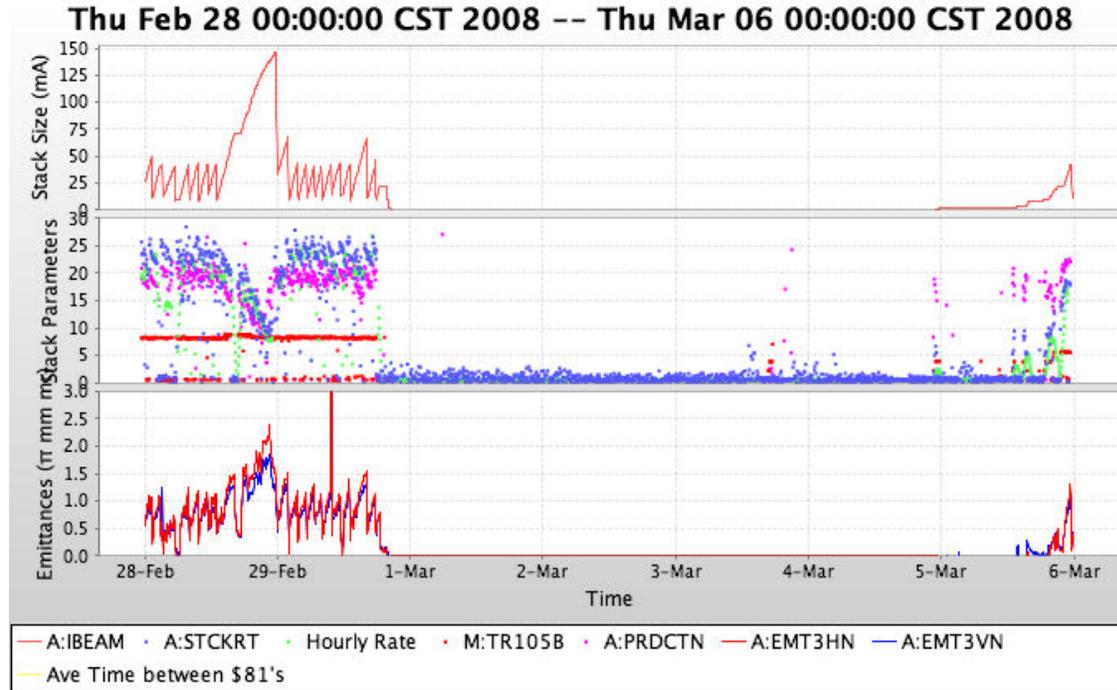


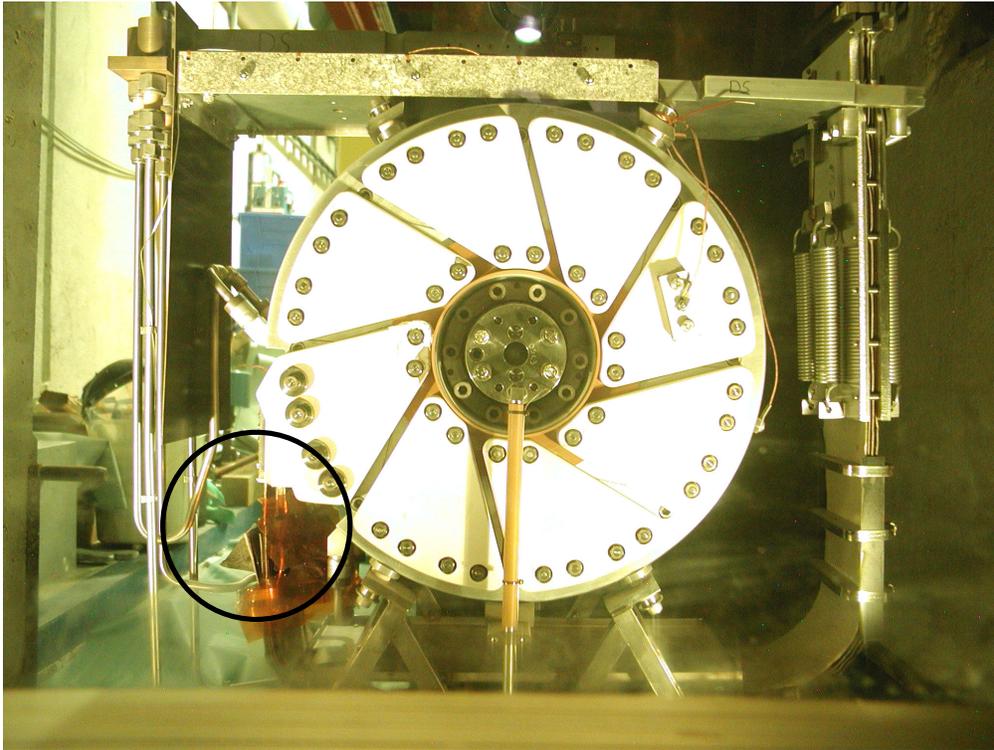
Performance



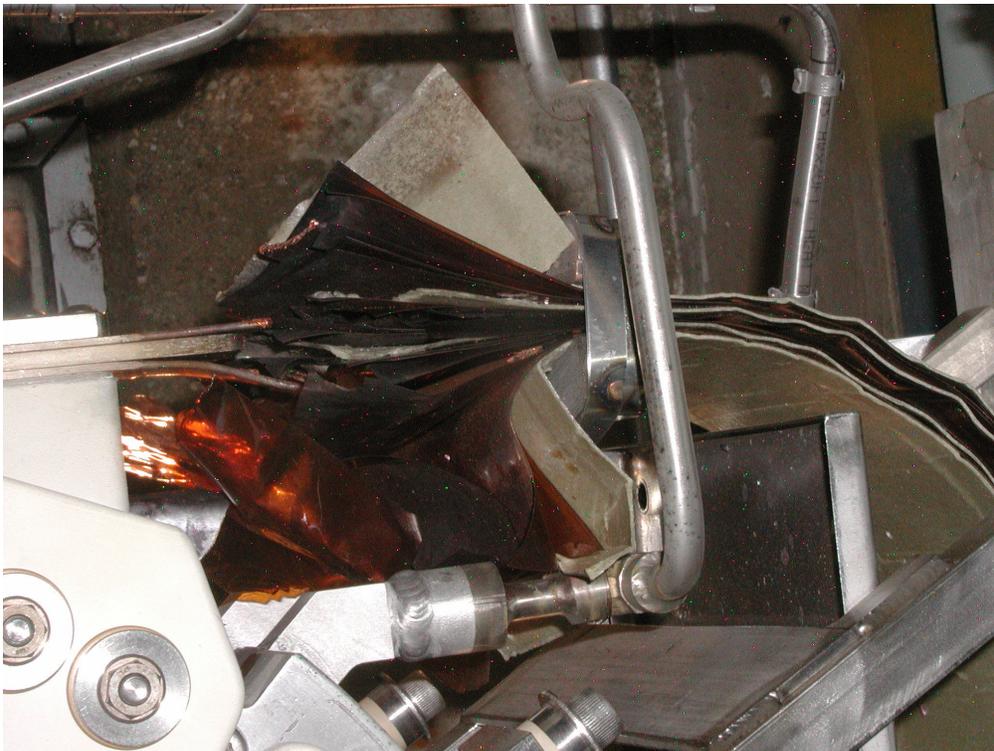
The issue

- Lens
- 10mm-3



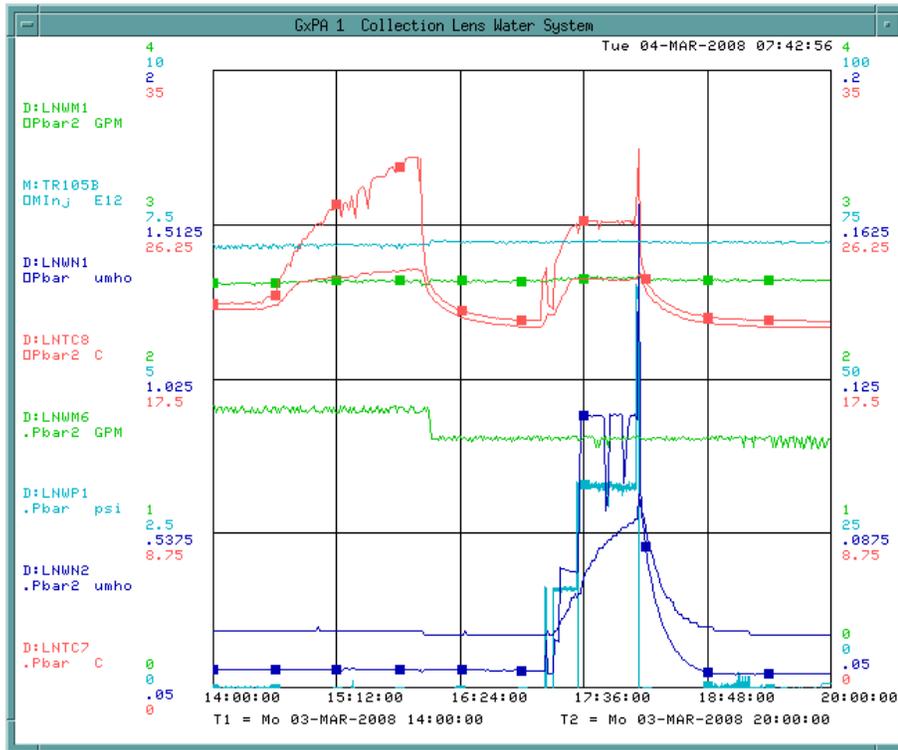


Failure location circled.



- Blowup of failure.
  - 180R/ft one side
  - 90R/ft other side
- Want to try to recover transformer.
- Water line connection - VCR - found that 10mm-2 was leaking water when it was in service.
