**Mentor Meeting 03/29/11**

* Sharing cooling water tower
  + Make sure total econ is up to date
* Air price, settle on a company
* Sort out price of ZnO, go with UOP or the other
* Present econ separate from the overall presentation
* Make a note of the CO2 footprint with and without CO2 capture (for presentation)
* Share buildings and services with Golf
* Focus on Water Gas Shift for control scheme
  + Online GC
* Control philosophy
  + flow
  + level
  + pressure
  + temperature
  + composition
* Probably will be asked about gasifier controls
  + batch control
  + pressure
* Come up with a catchier sub title
  + “Weaving gold out of straw”
* Move bullet points of overview to abstract section and reduce abstract
* Discuss the problem of valuing a intermediate product
* Annualized cost with and without CO2 capture
* Reformat printouts for the stream flows
* Print out sheets for the mentors
* Slag 🡪 Clinker 🡪 Cement
  + Find clinker price
* Find factor for electricity cost
* Look into metal reclamation from the slag
  + High Ni and V
* Add elemental composition to petcoke flow sheets