Project
Hanford PHMC

Doug Broz
May 26, 1999
Presented to the Northwest Construction Consumer Council
Challenges

- Y2K problem unprecedented with world-wide implication
- Integrating multiple companies
- Evolving guidance
- Defining scope and strategy
- Completion criteria
Project Management and Y2K

- Scope Management
- Time Management
- Cost Management
- Quality Management
- Project Integration
Project Integration

~ 400 people were involved

Major Subcontractors:
- Lockheed Martin Hanford Company
- Waste Management Hanford
- Numatec Hanford Corporation
- B&W Hanford Company
- Duke Engineering Services Hanford
- DynCorp Tri-Cities Services, Inc.
- Protection Technologies Hanford

Subcontractors:
- FDH
- LMSI
- TRW
- FDNW
- ETI

Year 2000 Project Office
Fluor Daniel Hanford
DOE RL
Hanford Y2K Approach

1. Raise Awareness
2. Inventory Assessment
3. Renovation Validation
4. Implementation Compliance Assurance
5. Independent Verification & Validation

Contingency Plans
Scope Management

| DOE-RL Projects | 23 |
| PHMC Projects   | 194 |
| FDH             | 90 |
| WMH             | 18 |
| DESH            | 9  |
| NHC             | 6  |
| LMHC            | 26 |
| BWHC            | 27 |
| DynCorp         | 18 |

217 Year 2000 PROJECTS

- Applications Projects (187)
- Infrastructure Projects (24)
- Equipment Projects (6)
Quality/Risk Management

<table>
<thead>
<tr>
<th>Input</th>
<th>3 Step Process</th>
<th>Output</th>
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</thead>
<tbody>
<tr>
<td>Risk Level</td>
<td>Disposition Method</td>
<td>Compliance Assurance Requirements</td>
</tr>
<tr>
<td>High</td>
<td>Deactivate</td>
<td>Complete</td>
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<tr>
<td>Medium</td>
<td>Repair</td>
<td>Limited</td>
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<tr>
<td>Low</td>
<td>Indicated</td>
<td>Minimal</td>
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<tr>
<td>Compliant</td>
<td>Replace</td>
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<tr>
<td>Contingency Planning</td>
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</tbody>
</table>

Recommended Risk Level
Failure Impact

Deactivate
Repair
Indicated
Compliant
Replace
Contingency Planning

Year 2000 Documentation
Year 2000 “Witness” Testing
Compliance Assurance Checklist
Compliance Certification Document

Compliance Assurance Report
All statements on this Year 2000 website relating to Year 2000 processing capabilities and compliance are designated a "Year 2000 Readiness Disclosure" in accordance with the Year 2000 Information and Readiness Disclosure Act.
PHMC Year 2000 Project Status Report

Year 2000 Project Name: FDH-EPDS
Year 2000 Project Description: Environmental Planning Data System
Disposition: Replace
Replacement System: IPARS
Compliance Assurance Risk Level: Low
Person Responsible for Status Report: WATTS, ANDREW J
Person Responsible for Status Report (HID): 0077828
Last Updated: 3/30/99

To Change Project Identification Information, send email to Vic Forney

<table>
<thead>
<tr>
<th>Status Activity</th>
<th>Planned Completion Date</th>
<th>Actual Completion</th>
<th>Actual Date</th>
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<td>7/3/98</td>
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<td>Renovation</td>
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<td>3/14/98</td>
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<td>Compliance Certification</td>
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<td>Implementation</td>
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<td>3/11/99</td>
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<tr>
<td>Compliance Assurance</td>
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<td>150 LMHC-Equipment</td>
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</table>

- On schedule for date in block
- At risk - Within 30 days and less than 50% complete for date in block
- Missed planning date for date in block
- Completed
- DOE-HQ reported project
- Missed OMB milestone
Validation/Completion

START

Y2K Project Office

1. Sends notification of Y2K Projects available for reviewed

Y2K Project Office

2. Notifies AMs of Y2K Projects to be reviewed and validated

DOE-RL AMs

3. Concur with Y2K Project Phase Status

DOE-RL Y2K POC and AMs

4. Notifies Company Y2K POC of Projects to be reviewed and those to be validated

Company Y2K POC and AMs

5. Notifies appropriate individual to attend Project validation meeting

Y2K Project Office

6. Business Owner
   Project Lead
   Technical Expert

Meeting to Review and Validate Y2K Project Phase Status

7. Sign off on Y2K Project Phase Status and Y2K Database

Y2K Project Office

8. Sign off on Y2K Project Phase Status

Company Y2K POC and AMs

9. Update Phase Status and Y2K Database

Y2K Project Office

10. Update Y2K Project Status Documentation with DOE-RL Validation

Company Y2K POC and AMs
• 217 Projects
• Desktop Software (1,400 --> ~100)
• Information System Cleanup
• ERP - Handi 2000
• Ownership
• Performance Agreements
  – ‘98 PA Exceeded
  – ‘99 PA Exceeded
  – ‘99 PEP Exceeded
Keys to Success

- Managed as a Project (cost, schedule and performance baseline management)
- Participants took ownership of the project
- Open, frequent, timely communications
- Corporate and senior management backing
- Consistency of personnel
- Successes recognized and celebrated in group settings and timely
- Training, training, training