Department of Energy Integrated Safety Management Workshop

Fluor Hanford’s Approach to Integrated Safety Management – Worker Engagement 1996 - 2009

Larry Arnold
Goal = .55 OSHA Recordable Rate
Formula for Success = Integration + Accountability + Metrics

Flow down of requirements

Workforce and subcontractors

Outreach & Awareness Series to Advance DOE Mission

Office of Health, Safety and Security (ISS)
U.S. Department of Energy
May 2009
Keys to Successful Worker Involvement

- Corporate Governance - Strategic Goals
- Senior-level management commitment
- Worker acceptance at all levels
- Worker participation in setting safety goals and objectives
- Worker Recognition Award Program
- Daily reminders and steady visibility
Worker Engagement Tools

- Automatic Jobs Hazards Analysis
- Work Package Planning
- Presidents’ Zero Accident Council
- Safety Bulletins for Safety Topics
- Voluntarily Protection Program and Human Performance Improvement
- Community Announcements
Union Safety Rep Program

• Partnering culture between union and management
• Fewer safety and health-related concerns
• More than 50 active Safety Councils
• Fewer grievances
• Increased worker ownership of safety
Site-Wide Feedback Mechanisms

Feedback Mechanisms

- Executive Project Manager's Safety Meeting
- Project Self Assessments
- Safety First Work Groups

Feedback

- Safety
- Performance Indicators
- Lessons
- Learned
- Issue
- Resolution

EM Environmental Management

Fluor Hanford
Three Phases of Worker Involvement

• Discovery
• Implementation
• Sustainable Oversight and Improvement
Community Impact / Involvement

- Safety and Health EXPO
  - 62,000 visitors in two days
- Voluntary Protection Program
- United Way
  - Highest local contributor
- Junior Achievement – Bowling
**12-YEAR RESULT**

**OSHA Recordable Cases / 200,000 Hours**

- **Fluor Hanford Case rate**
- **DOE Complex**

Start of Fluor Hanford:
- FY 96: 5.37
- FY 97: 3.82
- FY 98: 3.42
- FY 99: 3.27
- FY 00: 2.70
- FY 01: 2.52
- FY 02: 2.47
- FY 03: 2.16
- FY 04: 1.88
- FY 05: 1.65
- FY 06: 1.63
- FY 07: 1.71
- FY 08: 1.41

End of Fluor Hanford:
- FY 08: 0.83
Success Brings Good Results

National Safety Council Names Fluor Hanford Category 1 2008 Robert W. Campbell Award
Worldwide and Locally

The International Award

is supported by a network of 22 Global Partners across five continents and
founded on the belief that EHS is intrinsic to business excellence and sustainability.

Award Recipients

Fluor Hanford – 2008
(Category I)

Gulf Petrochemical Industries Company - 2008
(Category II)

The Bahrain Petroleum Company – 2007

Alcan Inc. - 2006

DynMcDermott Petroleum Operations - 2006

Johnson & Johnson – 2005

Noble Corporation – 2004
Conclusion - Five Key Points To Share

• Involve all levels of the workforce within your company
• Active senior management participation
• Publish metrics everyone will understand
• Embrace a 24/7 culture
• Embed your ISMS program in your local community