

Project W-087 Resource Optimization

Project
Controls

FLUOR DANIEL NORTHWEST 

Background

- ❖ Scope
- ❖ Challenges
- ❖ Results
 - ◆ Cost and Schedule
 - ◆ Innovations
 - ◆ Project of the Year
 - ◆ Customer Satisfaction
 - ◆ The Root Cause

FLUOR DANIEL NORTHWEST 

Background

- ❖ Scope
- ❖ Challenges
- ❖ Results
 - ◆ Cost and Schedule
 - ◆ Innovations
 - ◆ Project of the Year
 - ◆ Customer Satisfaction
 - ◆ The Root Cause

FLUOR DANIEL NORTHWEST 

Total Quality Improvement

- ❖ Formation of Employees to Identify Problems
- ❖ Analyze Barriers to Project Performance

- ❖ Aggressive Funds Stewardship
- ❖ Innovative Field Techniques
- ❖ Practical Achievements to Mitigate Worker Risk

FLUOR DANIEL NORTHWEST 

New Approach

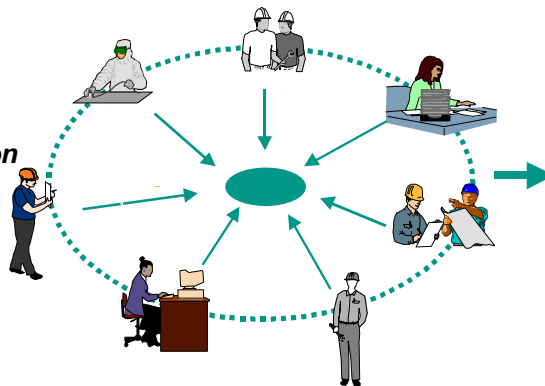
- ❖ Management Involvement
 - ◆ Establish Expectations and goals
 - ◆ Set Priorities
 - ◆ Monitor Execution
 - ◆ Resolve Conflicts
- ❖ Teamwork
- ❖ Worker Involvement
 - ◆ Identify Initiatives to Improve Safety
 - ◆ Identify and Control Hazards
 - ◆ Improve Productivity

FLUOR DANIEL NORTHWEST 

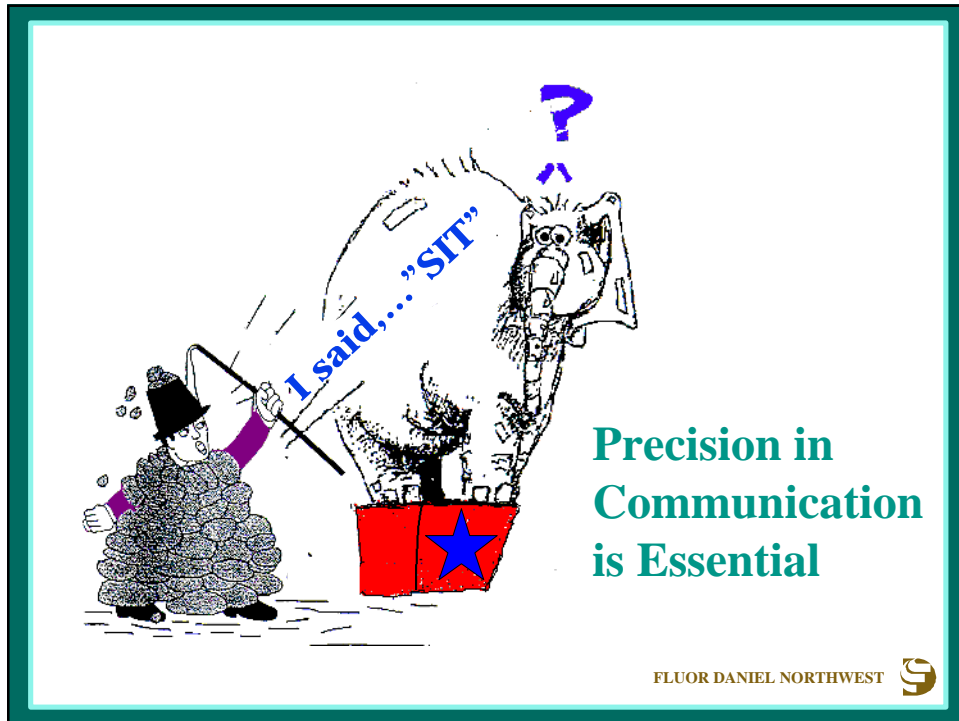
Teams



A collection of independent specialists who cooperate to achieve a common goal



FLUOR DANIEL NORTHWEST 



Where does it start:

❖ Communications

- ◆ Commitment
- ◆ Scope
- ◆ Cost and Schedule
- ◆ Roles and Responsibilities
- ◆ Expectations
- ◆ Worker Involvement
- ◆ Look at what is going right and wrong ...often!

