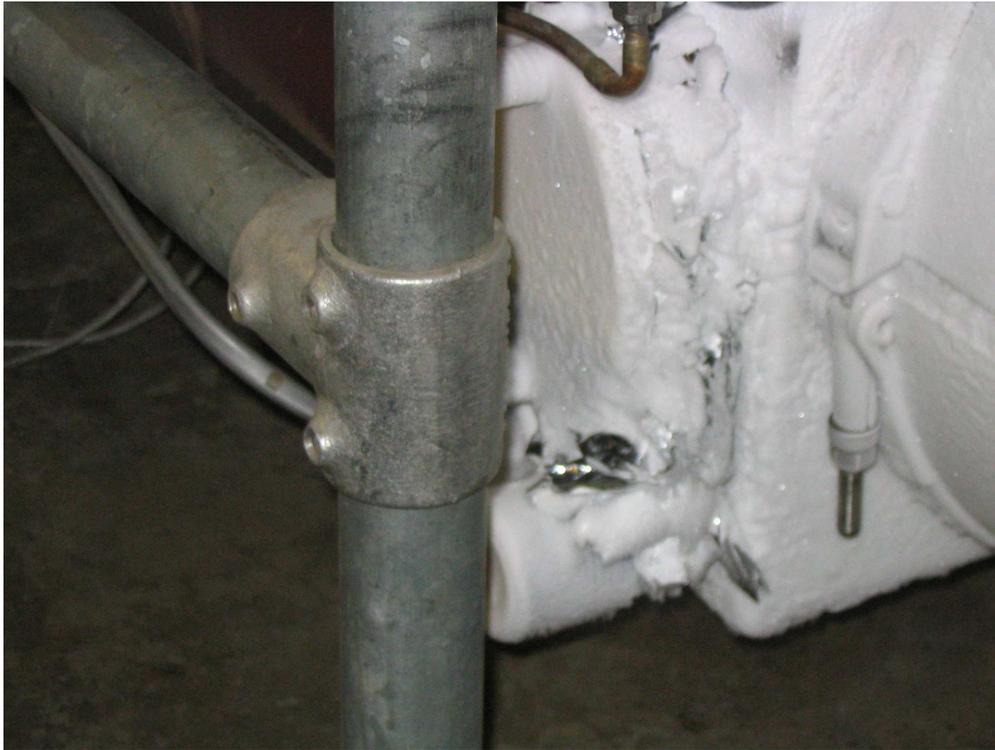


- **Tevatron Quench:**

- Finished shot set up with store 4666 colliding at 1708 with an initial average luminosity of $159.49e30$. Tev quenched F48L at 1805.

22-FEB-2006 18:05:52	
Store	4666
Quench#	1268
Collider State	14 HEP
Tev Mode	1 Colliding Beams
# Houses	1
# Lowbeta	0
# Fast Quench	0
Intensity	
Proton	8425.78 e9
Pbar	1713.13 e9

Cell	Line Cycle
F46U	2147418568
□	341
	-61
	-61



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-
- **Machine Summaries:**

- **Bob Mau**

- Cease beam operation on mid-afternoon on Saturday? Question for program planning.

- **Mechanical**

- Starting shutdown early would not help, still preparing for shutdown.
- Surveyers in B0/D0 would give them a jump.
- Summary:
 -
- Requests:

-

- **Cryo**

- Fast Warmup.
- B0/D0 - would need to go to
- F4 to room temp without going in tunnel.
- Low beta houses to N2 temp tomorrow.
-

- **Linac**

- Summary:
 - Running fine, so no impact.

- **Booster**

- Summary:
 - Started pre-acc notching studies yesterday. Want to finish before the shutdown.
 - Prefer no additional short batching studies.

- **Main Injector**

- Summary:
 - High field orbits at 120GeV and 150GeV.
 - Time in BPMs for Pbars
 - Extraction Lambertson scans
 - 11 batch tests beam to Pbar and NuMI

- **Pbar**

- Summary:
 - Documentation studies
- **Tevatron**
 - Summary:
 - Some progress on lifetime at 150GeV.
 - Looked at everything and documented quench
 - Abort module triggered the abort. Sloppy abort
 - Orbits had drifted 1.5mm RMS. 0.5mm vertical at the abort block.
 - Don't understand why the orbit has drifted this much.
 - Tev experts will continue to gather data today before devices get turned off.
 - Will visit the abort kicker timing
 -
 - Requests:
 - Houses that would have to be warmed up to work on during the shutdown if manpower and time are available.
 - ◆ F4
 - ◆ E2
 - ◆ A3
 - ◆ B4
 - ◆ D1 quad roll (D16-1 quad - roll by 10mm)
 - ◆ A1 TEL
 - Total of 6 houses? MS has time for 2 houses.
- **Recycler**
 - Summary:
 - Yesterday shot - .9 to 1.1 eV-sec transfers.
 - Would like to switch back down to the lower tune operating point.
 - Proton studies -
 - Want to correct orbit - calculate magnet moves.
 - Requests:
 -
- **SY120**
 - Summary:
 - Lot of users. Time is booked.
 - One pulse per minute
 - Requests:
 -
- **MiniBooNE**
 - Summary:
 - Down to 1 turn. This is useful data for calibration.
 - Also interested in running horn at different currents.
 - Can get all work done by Saturday.
 - Requests:
 -
- **NuMI**
 - Summary:
 - Horn ground currents are large. Ground current pulses a couple thousand amps for a few milliseconds. Experts are investigating.
 - 60 Lambertson study -
 - Single turn calibration run -
 - Requests:
 -
 -
- **CDF**
 - Summary:
 - Were very happy with last store. Made trigger table guys happy, even with only one hour
 - Can do radioactive source calibrations - two shifts with people out of collision hall
 - Requests:
 -

- **DO**
 - ◻
 - Summary:
 - ◻ Already inquires about survey crews in hall to survey detector.
 - ◻ Mechanical crew begins it two shift schedule next week.
 - Requests:
 - ◻
 - ◻
- **The Plan**
 - Summary:
 -
 - Requests:
 -