

*U.S. Department of Energy*



*Office of Science*

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# Accelerator Safety Workshop:

Perspectives from the  
Office of Safety, Security and Infrastructure

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# Office of Safety, Security and Infrastructure (SC-31)

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- Environment, Safety and Health is under SC-31.
- Provide staff support to the Chief Operating Officer, SC-3.
- New approach on burdensome directives.



# Management Approach to Directives

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- Justifications for directives development are reviewed more closely, before the development process begins.
- Move towards “what” the department wants, not “how” to do it.



# Nanoscale Safety

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- DOE P 456.1, “Secretarial Policy Statement on Nanoscale Safety” (September 2005)
  - Adopt national standards and safety and health best practices
  - Stay abreast of current research and knowledge
  - Secretary Bodman decides against developing additional DOE directive at this time (July 2007)



# Nanoscale Safety - Guidance

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- “Approach to Nanomaterial ES&H”
  - Revision 2 – June 2007
  - Developed by 17 laboratories
- Non-mandatory guidance for Nanoscale Science Research Centers, funded by BES.
- Addresses ventilation, waste, program effectiveness.
- Available on our website:
  - [http://www.sc.doe.gov/sc-80/sc-83/docs/Nanoscale\\_ESH.pdf](http://www.sc.doe.gov/sc-80/sc-83/docs/Nanoscale_ESH.pdf)



## SC-31: Examples of what we do

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- 10 CFR 851, “Worker Safety and Health Program”
  - Review variances submitted by the laboratories.
  - Work with HSS to resolve issues raised by the field.
- ORNL - Variance Request for Pressure Vessels
  - Will similar requests be coming from other sites?
- Jay Larson is lead for 10 CFR 851 issues.
  - 301-903-9869
  - Jay.Larson@science.doe.gov



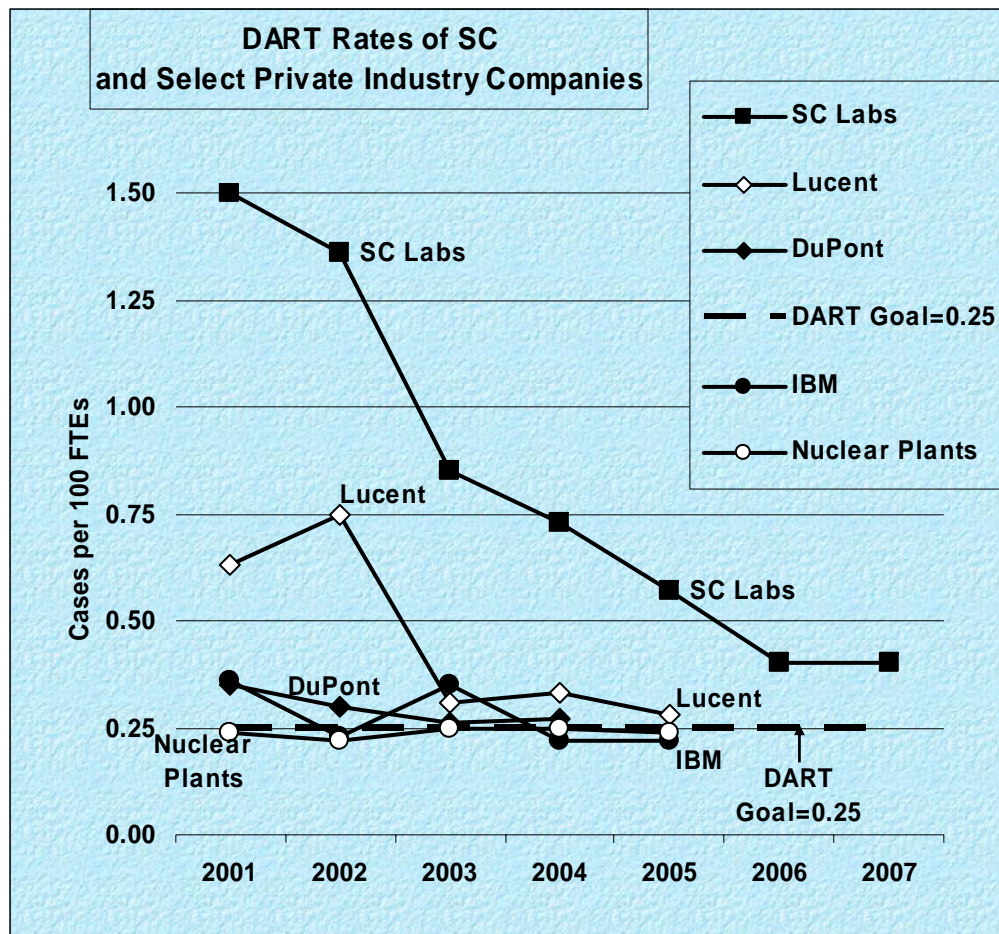
# ES&H Data Reviews

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- New HSS/DOE effort to review ES&H data from CAIRS and ORPS
- SC-31 Quarterly Safety Reports
  - CAIRS/Injury data is analyzed and measured against the SC safety goals.
  - ORPS data is compiled and analyzed for management review.



