

# APS Monthly Operations Meeting

Dennis Mills

November 17, 2010

# Agenda

- 2:30 p.m. Refreshments
- 2:45 p.m. APS Update – Dennis Mills
- 3:10 p.m. *“NUFO’s Science Outreach Trip to Washington, D.C.”*,  
Dennis Brown, NUI and APSUO Steering Committee
- 3:25 p.m. *“Overview of the Advanced Powertrain Research Facility Activities”*,  
Dr. Henning Lohse-Busch, Center for Transportation Research, ANL
- 3:45 p.m. Adjourn



# APS Update

- Safety Note
- Budget, Upgrade, etc.
- ANL Employee Survey
- Pacesetters



# Safety Note

- APS had an OSHA recordable safety incident at the end of October when an employee was removing an 8" conflat flange from a vacuum chamber.
- The flange came off the guide studs more quickly than anticipated and as a result dropped 4 inches and pinched the tip of the finger between the flange and a tabletop.
- The employee was treated at ANL's Medical Department, released and returned to normal activities and work within one hour of the initial event. But during a follow up exam, the Medical Department x-rayed the employee's finger and found a simple fracture at the tip of the ring finger. As a result the event became OSHA recordable.
- The good news is that the employee was not seriously hurt, the system worked well, all employees knew what to do and Medical followed up in a responsible manner.
- The major lesson is that ***ROUTINE TASKS ARE NOT ROUTINE***. Please concentrate on the task at hand, no matter how simple.



# APS/ANL News

- Budget
  - No further info from Washington
- ISO Audit:
  - ANL Divisional Management Assessments were found to be in non-conformance and will be called out as an area needing improvement
  - APS received a “Noteworthy Item” for safety as the APS escort reminded the team about building safety when the audit team came to visit
  - Next audits May 2011 and November 2011
- Development of scientific cases for the proposed new and enhanced beamlines
  - Lead authors have been identified for all the cases
  - Now developing a list of contributing authors for help with developing the cases and hoping to finalize that by the beginning of next week.
  - First drafts due January 17, 2011 and final drafts due February 7, 2011
  - Cases will be reviewed by the APS SAC (and other invited reviewers) March 7 and 8, 2011.



