner: Eide

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Determine Security needs	5/13/2003	Eide	5/23/2003	Shipment of pin is not HRC, but any increased security needs must be identified.	
S-5.2	Prepare Plan	5/13/2003	Eide		Oak Ridge plan received as an example. Transmitted to J. Eide 5/30/03.	

Task: S-6 **Date Due:**

Pin repackaging **Date Complete:**

Date Identified: 6/17/2003

Task Owner: Erickson

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
S-6.1	Prepare WI	6/17/2003	Erickson	7/7/2003		

Issue: *TRU Shipment to Hanford*

Project Manager: *Garber*

Task: TH-1 **Date Due:** 5/16/2003

Lift Shipment Prohibition **Date Complete:**

Date Identified: 4/18/2003

Task Owner: DOE-RL

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
TH-1.1	Argue in Federal Court	4/18/2003	DOE-RL	5/2/2003	Judge has decided to maintain injunction. The only current option to ship to Hanford is for DOE to appeal this ruling.	5/9/2003

Task: TH-2 **Date Due:** 5/16/2003

14-day Shipping Notice **Date Complete:**

Date Identified: 5/5/2003

Task Owner: Eide

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
TH-2.1	Initiate shipping notice paperwork	5/16/2003	Eide	9/30/2003	The Judge has upheld the injunction (See item TH-1.1). We are unlikely to ship any TRU to HNF prior to 9/30/03.	

Issue: *TRU Storage On Site*

Project Manager: *Rohrig*

Task: TO-1 **Date Due:** 6/6/2003

Define options **Date Complete:** 6/16/2003

Date Identified: 4/18/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
TO-1.1	Determine Path Forward	4/18/2003	Weaver	5/22/2003	Onsite Storage is our only current option. A number of potential staging sites have been identified.	
TO-1.2	Discuss options with Security/Facilities	5/12/2003	Weaver	5/22/2003	Staging location options must meet approval of both Battelle Security and Facilities. Currently investigating potential sites.	5/22/2003
TO-1.3	NRC schedule impact by option	5/22/2003	Friedman	5/28/2003	Schedule conference call with NRC to discuss. Call rescheduled to 6/9/03.	5/28/2003
TO-1.4	Staging Site Decision	5/30/2003	Weaver	6/12/2003	Date has slipped from 6/6/03. Awaiting management decision before proceeding with licensing and design.	6/16/2003

Task: TO-2 **Date Due:** 6/6/2003

Storage facility design **Date Complete:**

Date Identified: 4/28/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Define design inputs	4/28/2003	Gantos	6/12/2003	Date has slipped from 6/6/03. Awaiting dose modeling data for alternate configurations of final location. Final configuration needs approval.	

TO-2.2	Complete design	4/28/2003	Rohrig	6/12/2003	Date has slipped from 6/6/03. Complete design based on item TO-2.1 and NRC Information Notices. A/E firm is working on initial design.	
TO-2.3	Unify interpretations	4/30/2003	Friedman	5/6/2003	Conference call with NRC, DOE, and BCLDP to define path forward and interpretations.	5/6/2003
TO-2.4	Cost Estimate	4/28/2003	Weaver	5/16/2003		5/16/2003

Task: TO-3 **Date Due:** 6/23/2003

Assure coverage under NEPA **Date Complete:**

Date Identified: 5/6/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
TO-3.1	Review BCLDP EA	5/6/2003	Swartz	5/23/2003	Review of the 2001 Updated EA determined that onsite temporary storage of TRU is covered with respect to NEPA. Awaiting a formal memo attesting to this from Battelle NEPA expert.	
TO-3.2	2nd review of EA	6/17/2003	Weaver	6/23/2003	Addition of this subtask has caused task TO-3 to be re-opened. Second review of the EA is needed to assess coverage for outside handling of TRU waste.	

Task: TO-4 **Date Due:** 5/22/2003

Purchase Shielding units **Date Complete:** 5/27/2003

Date Identified: 5/14/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Submit P.O.s	5/14/2003	Weaver	5/16/2003	Submit to multiple vendors (Dufrane and Duratek). P.O.s Should be flexible enough to allow multiple configurations.	

TO-4.2	Determine appropriate configuration	5/14/2003	Weaver	5/22/2003	5 pc. or 2 pc. Configuration of storage units will be dependent on onsite storage location.	5/22/2003
TO-4.3	Purchase additional units	6/9/2003	Weaver	6/27/2003	Use change order to existing POs for shielding units for CH waste.	
TO-4.4	Prepare for receipt of shielding units	6/17/2003	Rohrig	8/8/2003	Logistical plan for arrival of first shielding units.	

Task: TO-5 **Date Due:** 6/1/2003

NRC Approval **Date Complete:**

Date Identified: 5/6/2003

Task Owner: Allen

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Submit storage plan to NRC	5/6/2003	Allen	6/1/2003	Preparation of plan somewhat dependent upon chosen storage location. Draft Path Forward document circulating for review and comment. Awaiting final decision for staging pad.	

Task: TO-6 **Date Due:** 8/1/2003

72-B Casks **Date Complete:**

Date Identified: 5/12/2003

Task Owner: Weaver

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Cask Demonstrations		Garber	8/1/2003	Must be completed prior to loading waste into 72-B Casks.	
TO-6.2	Obtain 2 72-B Casks from WIPP		Eide	6/27/2003	New scope has reopened this item. Make formal request during Small Quantity Site conference call. Ines Triay approval required.	

Task:	TO-7	**Date Due:**	
	Construct Pad	**Date Complete:**	
Date Identified:	6/17/2003		
Task Owner:	Rohrig		

Subtask	Date Identified	Subtask Owner	Date Due	Status	Date Completed
PO for construction	6/17/2003	Rohrig	6/20/2003		

Issue: *TRU Shipment to WCS*

Project Manager: *Erickson*

Task: TW-1 **Date Due:**

Amend ROD **Date Complete:**

Date Identified: 4/18/2003

Task Owner: DOE-CAO

Subtask		Date Identified	Subtask Owner	Date Due	Status	Date Completed
	Update small quantity site's TRU data to allow ROD update	4/18/2003	DOE-CAO		Amend TRU Programmatic EIS ROD to include interim storage at WCS.	
TW-1.2	DOE OFO contact WIPP	5/14/2003	DOE OFO			
TW-1.3	BMI Offer Assistance	5/14/2003	Eide	5/23/2003	Battelle to offer asistance in amending ROD to Ines Triay. Also Discuss WCS option with Vernon Dobb.	5/22/2003