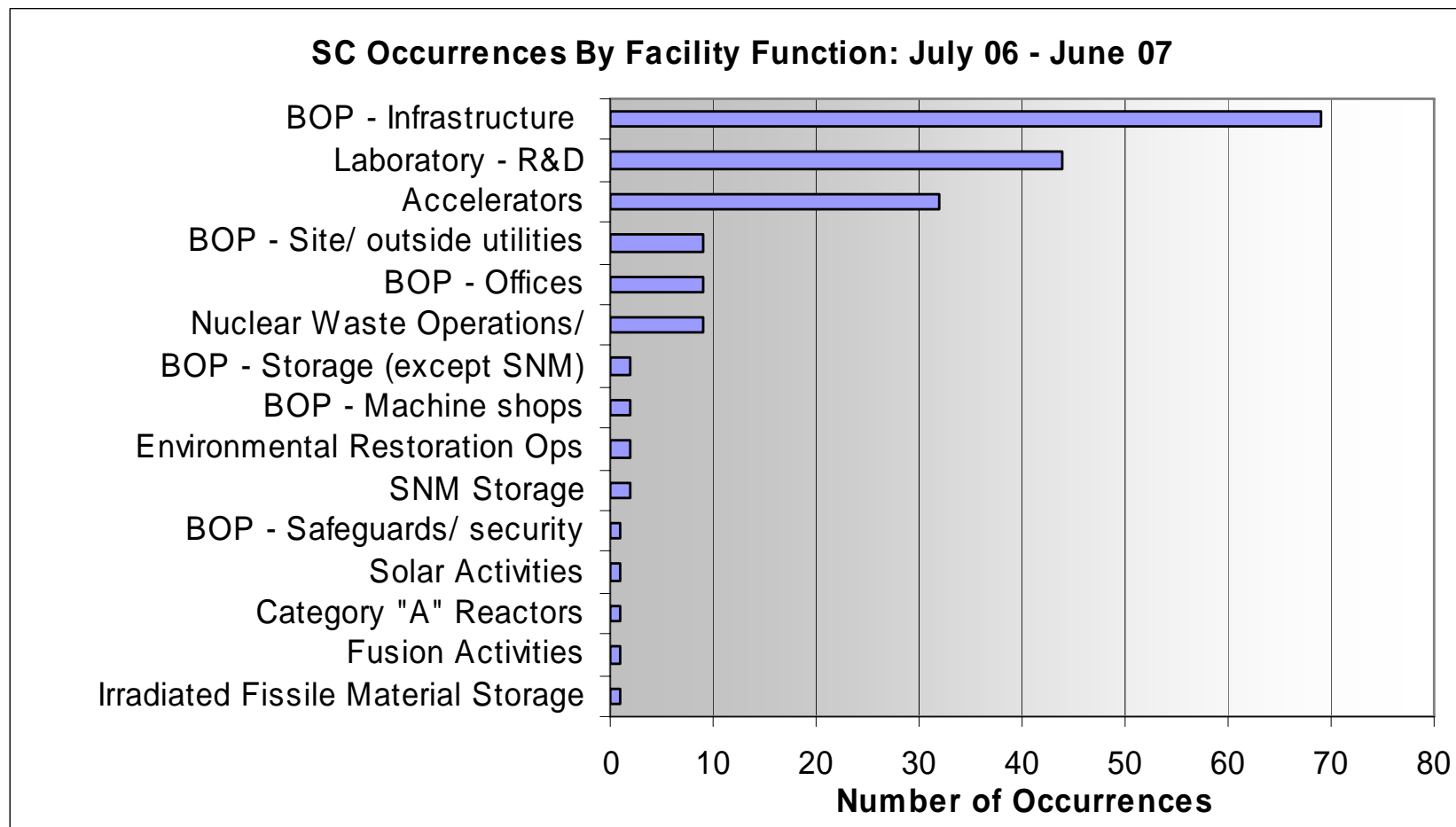
# SC DART Injury Trend through the Second Quarter, FY 2007







# Example of SC ORPS Data





# Feedback

- How is implementation going for 10 CFR 851?
- What other issues would you like SC-31 to work?