

CAMPBELL INSTITUTE

A transformative force in EHS

CONTACT INFORMATION

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Campbell Award Success Story

Fluor Hanford Case Study

RWC CAMPBELL A W A R D.

National Safety Council

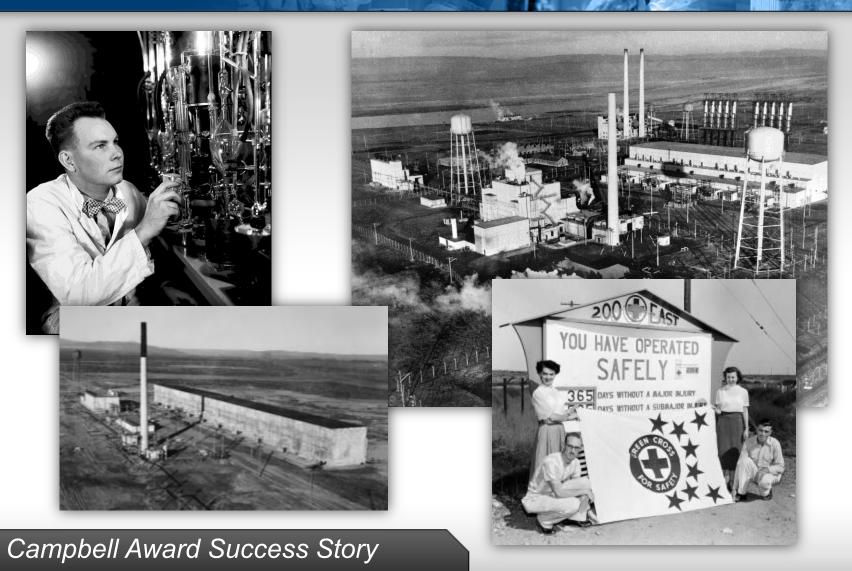




Where Is Hanford?



Hanford History



Hanford History



Hanford Cleanup Challenge









- 1,700 waste sites
- 500 contaminated facilities
- 53 million gallons of tank waste
- 2,300 tons of spent nuclear fuel
- 20 tons of plutonium material
- 80 square miles of contaminated groundwater

Where We Are in the Cleanup





Safety



nvironment, lanagement

ESTABLISH
ES&H POLICY

DEFINE WORKSCOPE

EMS

ISMS



MANAGEMENT REVIEW







Mission – Business Profile



Mission – Business Profile







Waste Stabilization





Waste Shipment





D&D





Contaminated Groundwater





Utilities & Infrastructure





Security





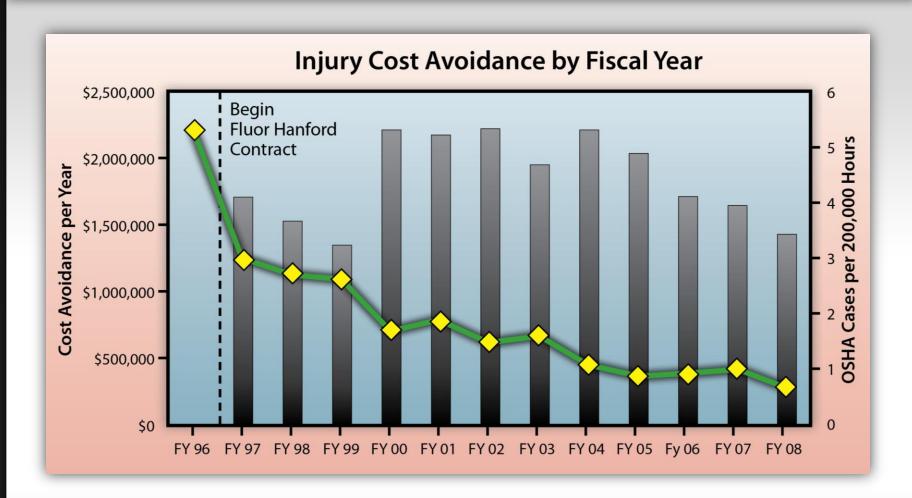
Fire Department





Training

ESH Cost Avoidance Adds to Business



SH&E Supports Milestone Completion

Flour Hanford OSHA Recordable Cases per 200,000 Hours and Protecting the Columbia River



