



**Fermi National Accelerator Laboratory**

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# EXTRUDED SCINTILLATOR STRIPS FOR MINERVA

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Minerva Collaboration Meeting  
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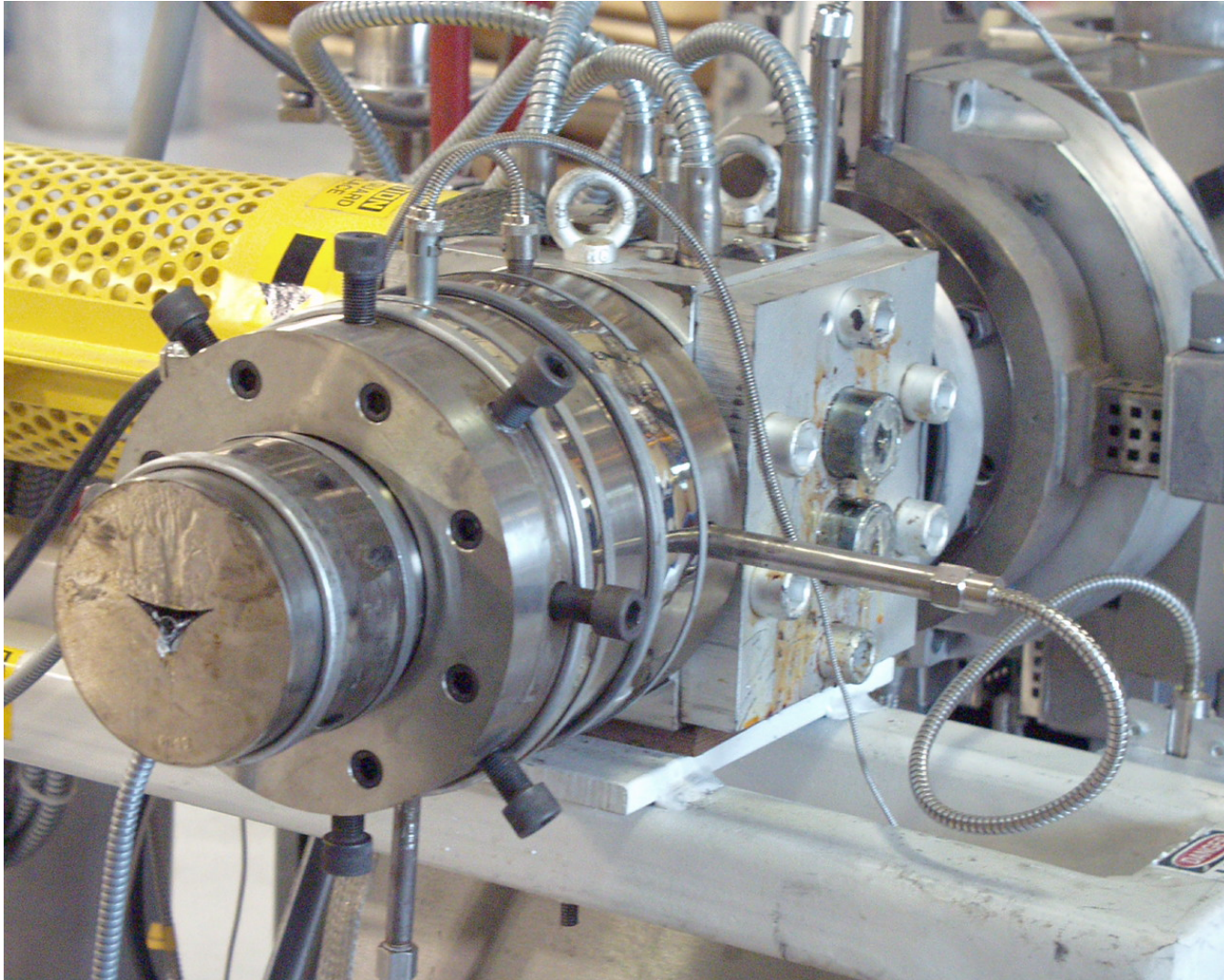
# PROGRESS FROM AUGUST MEETING

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- One more run “as is” to test air knife
  - Done, no improvement
- Back to the die maker to address current problems
  - Done
- Purchase polystyrene and dopants
  - Done
- Pay labor costs
  - Pending?
- FNAL number for the drawing
  - Pending

