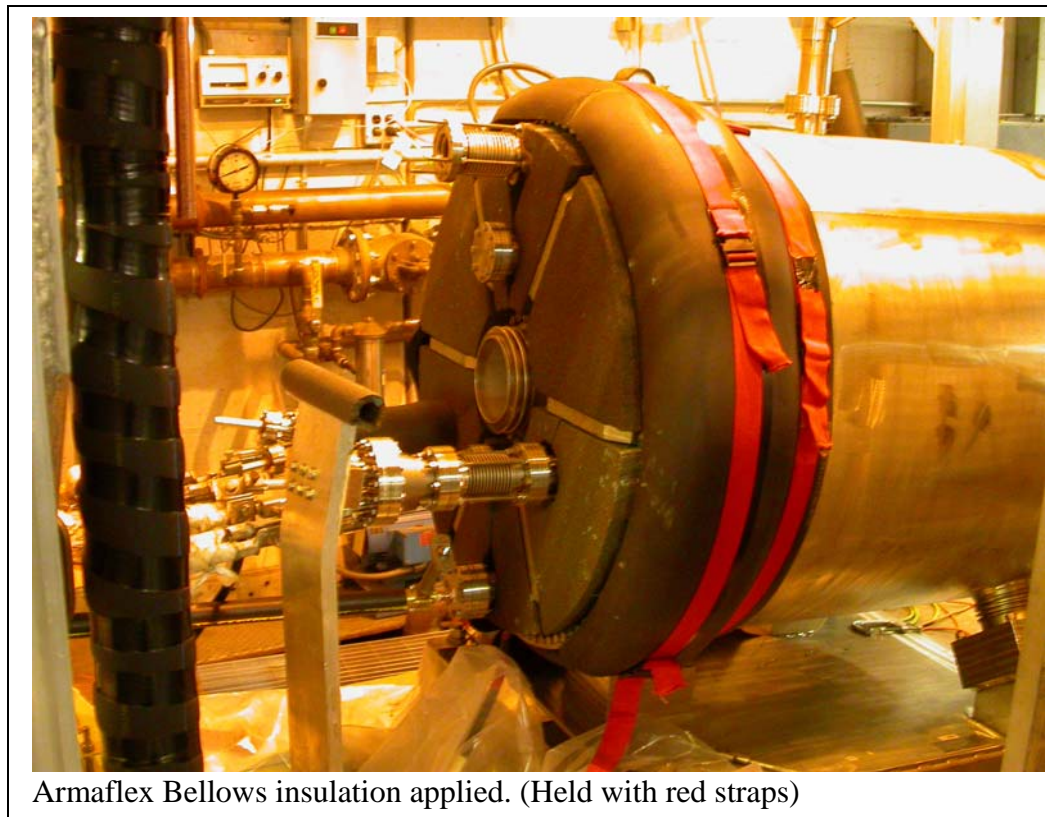


MERIT Magnet Testing Status

Wednesday March 22 2006 VRVS



**Peter H. Titus, MIT Plasma
Science and Fusion Center**
(617) 253 1344, titus@psfc.mit.edu,
<http://www.psfc.mit.edu/people/titus>



Armaflex Bellows insulation applied. (Held with red straps)

Status:

Finalizing Insulation of the Cover. We had a temporary supply problem with the Stycast material. We investigated Bondo – but it failed the dunk test. Foamglas passed a propane torch test. It is not flammable – at least in air. We will paint the foamglas with the EPON system (Same epoxy used by CVIP as a filler)

Transformers have been retapped to the higher voltage, Open circuit (no-Load) tests of the power supplies have been conducted

Bus Bar connections are complete – Silver plated and bolted. Still some support work to do.

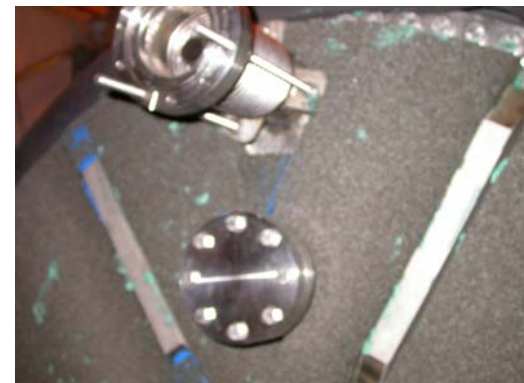
LN2 supply line vacuum has been pumped.

First segment of the vent pipe has been hung from the roof.

Chen-Yu is working on instrumentation. We needed to buy kits to add 0-10v output for the Capacitive level sensor –This was an option not originally specified – Only full/empty signals and digital readouts came with the unit.



Dave Tracey Bonding Insulation with Stycast to MERIT Pulsed Magnet Cover

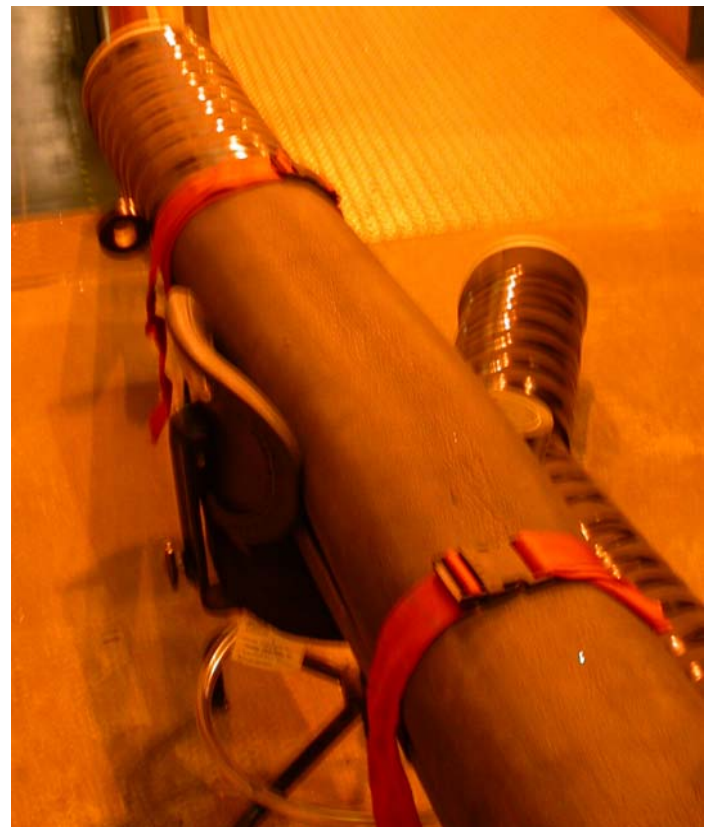


Stycast and CTD material being used to bond the foamglas.

Nitrogen Vent Status – Being Hung



First segment of the vent line has been hung



Insulating the top (roof) segment of the vent line



Armaflex Insulation

**Roof penetration has been hung. It still needs
The skirt and some caulking.**

- Thanks to Val and Phil

***With a little luck we will start
a cooldown tonight.***

