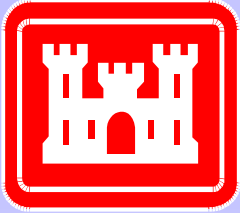


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Status of Portfolio Risk Assessment

Eric Halpin, PE

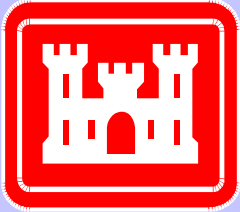
**Special Assistant for Dam Safety
HQ US Army Corps of Engineers
August 2005**



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Purpose

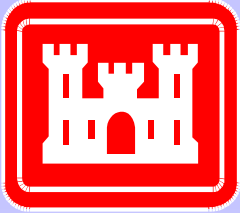
- **Describe Program Management Plan for Implementing Risk and Reliability:**
 - **Scope of Work (Reservoir & Navigation Dams)**
 - **Roles & Responsibilities**
 - **Budget**
 - **Schedule**



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Scope of Work

General Objectives	Team & Leader
Ways: Tools & Methods	Methodology Team <i>Anjana Chudgar</i>
Ways: Policy & Planning	Dam Safety Steering Committee <i>Charles Pearre</i>
Means: Human and Financial Resources	Program Management Team <i>Andy Harkness</i>
Ends: Oversight & Decisions	Senior Oversight Group <i>Eric Halpin</i>



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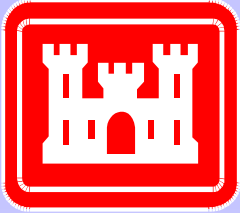
Senior Oversight Group

- **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



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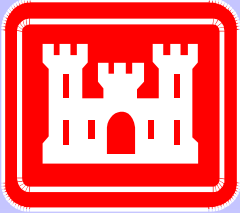
Methodology Team

- **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



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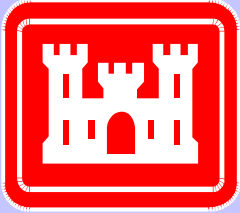
Policy & Planning Team

- **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



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Program Management Team

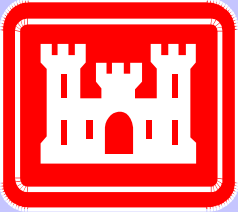
- **Team Members:**

- 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



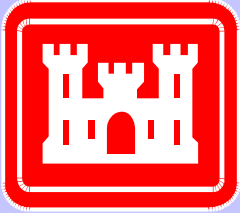
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Program Schedule

Activity	FY05	FY06	FY07	FY08	FY09	FY10
SPRA Design						
SPRA Deployment						
PRA Design						
PRA Deployment						
Site Specific RA Design						
Steady State Staff						
Policy & Program						
Oversight						

Steady State





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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**