

## TRANSITION ACTIVITIES

1. Planning for transition activities (activities, schedule, risks, protection, ...)
  2. Defueling and clean-up activities
    - Defueling of core
    - Draining systems
    - Removal of experimental components
    - Removal of non-fuel core components (control rods, neutron detectors etc.)
    - Removal of operational waste
  3. Characterization
    - Review of operational history
    - Prepare sampling and analysis plan (survey)
    - Prepare calculation models
    - Implement survey (field measurements, sampling, laboratory analyses)
    - Perform calculations
    - Compare and analyze results
    - Determine inventory
  4. Planning
    - Define end-point
    - Define strategy
    - Define content of the Decom Plan
- Project Management  
Activities

Technologies  
Safety Assessment  
Waste Management  
Health and Safety  
Emergency Planning  
QAP  
Cost and Funding  
Security  
Final Survey Plan

....

## 5. Refurbishment and maintenance

- Systems to be abandoned
  - Criticality monitors
  - Fuel handling devices
  - Cooling system

....
- Systems to be kept or modified
  - Ventilation
  - Radiation monitoring
  - Transport devices (cranes, forklifts etc.)
  - Electricity, water, waste handling
  - Fire protection, video surveillance

....
- Systems to be kept in reduced capacity
  - Physical security

....

- Systems to be procured (in case of immediate dismantling)

Tools for dismantling

Portable ventilation

.....

## 6. Organizational issues

- Structure of team
- Roles and responsibilities
- Lines of reporting
- Staffing
- Training
- Contractors involvement
- ....

## 7. Licensing

- Early communication with RB
- Submission of DP and supporting documents needed for license issuing

## 8. Funding

- Preparation of funding proposal based on cost estimate

END POINT:

Team, equipment, license, fund – all in place

Ready for dismantling or safe enclosure