

# **Status of Activities for Lawrence Berkeley National Laboratory and the Stanford Linear Accelerator Center**

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# Activity on the LBNL Issues

- **Add more background information to the site description section**
  - **Will make this section in the TBD more comparable with what is done for other sites**
  - **Responds to issues 1 and part of 5 and 13**

# Activity on the LBNL Issues—cont.

- **Perform a data adequacy and completeness evaluation on the internal and external dosimetry data**
  - **Demonstrate that the monitoring program in place was adequate for the exposures at the site and that there are no significant amounts of data missing**
  - **Expand on how unmonitored workers are assigned doses and if coworker models are needed**
  - **Results of this analysis will be issued in a white paper**
  - **Responds to item 2, 4, 11, and 12 on the issues matrix – some of it also may tie into issue 1 (relating monitoring activities with operations)**

# Planned TBD Updates

- **Provide additional information to the NIOSH response to issue 3 about Super S uranium and thorium**
  - **Addresses type S classification of the ICRP 66 lung model versus the older ICRP 30 class Y classification**
  - **Responds to issue 3 of the issues matrix**
  - **Will be incorporated into the next TBD revision and the updated issues matrix**

# Planned TBD Updates—cont.

- **Review information in table 6-5 based on the reference suggested in the NIOSH response and historic source term information and update Table 6-5 for all years and all major accelerator operations (Issue 5)**
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# Planned TBD Updates—cont.

- **Revise Table 6-4 in next TBD (Issue 6)**
- **Reference TIBs listed in NIOSH response in next TBD revision (Issue 7)**
  - **DCAS TIB 10, Rev 4: Best Estimate External Dose Reconstruction for Glovebox Workers**
  - **DCAS TIB 13, Rev 1: Selected Geometric Exposure Scenario Considerations for External Dose Reconstruction at Uranium Facilities**
- **Add information on Co-60 irradiator—change guidance for the radionuclide assignment for internal dose from beta contributors (Part of issue 13)**

# Dose Reconstruction Activity for LBNL

## NIOSH OCAS Claims Tracking System

Information available as of February 22, 2012

▪ LBNL claims referred to NIOSH	199
▪ LBNL claims remaining at NIOSH	7
▪ LBNL claims pulled without a completed dose reconstruction	33
▪ Dose reconstructions completed for claims that meet the class definition	159
Cases with a PoC > 50%	34
Cases with a PoC < 50%	125

# Dose Reconstruction Activity for SLAC

## NIOSH OCAS Claims Tracking System

Information available as of February 22, 2012

▪ SLAC claims referred to NIOSH	33
▪ SLAC claims remaining at NIOSH	0
▪ SLAC claims pulled without a completed dose reconstruction	2
▪ Dose reconstructions completed for claims that meet the class definition	31
Cases with a PoC > 50%	3
Cases with a PoC < 50%	28