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Weekly update on DTL #1+ #3 ; week 49

Narrative description:

Technical: Completed hardware for final weld qualifications for the water channel weld repairs for DTL Tank 1 drift tubes and for the ring repairs on DTL Tank-3 drift tubes. Micrographs of DT diverter stem braze joints were obtained and are being analyzed. The current status of the DTL o-ring groove machining at Oak Ridge Tool is as follows:

Tank 1A – complete; Tank 1B – complete; Tank 3A – complete; Tank 3C - being machined - will be complete 12-3-02; Tank 3B - machining to begin on 12-4-02

Staffing: LANL team is staffing up with mechanical engineers and designers. Personnel from LANL LANSCE, ESA, and DX Division are being reassigned. Significant support from LANL Director and Deputy Directors are expediting the redirection. Jim Stovall also returned to LANL to help provide systems-level integration with recovery plan.

The re-machining of ~ 40 DT's at Coronado machining has begun. They will replace DT's in Tank 1. There are no changes in the status table as compared to last week.

Milestone description	Due Date	Number total	Number or % complete	Delta last week
DTL 3 DT's repair	Feb 28 th '03	31	0	0
DTL 3 DT's rebuilt	Feb 28 th '03	2	0	0
DTL 3 DT's new built	Feb 28 th '03	0		0
DTL 3 other parts	Feb 28 th '03	100 %		0
All DTL 3 parts shipped	Feb 28 th '03	100 %	? / IPS marker DTLINK51	0
DTL 3 installation	April 16 st '03	100 %	? /IPS marker DTL045	0
DTL 1 DT's repair	April 1 st '03	15	15	0
DTL 1 DT's rebuilt	April 1 st '03	44	0	
DTL 1 DT's new built	April 1 st '03	0	0	
DTL 1 other parts	April 1 st '03	100 %	??	?
All DTL 1 parts shipped	April 1 st '03	100 %	? / IPS marker DTL055	?
DTL 1 installation	May 21 th '03	100 %	? / IPS marker DTLINK31	?

The external technical review chaired by P. Grand is convening this week. This group will focus on the technical part of the recovery plan as well as on the schedule. According to the timeline presented in the last weekly status report, a draft report on the DTL recovery plan was due yesterday and was submitted by J. Stovall (editor).