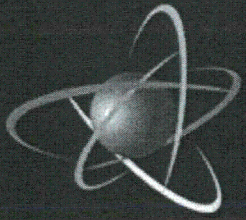


SOARCA

- **SOARCA = State-of-the-Art Reactor Consequence Analysis**
- **Initiated after 9/11 attacks (~ 2006)**
- **Intended to update 1982 Sandia Siting Study**
- **More realistic projections of consequences of a reactor accident**
- **Could be overtaken by Level 3 Probabilistic Risk Assessment**

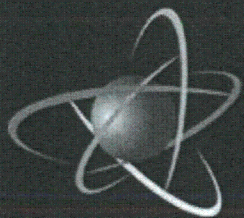




## SOARCA Next Steps

- **October 2010 – Release draft to internal stakeholders**
- **January 2011 – Release draft to public**
- **Oct – Jan – Conduct uncertainty analysis**
- **Feb – Jun – Upgrade analysis & incorporate stakeholder comments**
- **June 2011 – Provide Commission with policy & program options**





# SOARCA Example Comparison

## Cesium Releases

