Status of Portfolio Risk Assessment

Eric Halpin, PE
Special Assistant for Dam Safety
HQ US Army Corps of Engineers
August 2005
Purpose

- Describe Program Management Plan for Implementing Risk and Reliability:
  - Scope of Work (Reservoir & Navigation Dams)
  - Roles & Responsibilities
  - Budget
  - Schedule
## Scope of Work

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Senior Oversight Group

Team Members:
- Eric Halpin, Leader
- Harry Kitch, HQ
- Barry Holliday, HQ
- Programs, HQ
- Bruce Murray, LRL
- Tommy Schmidt, SWD
- John Bianco, NAD
- Jeff Schaefer, LRL
- Dave Schaaf, LRL
- Jeff McClenatham, NWO
- Jerry Webb, HQ

Specific Objectives:
- Overall Planning and Oversight of Other Teams
- Annual Interpretation & Recommendations from Risk Assessments
- Strategic & Operational Guidance on:
  - Policy
  - Methods
  - DS Program Changes
  - Long Term Management & Staffing Approach
Methodology Team

- Team Members:
  - Anjana Chudgar, HQ Lead
  - USBR Representative
  - Dr. David Bowles
  - Cadre Representatives (3)
  - HQ E&C CoP Leader
  - MSC Representative
  - Wayne Jones, ERDC
  - Mike Grounds, DSPMT

- Objectives:
  - Update & Revise SPRA Tool as necessary
  - Develop PRA Tool Using USBR Method as Template
  - Provide Recommendations to Policy Team
  - Develop Site Specific Risk Assessment Tool
Team Members:
- Charles Pearre, HQ Leader
- Rob Taylor, LRD
- Milt Meyers, ERDC
- Laila Berre, NWD
- Dan Rodriguez, NAD
- Dwayne Lillard, SPA
- Duane Stagg, MVD
- Bob Fulton, SAD
- Tats Hirata, POD
- Sue Gehrt, NWK
- Brent Trauger, SAJ

Specific Objectives:
- Complete Review and Edits on SPRA ETL
- Develop ETL on PRA Methodology
- Re-Engineer USACE Dam Safety Program with Risk and Reliability Approach:
  - Periodic Inspections
  - Instrumentation
  - Training
  - Exercises
  - EAPs
Program Management Team

- **Team Members:**
  - Andy Harkness, Lead LRP
  - Charles Pearre, HQ
  - Operations CoP, HQ
  - Operations CoP, District
  - Joseph Bittner, HQ
  - Michael Jordan, SWG
  - Mark Mugler, ASA Advisor

- **Specific Objectives:**
  - Budget, Manage, and Execute Required Funding of All R&R Activities
  - Coordinate and Develop All Human Resources
  - Schedule and Coordinate All Major Program Milestones
  - Manage All Outsourced Support
  - Manage ITR and Peer Review Efforts
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<th>Activity</th>
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Program Schedule
Budget

- FY05: $1.62 M
- FY06: $ 3.55 M Requested and Being Justified/Briefed
- FY07: $ 4.3 M Being Justified/Briefed
- FY08 and Beyond: To be Determined by Program Management Team