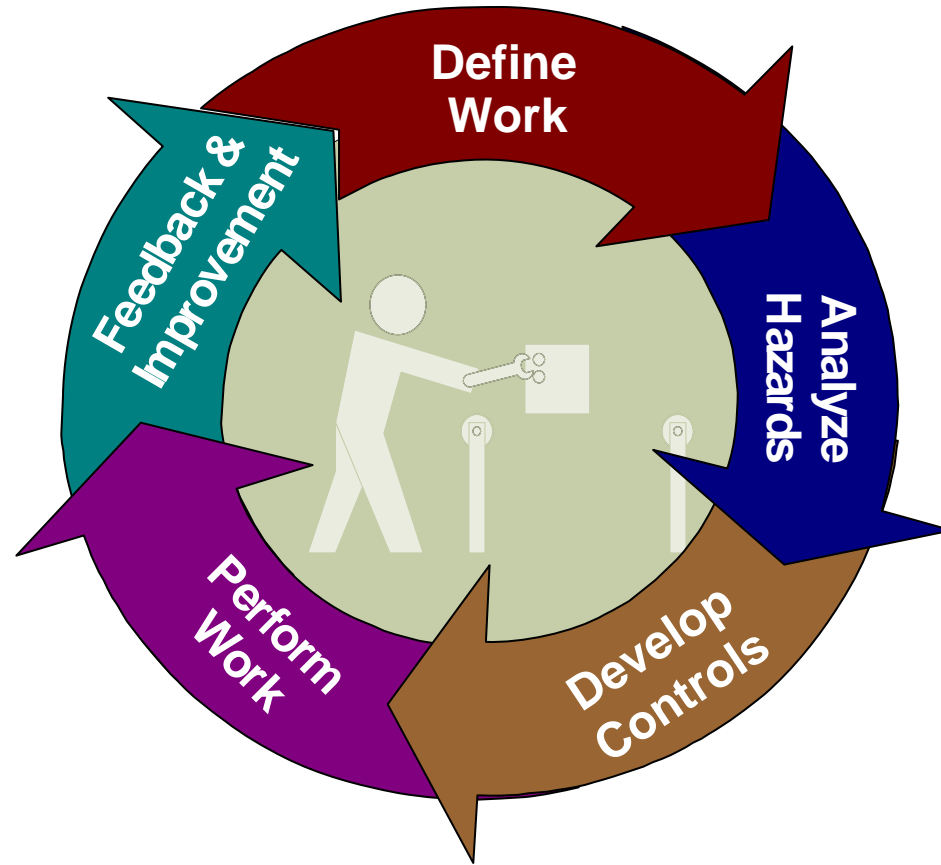
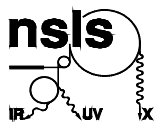


