



***U.S. Department of Energy's  
Office of Science***

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**SC Site Manager's Meeting  
Princeton Site Office Safety & Oversight**



**Jerry Wm. Faul, Manager  
January 18, 2005**



## ***Safety Status***

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***PPPL met the SC goals for DART and TRC rates for FY05 . . .***

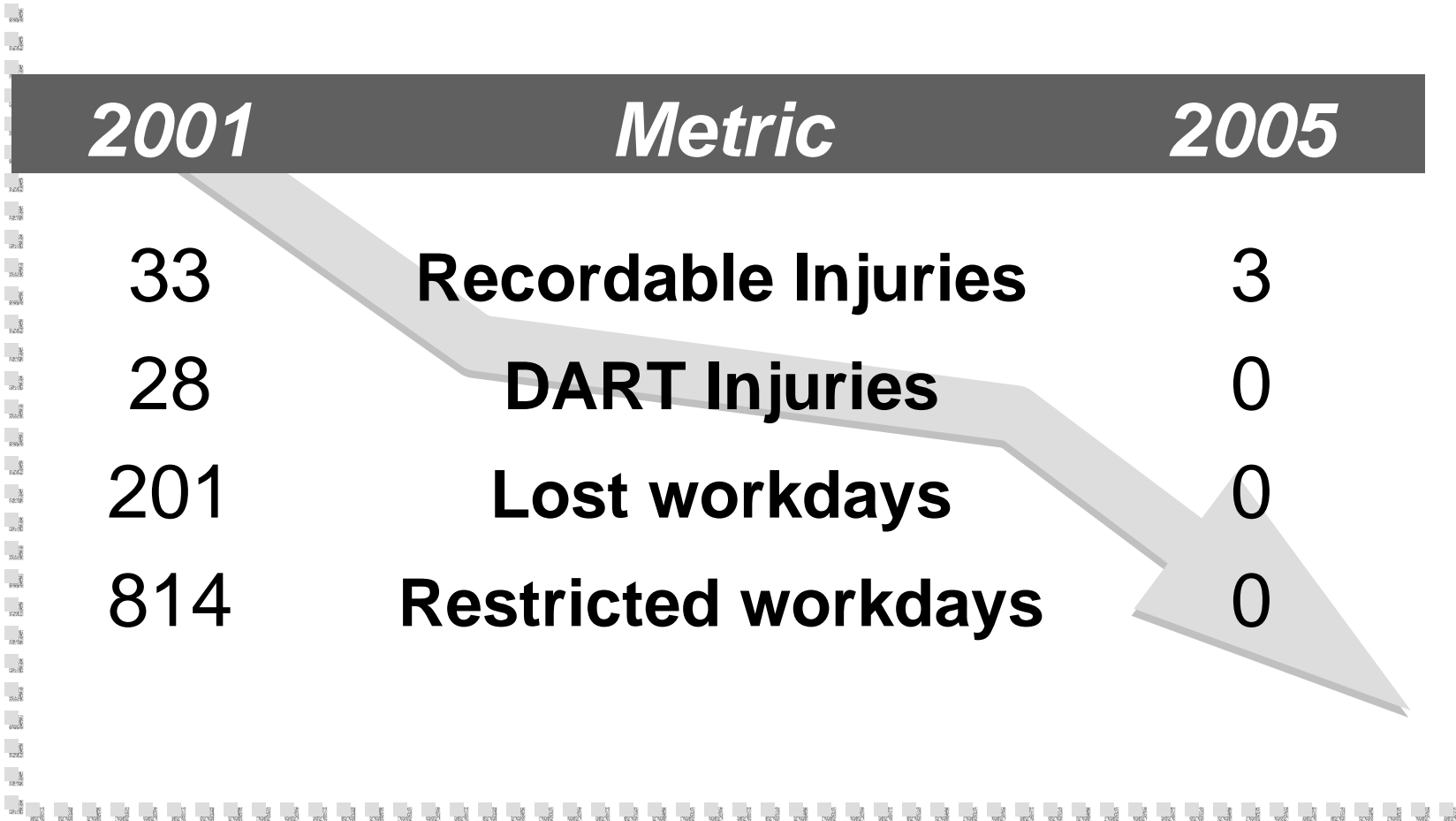
- DART goal: 0.50
- DART actual: 0.23
- TRC goal: 1.10
- TRC actual: 0.93

