

# DOE Argonne Site Office Facility Representative Perspective

- May 2004 DOE-ASO Laser Safety Functional Area Review
  - N-1:** ANL-E Laser Safety program needs to be revised to grant the Laser Safety Officer approval authority for all laser standard operating procedures (SOPs) laser installation facilities and laser equipment.
  - IO-1** – The Laser Safety Program should incorporate a system for ensuring that divisions and the LSO have information from the Medical Department documenting whether a laser user's eye examination is **acceptable** before laser operations are authorized.
  - IO-2** The PARIS system needs to include division ESH Coordinators in routing of requisitions of laser purchases.
  - IO-3** At the next revision, the ANL-E Job Hazard Questionnaire (JHQ) should be revised to tailor training requirements to reflect the variety of participatory roles in ESHM Ch 6.2, e.g. authorized laser user, scientific collaborator.
- 21 Sept 2004
  - informed of laser injury by APS ESH/QAR
  - toured APS Expt Hall to verify laser shutdown by CATS - true
- Heightened DOE sensitivity to laser incidents: Allow ANL to continue or DOE take over investigation?

# ASO FR - Lessons

- FR walkthroughs to include more interaction with scientists
- Improved ANL investigation protocol
  - Use of consistent tool (like checklist) to assure rigor and completeness
  - Line managers conduct the investigation, dedicate employees with support from ANL & DOE who participate from the start. Pre-defined points where EQO & DOE take over the investigation.
  - More detail of investigation requirements for ESH focus areas, including meaningful analysis of pre-cursor events
- Define when DOE should take over investigations

# ASO FR – Future

- Guide the improving APS process for work controls and configuration management.
- Partner with APS to improve applying lessons from other sites
- Work with APS to implement their assessment idea of “projecting” DOE accident conditions onto APS labs to determine applicability of corrective actions at APS
- Seek to influence, then validate, planned ANL improvements in investigations and laser safety roles.
- More “whys” as part of FR process