

# ALPS/APEX SAFETY TASKS FOR FY99

The safety issues for the ALPS and APEX programs are similar, so we do not differentiate between ALPS and APEX tasks

1. Provide on-call safety support to ALPS/APEX, including scoping safety assessments of design concepts to identify key safety issues
2. Non-water coolant (Li and Flibe) safety code model development
3. Liquid surface disruption safety
4. Reliability of non-water coolant systems
5. Chemical reactivity of tungsten brush material
6. No-evacuation radiological dose limits for ALPS/APEX materials
7. Tritium issues (Flibe)

CHEM CON