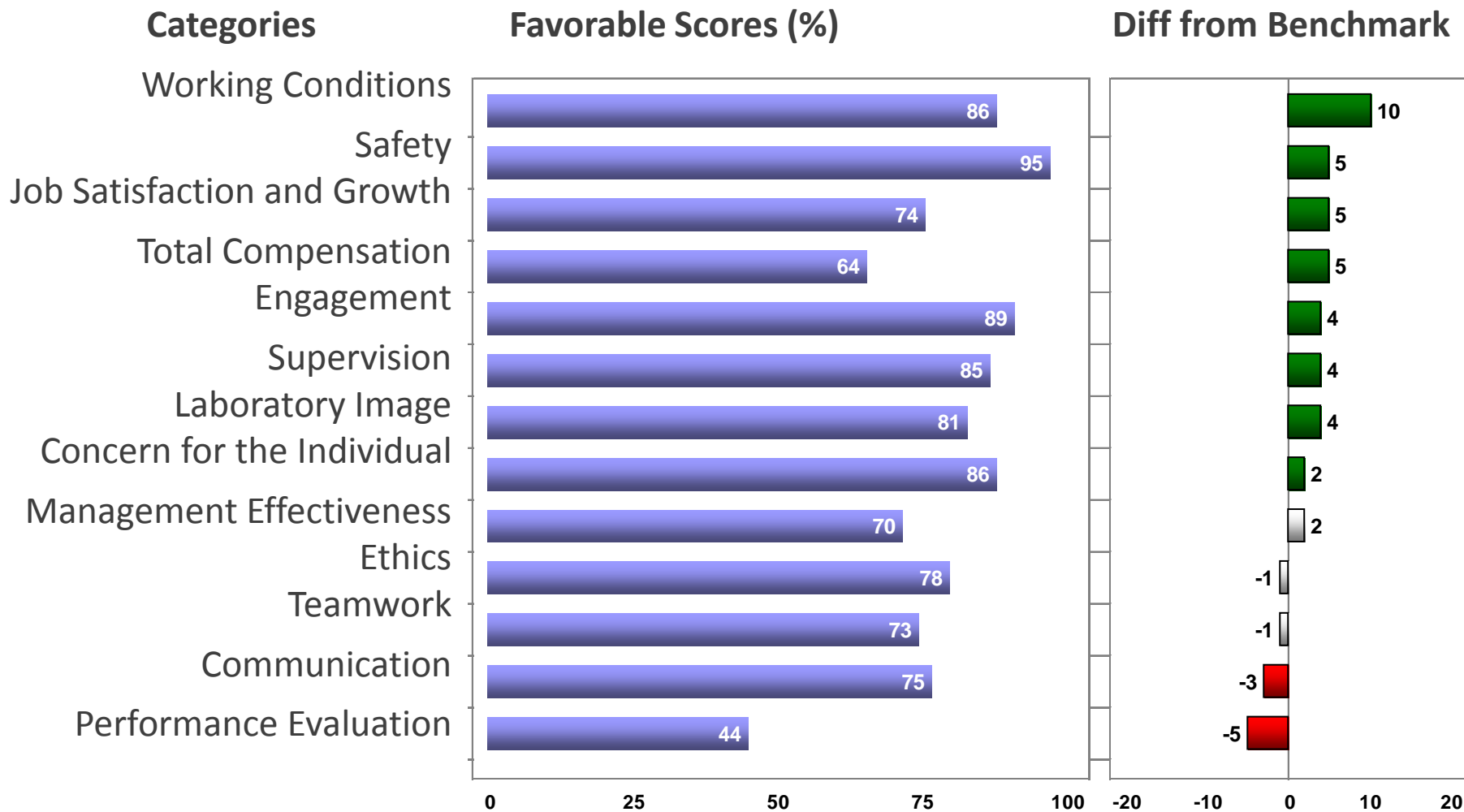
# 2010 ANL Employee Survey Results

- Carried out by an independent company – Towers Watson
- Survey was available to employees from September 7 to 17, 2010
  - 1859 employees filled out the survey
- Division Directors will discuss with Divisional staff.
  - Identify strengths and opportunities for improvements
  - Develop action plans addressing improvement opportunities by December 15, 2010.
- ANL HR planning to create an *Employee Engagement Survey Review Committee*
  - Composed of reps from ALD areas, OPS, OTD, etc., it will:
    - Develop plans to better coordinate communications to Lab employees
    - Develop a lab-wide plan (based in part on Divisional responses)



# Overview of Survey Results

## ANL vs. Towers Watson U.S. R&D\* Department Norm



\*DOE, Loyola University, University of Notre Dame, West Ed, etc.

*Red / Green Difference Bars are statistically significant*



## Pacesetter: Steve Hanuska and Yifei Jaski (AES)



Awarded for their extraordinary effort and success in administering the AES ARRA project to build three new canted undulator front ends and the associated straight sections.



# Pacesetter: Ray Monroe, Wendy VanWingeren, Patti Pedergrana, Dean Wyncott, Cindy Chaffee and Bruno Fieramosca (AES)



In recognition of the extra effort applied to the coverage of user operations and the excellence of the Floor Coordinator oversight role in the APS user safety program which surpassed normal job expectations.

# Pacesetter: Tom Meier, Stan Reinke, Byron Jordon Ted Grodecki (ASD) and John Wozniak (TSD)



Previous lifting process.



Newly designed lifting bracket.



Lifting of storage ring power converters.

Awarded for innovative development of a lifting device to improve work safety and extraordinary effort and significant improvement to workplace safety.

# Pacesetter: Anne Boron and Van Nguyen (AES)

Put forth extraordinary effort to implement an upgrade to the APS Personnel Safety Systems (PSS) that has reduced beamline downtime and addressed several compliance issues. Awarded for teamwork and efforts in facilitating the expeditious propagation of the system upgrades to all of the APS PSS.



## Pacesetter: Mike Fagan (AES)



Created an extremely detailed and easily understood requirements specification for the Personnel Safety Systems at the APS. Additionally, he has programmed a new validation system that will reduce beamline validation times by 66%. Awarded for extraordinary efforts in facilitating the creation of the systems requirement document and the expeditious creation of the new validation system.