Operational and Decision Support Day 1 Recap
Decision Support Day 1 Topics

• Our focus is centered on control room and engineering support technologies, though not exclusively

• Current systems work fairly well for the >99% of time during routine operations, plus relatively small contingencies
  – There is time to work problems
  – Existing decision support systems are not perfect, but incremental progress should be sufficient
Decision Support Day 1 Topics, cont.

- Much embedded models and data in existing systems, need better ways to help people know when there is suspect results
- Considerations between standardization and customization
  - Experienced versus more novice people
- Different display metaphors may be useful
Decision Support Day 1 Topics, cont.

• Need focused attention on responding to extreme emergency situations (“Black Swans”)
  – How fast should we expect operators to respond?
  – Automation, but concern when automation fails
  – Needs to be considered in software/visualization design (i.e., how to handle thousands of violated contingencies)
  – May be good way to get new visualizations into control room
  – Meta-cognition: Knowing how we make decisions

• Need results published in power journals! Also, need to continue to build community