“Without involvement, there can be no commitment”



FLUOR DANIEL NORTHWEST 

Project W-087 Roles & Responsibilities Team Members

- ◆ Represent your Organization and Provide Expertise during Planning Sessions
- ◆ Communicate Plan Details to Appropriate Individuals in your Organization
- ◆ Recognize Team and Individual Successes and Accomplishments
- ◆ Identify Potential Hazards,
 - ▲ Safety issues
 - ▲ Facility prerequisites and Constraints
 - ▲ Activity duration during Construction Planning

FLUOR DANIEL NORTHWEST 

Team Process



Roles That Cannot Be Ignored...

❖Prophet of Doom

- ◆Consistently points out roadblocks but not interested in helping move them

❖Shark

- ◆Attacks people, not problems

❖Wet Blanket

- ◆Repeatedly douses the sparks of creativity

❖Axe-Grinder

- ◆Presses single issue ad nauseam

❖Soapbox Speaker

- ◆Makes speeches on already agreed upon subjects/issues

❖Turf Warrior

- ◆Defends sacred ground

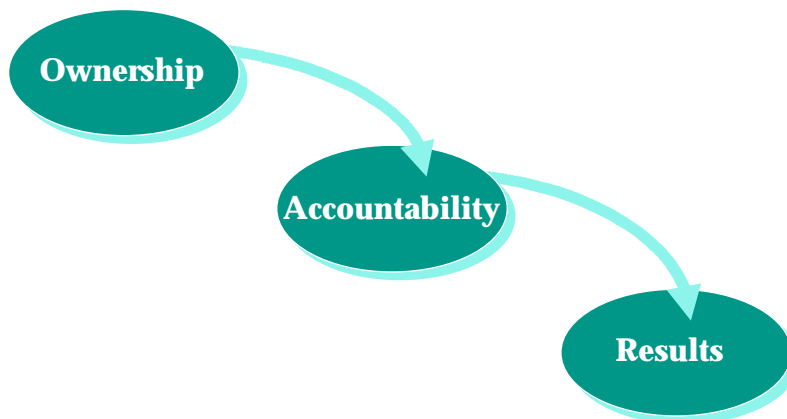
❖Tree Trimmer

