

2011-03-23 Wednesday Morning Notes

Wednesday, March 23, 2011

8:22 AM

Dump Water System

- The plumbing for the remote makeup system and for the chill water isolation valve was completed today. The following plots shows some parameters (water flows, pressure, and temperature at left and core temperatures at right) the past 5 hours. The chill water isolation valve is open and was flowing cold water. The odd thing is that the CW regulation valve suddenly seems to be working, i.e., not leaking chill water and driving down the water system and core temperatures. The CW system was isolated from the dump system today and it was depressurized. After installing the isolation valve the CW was turned back on and the pump skid was restarted. I don't understand why the system now seems to be in regulation, but I like it. Note that the chill water isolation valve is not connected to any control circuitry yet; the valve is wide open and allowing normal CW flow.

Pasted from <<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar11&action=view&page=last&frame=2&anchor=&hilite=&load=>>

- The remote control for the three valves and readback of the new sensors will be connected to Pbar Crate \$74 today.