- Then....
- Put in 10mm-2
  - Some problems.

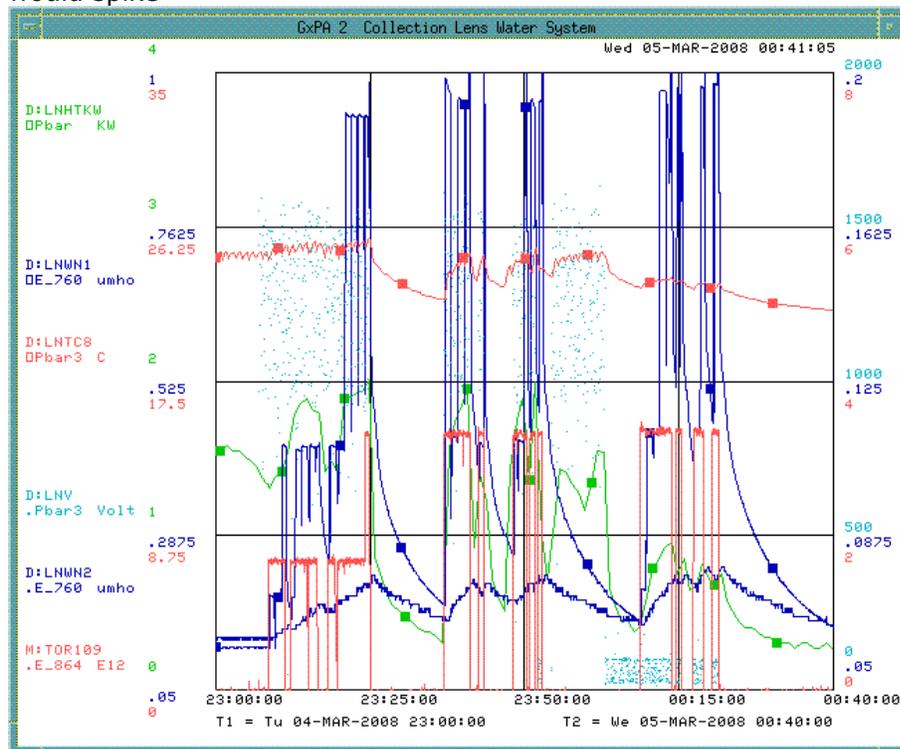
○



Apparent Li breach on 10mm-2

That led to another lens changout...

- Steel body lens 32 had the same problem.
- Pulse at full gradient, same conductivity, But when ran beam, conductivity would spike



Pasted from <<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pts&action=view&page=-2468&button=yes&invert=yes>>

- Ran overnight at low gradient and beam on target.

- Water contaminated?
- Next would go to Lens 23. Has record number of pulses
- New lens
- Recover 10mm-3
- Maybe recover 10mm-1...had a transformer ground fault. Has 6 million pulses on it. Was 80R on contact a few weeks ago.

Stuff done

DRF1-3 repair

Unstuck verticle damper pickup.

Double notch filter in place

Equalizer - 30 minutes in tunnel. Characterization before and after.