Integrated ESH Management System



Employee Partnership

- Union Rep Safety Program
- Safety Councils
- HAMMER / Worker Trainers
- Voluntary Protection Program
- Safety Culture 24/7

Union Safety Rep Program

Union Safety Representatives



Union Safety Rep Program

Benefits of Union Safety Representatives

- Fewer safety and health-related concerns
- More worker involvement
- Fewer grievances
- Increased ownership of safety
- Partnering culture between union and management







Safety Councils

Presidents' Zero Accident Council

- Safety decisions and information are made and communicated up and down the chain
- Management and employees equally represented
- Structured with a company-level council that represents 50 project/organization councils







Voluntary Protection Program

- Fluor Hanford has earned nine DOE-VPP Star site designations
- Strengthened management / employee partnerships
- Provides mentoring/benchmarking opportunities





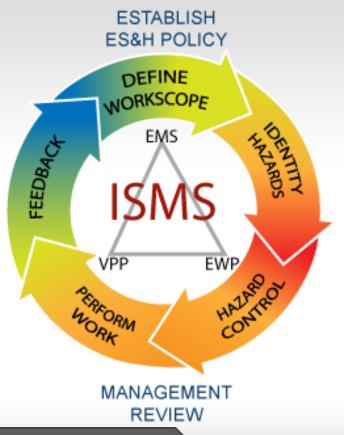
Integrated SH&E Management System

Business Systems

- Integrated Safety Management System foundation for all we do
- Work management team approach
- AJHA National Awards
- Training methods and facility world class
- As-Low-As-Reasonably-Achievable (ALARA) Center
- Metrics

ISMS - Foundation for All We Do

Integrated Environment, Safety and Health Management System

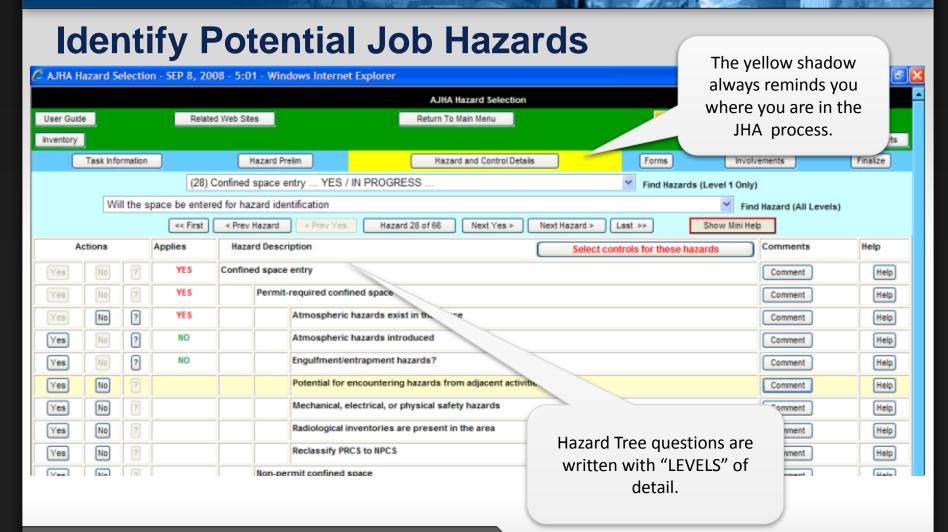


Automated Job Hazard Analysis – National Awards

- Creates a "team" approach
- ESH involvement up front
- Technically based selection of hazard controls
- Reduces planning and execution time
- Consistency in the hazardsanalysis process