***CY2005 saw the best PPPL safety record in 23 years:***

- No cases of missed work
- No cases of work restrictions
- 3 recordable injuries



# PPPL Safety Performance Improvements





## ***Safety & Oversight Initiatives***

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- The FY-06 SC-PSO Site Office Performance Plan (SOPP) sets forth the site office mission, functions, vision, roles, responsibilities, authorities, and accountabilities, establishes goals and objectives, and identifies the resources needed to meet the SC-PSO mission and vision. It also communicates how site office operations are conducted to provide a common understanding that allows the site office to be effective in its operations.
- DOE Order 226.1, “Implementation of Department of Energy Oversight Policy”, CRD (Contractor’s Requirement Document) was included in the PPPL Prime Contract on October 31, 2005. Required by March 15, 2006
- Detailed Site Office Procedures provide specific direction concerning ISM & Oversight, however they must be revised based on DOE Order 226.1 and DOE Manual 450.4-x
- SC-PSO emphasizes a vigorous “In-the-Field” Surveillance Program
  - Preliminary design reviews
  - Final design reviews
  - Daily briefings
  - Work performance
  - Pre- and Post-action briefings



# Vigorous Safety Surveillance Program

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- 1.** SC-PSO Surveillances
  - ✓ Covers all spaces every 6 months.
  - ✓ Covers activities, e.g., critical lifts, as well as spaces.
  - ✓ Intended to cover representative operations.
- 2.** All identified Action Items tracked to completion in PPPL QA Tracking System – joint tracking of PPPL and PSO findings.
- 3.** Active Facility Representative Program – monthly written reports
- 4.** PPPL Management Safety Walkthroughs
  - ✓ Covers all spaces on site every 2 years with “higher hazard” spaces, e.g., small laboratories, inspected annually.
  - ✓ Participation includes Site Office Manager and Laboratory Director.
- 5.** Unified Safety Reviews – Functional area program level reviews
- 6.** Mini-Reviews – Specific work activity reviews

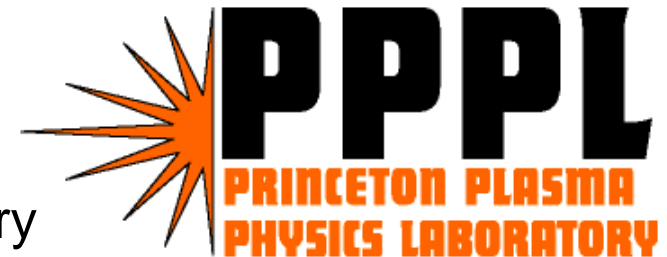




## *PPPL Safety Initiatives*

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- ✓ PPPL continues to present its Hazard Awareness Course, the goal of which is to train employees to identify and mitigate hazards using classroom training and field exercises. To date, about 60% of Laboratory employees have received this training.



- ✓ PPPL recently completed a two-year project to implement corrective actions for the deficiencies identified by an OSHA inspection team during an August 2003 visit. All of this work was completed within the allocated budget and schedule.
- ✓ PPPL has completed implementing all actions on the recommendations that were included in the report of the DOE Office of Science (DOE-SC) energized electrical work review of PPPL in March 2005.



## ***Recent ISM Program Assessment***

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Recent ISM Program assessment in areas of Work Planning and Control and Feedback and Improvement identified robust ISM System.

Assessment identified 4 items for the draft Action Plan.

1. SC-PSO will revise the appropriate SC-PSO Procedures to include proceduralized trending requirements. The revisions will be completed by March 31, 2006.
2. PPPL will prepare and submit to SC-PSO a contractor assurance program description by April 30, 2006.
3. PPPL will develop a plan for enhanced trending of oversight activities by March 31, 2006.
4. SC-PSO has requested that an overall ISM implementation verification at SC-PSO and PPPL be performed by the CH Integrated Support Center. This verification is scheduled to occur the week of March 6, 2006. This verification will include a re-assessment of those areas covered in the assessments just performed and determine if additional corrective actions are required.



## *Re-Invigorating ISM*

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- SC-PSO has requested that an overall ISM implementation verification at SC-PSO and PPPL be performed by the CH Integrated Support Center. This verification is scheduled to occur the week of March 6, 2006.
- Hazard Awareness Training Course
  - Developed during 2004
  - Focuses on identifying and mitigating job hazards
  - Uses classroom training and field exercises
- SC-PSO must write a new ISM System description based on Attachment 1 by September 30, 2006.

