

RECORD OF CONVERSATION

Conversation took place on: July 25 through July 27, 2005

Type of Conversation (specify): Meeting

Conversation was initiated by: Pete Sanford

Conversation Involved: Gilbert Montoya, Kirt Anderson, Valerie Rhodes

Issues Discussed: Buildings to undergo DD&D and construction in TA-54

Resolution: See attached meeting minutes

RoC prepared by: Milton Gorden

Meetings at LANL, 7/25-7/27

1) Initial Meeting with John Isaacson

- General discussion of expectations of visit and D&D and construction spreadsheets
- Discussed requirements for building D&D area equaling new construction area. John provided me with two memoranda from NNSA discussing the requirements

2) Meeting with Gary Thayer, John Isaacson, and Sue Radzinski on the MRSC construction and D&D data

- Decided to use the “13-building” scenario provided in the February, 2004 presentation because it was “bounding”
- Decided to use 40’ excavation under labs, 10’ excavation under office buildings, and nominal 10’ X15’ excavation for “tunnels”
- Estimated portion of “previously undisturbed area” in the 13-building scenario at 12.6 acres; it consists of “fragmented portions of undisturbed land” scattered throughout the TA-48 area
- Assumed labs would have basements, all construction durations would be two years, and other minor technical discussion
- Reviewed building type assignments for the D&D of all buildings except for TA-18 buildings. Sue Radzinski was to confirm the typing of about 6 large buildings. Jim Sprinkle (sp?) was to review the TA-18 building list and John was to get that information back to me

3) Meeting with John Isaacson, Ron Regor, Mike Madonia (??), and Leonard Trujillo(??) on TA-21

- I reviewed the approach that I had used for the waste estimate – “binning” buildings in types, etc.
- The list of TA-21 buildings was reviewed to assure that the building types were correct
- Mike stated that LANL was re-doing the TA-21 waste estimate, and that the estimate would be going down due to a lowering of the soil anticipated for removal from around the foundations.
- Mike provided the answers to the questions on TA-21
- Mike said that the ventilation for the DP West buildings was turned off, and that there were no current HVAC emissions.
- Mike discussed the interface with ER, and provided some flowcharts describing the interface
- Mike discussed the need to assure that the basis of the waste numbers was consistent between the EIS and his latest waste estimate – he recognized that there would be some differences in assumptions (like % of construction debris recycled – that the SWEIS should assume all as sanitary waste while his estimates should assumed that 90% [45% of the total waste] would be recycled).
- The gas line across the DP mesa will be replaced; it should not be included as an initiating event for D&D accidents.
- Mike provided a number of documents for my copying, and promised a spreadsheet with the new waste estimates and a “funding document without the \$” that could be use to make sure that the TA-21 section text was consistent with the TA-21 project.

4) Phone discussion with Pam French (John Isaacson’s phone)

- Pam discussed the buildings to be D&D’d as the buildings included in the Physics Facilities Strategic Plan. Most of the TA-3 and TA-35 facilities would be expected to be D&D’d; although the decision on whether to reuse the TA-53 facilities had not been made, the SWEIS should assume that they would be D&D’d for “bounding” purposes. *I need to confirm the building types.*
- No additional information was provided about the building type or contamination level of the facilities to be D&D’d except the information in the Physics Facilities Strategic Plan.
- Pam discussed the facilities to be built, suggesting using a four-building scenario. The first would be a 150,000 sq. ft. 50% lab, 50% office building behind a fence with a basement. The second was an “open” lab, and the third and fourth were offices, with a total of 350,000 sq. ft. The buildings would all be three floors, and three of the four would be behind security fencing. Project construction periods would be two years.
- This information is provided in the CSSR Planning Report (*Note – I received a copy from John, but don’t have the software to open the files*).
- The latest project title is “Center for Weapons Physics Research”, (CWPR, or “sweeper”).

5) Phone discussion with Mick Anderson/Randy Parks

- Discussed the IGPP offices; received FY06 TYCSP table on new facilities with 6 buildings including square footage
- Five of the six will be WSW of the Wellness center in TA-3 on “undisturbed land” (??-*this is not clear – Kirk/Sandy’s understanding was that it was previously disturbed land that had been left idle and regrown*)
- The sixth building will go west of the NISC building in a security-controlled area
- The LASO building will anchor this group of buildings but it has not been committed to by DOE. It will be “significantly bigger” than the 15,000 to 17,000 sq. ft. IGPP buildings that must cost less than \$5M.
- There will be no D&D done to support these projects, either to remove buildings to make space available or to get credit for D&D area to meet the “sq. ft. of building D&D’d per sq. ft. of building constructed” rule.
- There will probably be a parking structure involved somehow – this will be discussed in the TA-3 Master Plan (to be provided to me by John Isaacson).

6) Phone discussion with Gilbert Montoya, and Kirt Anderson, and Valerie Rhodes

- Discussed TA-54 buildings to be D&D’d including how types were defined. Gilbert and Val said that they would review the buildings and assure that they were properly designated. Probably no buildings would be more contaminated than a Type C facility.
- There will be no new construction to support the CH TRU legacy activities; it just involves using current buildings.
- The LLW facilities (Access Control, Characterization, and Compactor) will be Steel, Concrete, and Concrete, respectively, with footings and no basements, single floor, with nominal 12 month construction periods
- The TA-54 RH TRU will be a building about 1/3 the size of the DVRS (=13,264/3), concrete, and one floor.
- The TA-50 “post-legacy” TRU will be concrete and 30,000 sq. ft.
- Zone 4 would expand into the Admin area, increasing the fenced area; there is no identified expansion into “pristine” areas.
- The following reports were identified as reports that John would make available:
 - Waste Volumes Forecast, Revision 1 (LA-UR-04-6682) [rcvd]
 - An Evaluation of LANL Post Legacy TRU Waste Management (LA-UR-04-7125)
 - Development of Zone 4, Area G, Technical Area 54 (DIV-REPORT-201) [rcvd]