AJHA – National Awards

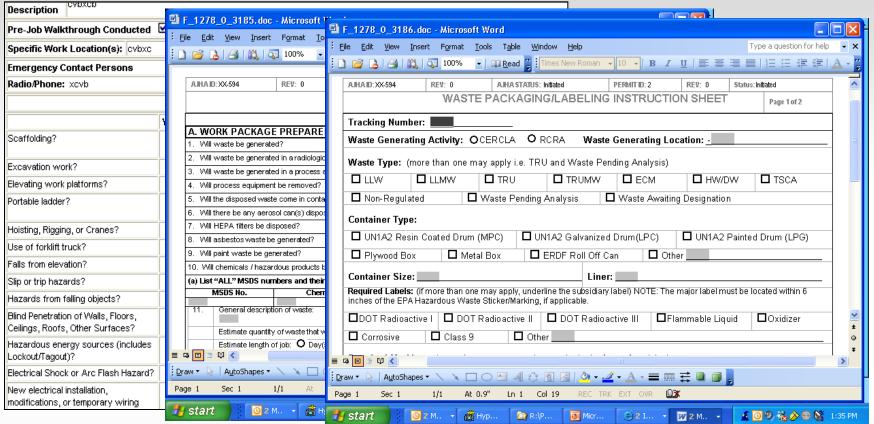




AJHA – National Awards

Printed Reports

Waste Planning Checklist Waste Packaging Instructions Hazards and Controls





Volpentest HAMMER Training & Education Center

World-Class Training Methods and Facility



ALARA Center

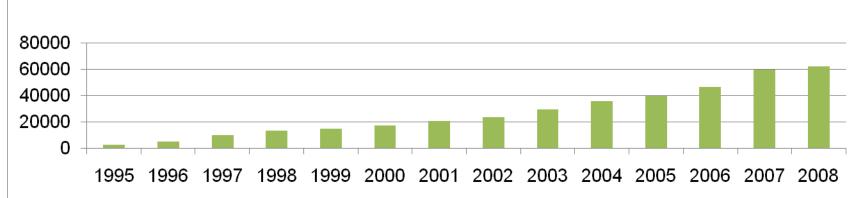
Where Workers and Planners Meet



Community Impact / Involvement

- Safety and Health EXPO
 - 62,000 visitors in two days
- VPP Mentoring
- United Way
 - Highest local contributor
- Junior Achievement Bowling







SH&E Stewardship

Innovation led to cost savings and reduced employee exposure

- Open-Air Demolition
 - 233-S removal (Plutonium)
- Open-Air Demolition
 - 105KE Transite removal
- U-Plant rubbilizing and entombing versus material removal and burial





Triple Bottom Line Effect

Fluor Hanford

- Ranked among the safest companies in the industry in which we work
- Additional work is being completed due to ESH efficiencies and injury reduction
- Earned reputation of timely milestone completion and effective stewardship of taxpayer money
- Performance key to winning new contracts
- ✓ Productivity
- Environment
- ✓ Sustainability



On-Site Review Results

Reflected our business values



Safety
Integrity
Teamwork
Excellence

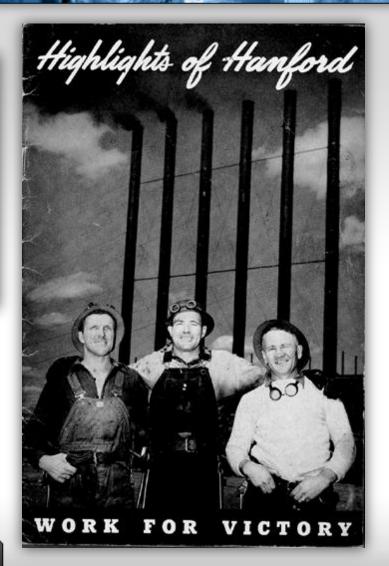


Questions and Answers

From yesterday







Questions and Answers

To today