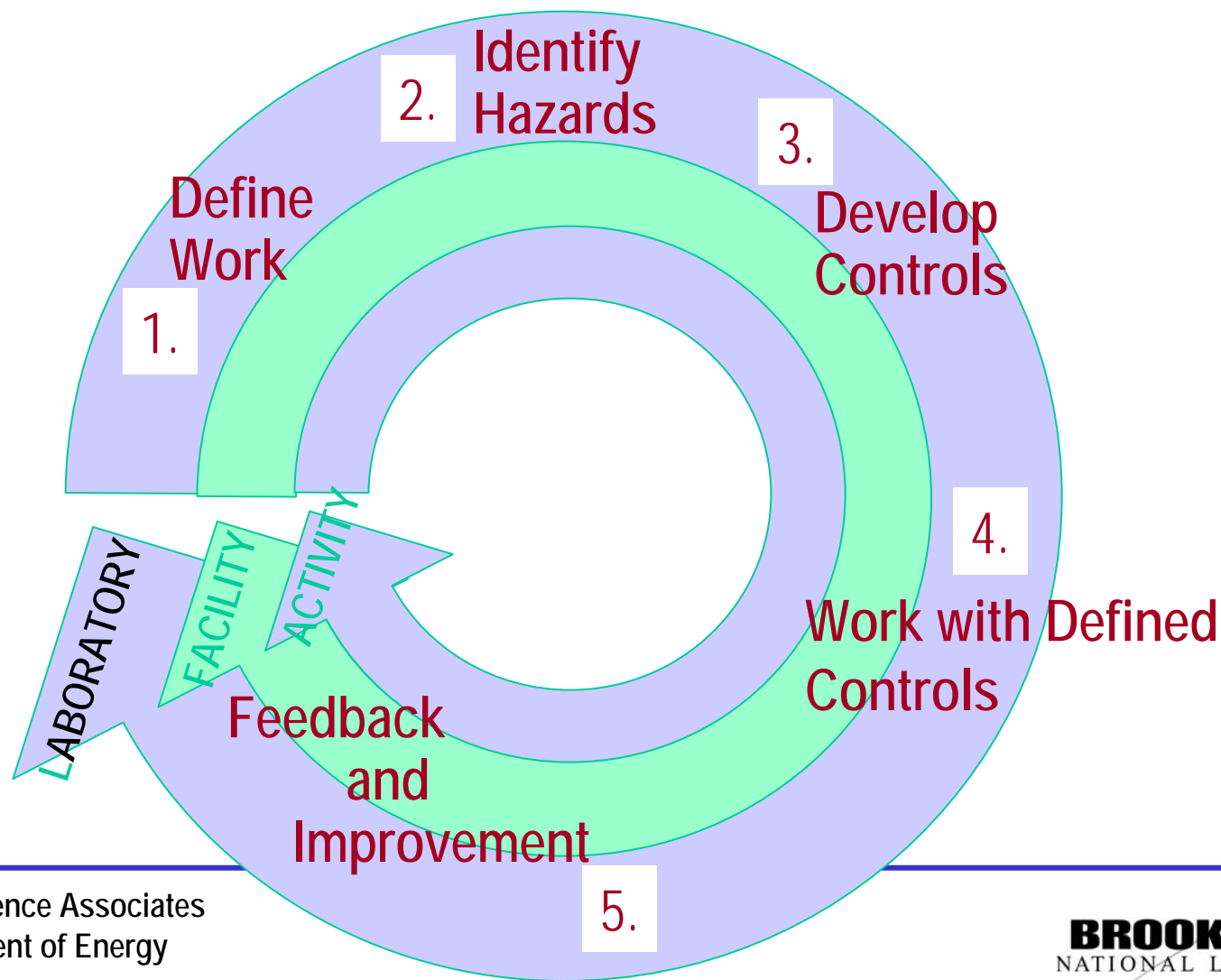
ISM Safety Moment

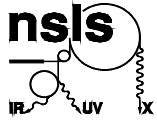
All Work is Planned





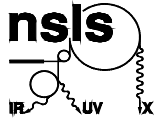
All Work is Planned Integrated Safety Management





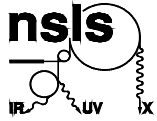
All work is planned

-
- Two types of work planning
 - Routine work
 - Enhanced work planning



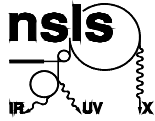
Routine Work

-
- Worker qualified by:
 - ‘On the Job Training’ (OJT)
 - Supervisor instruction
 - Web based training (Job Training Assessment; JTA)
 - Documented in Worker Qualification Matrices
 - Hazards associated with work are well understood by worker and supervisor – check Job Risk Assessments (JRA’s) for info on work hazards
 - Work screening by supervisor/worker expected to ensure that work factors are as expected – additional planning may be needed
 - Written procedures for higher risk repetitive tasks
 - Feedback from worker to supervisor is important



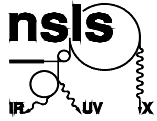
Non-routine tasks / projects – Enhanced Work Planning

- Referred by supervisor or worker to Work Control Coordinator
- Work Control Coordinators review for:
 - **Coordination**
 - **Risk control**
 - **Complexity**
 - Committee review
 - Written permit – “Green Sheet”
- Worker Qualification Matrix contains definition of need for Enhanced Work Planning



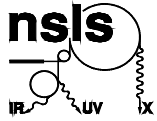
Enhanced Work Planning Examples

- Permit issued by Work Control Manager (Green Sheet)
- Safety system work authorization (beam line configuration control)
- Beam line safety check-list authorization
- Safety Approval Form (SAF) approval
- Radiation work permit
- Electrical safety work permits (Lock Out Tag Out zero energy verification or trouble-shooting in range B)
- Welding permit - fire alarm impairment



Experiments

-
- No “routine” experiments – ALL reviewed
 - All experiments require Proposal Allocation Safety Scheduling (PASS) [Safety Approval Form](#) (SAF)
 - OHSAS Job Risk Assessments (JRA’s) define scope and requirements



Contractors / Vendors

- ALL reviewed
- Web requisition – Work Control Coordinator screen
- NSLS Contractor/Vendor orientation/screening form