- ◆Wants to be buried in detail – can't see the forest, focused only on trees

FLUOR DANIEL NORTHWEST

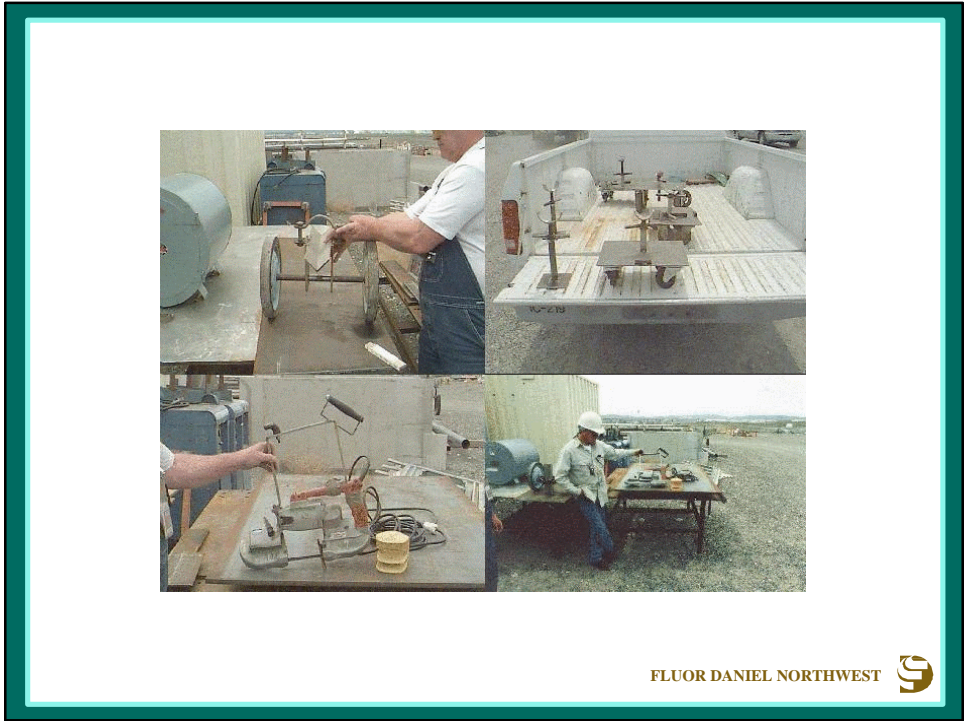
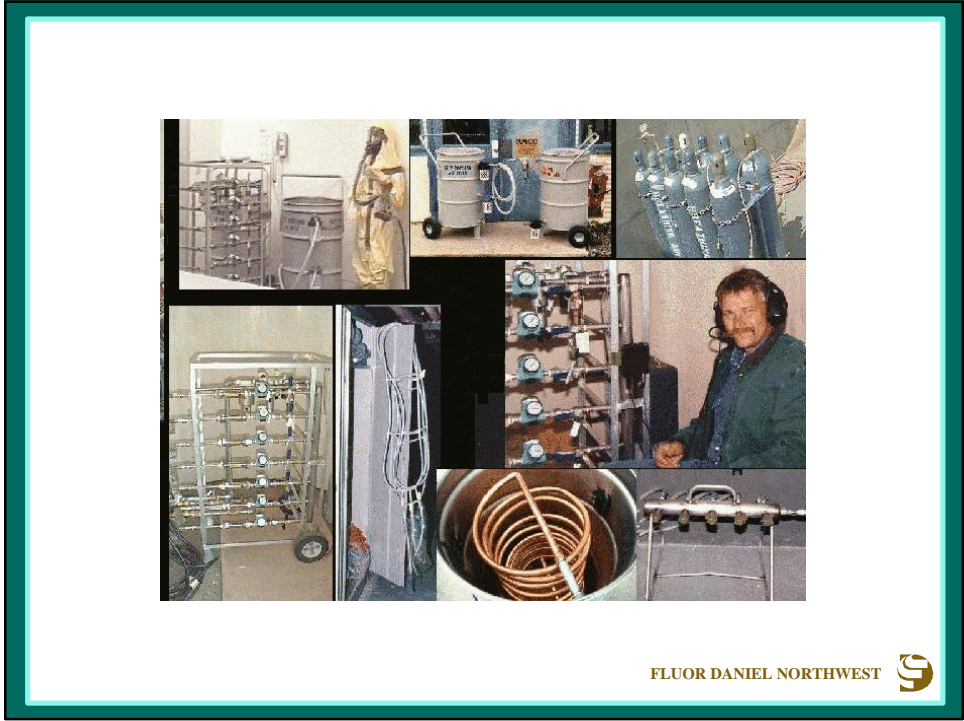


Where does it lead?



FLUOR DANIEL NORTHWEST





There were RESULTS:

- ❖ Cost and Schedule
- ❖ Innovations
- ❖ Customer / Worker Satisfaction

FLUOR DANIEL NORTHWEST

A black and white graphic of a globe with latitude and longitude lines, showing the continents of North and South America.

OPPORTUNITY
IS NOWHERE

FLUOR DANIEL NORTHWEST



These Lessons Learned have Potential Sitewide Application

- ❖ Management support and facility ownership are essential
- ❖ The Integrated Project Team works
 - ❖ Leads provide expertise and continuity
- ❖ Teamwork = Success
- ❖ Worker Involvement Leads to Ownership, Accountability, and Results

FLUOR DANIEL NORTHWEST



Key to a Successful Project...

- ❖ Build an Integrated Project Team
- ❖ Optimize all of your Resources

Develop a Logo

PROJECT W-087
"Teamwork = Success"



FLUOR DANIEL NORTHWEST