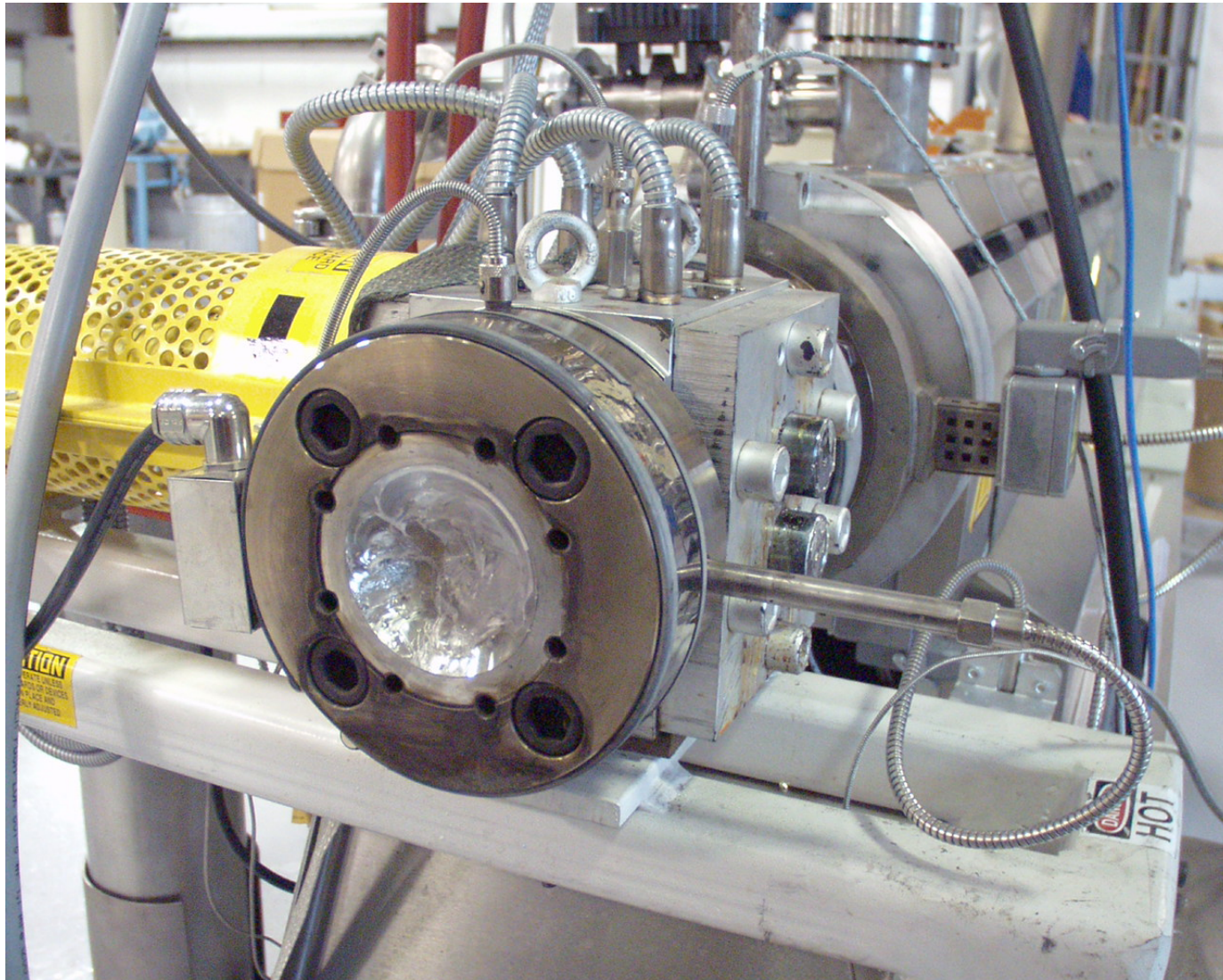


# STATUS LAST AUGUST





# CURRENT STATUS

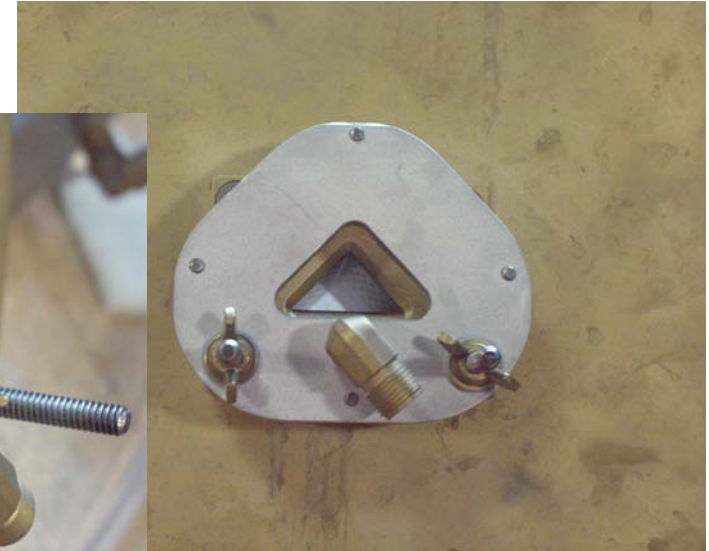
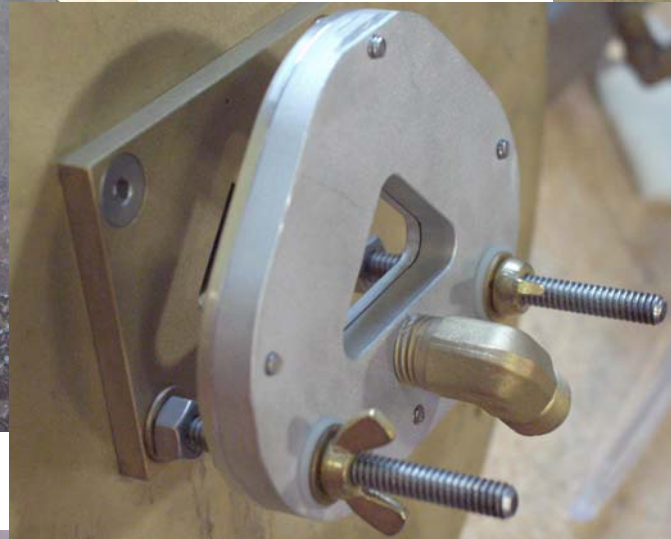




# CURRENT STATUS



**NOW**



**THEN**





# TOOLING MODIFICATIONS

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- DIE: Triangle base corners - widened
- DIE: Inside passage - widened
- DIE: Needle for hole - untouched
- SIZER: First section – cleaned base and chamfered corners
- SIZER: Last section – widened
- AIR KNIFE: Gentler effect - reduced gap
  
- HOLE SIZE: Control using different vacuum stages in cooling tank
- BOWING: Control using different cooling profile