**09/21/17**

Transatomic-

* 750 degree C dissociation (moderator)
* metallic - moderator

Freeze plug

* main purpose was maintenance
* its takes a while for the salt to melt during an accident
* long term safety strategy not short term
* requires a lot of volume
* do we need the initial cost an everything that comes
* the problem is usually decay heat not sub-criticality

positive activity coefficient

create a timeline

* leverage what we learn from 267-
* finalize design
* have a good idea of what the system looks like ( not just the reactor) heat exchanger, secondary system,
* chose a secondary process
* siting

Deliverables

* written reports
* Do everything in phases

End of October

* what will the components look like

Components and requirements for switching between each system- & constraints from renewables to reactors

* how quickly can i change the power of the reactor
* if switch from electricity to …. how quickly
* response times, and their requirements
* every player within the system
* ( By the end of this semester )

How do we control the scheme ( next semester)

* how do we automate the process
* - parameters