

DKT @TWG
@ Feb 23-24

TWC
2-18-99
B Moore

**GLEN CANYON DAM ADAPTIVE MANAGEMENT PROGRAM
GUIDING DOCUMENTS**

(draft outline February 17, 1998)

ATTACH 5

1. Purpose of this document
2. Background (historical perspective from p. 12-14 GCMRC SP)
3. Authority (legal framework)
 - FACA
 - Grand Canyon Protection Act and legislative history
 - Law of the River
 - AMWG charter and mission
 - EIS
 - ROD
4. Organizational structure, role, scope, relationships, and functions (including figure II-10 from EIS)
 - Secretary of the Interior
 - Secretary's designee
 - AMWG
 - TWG
 - GCMRC, organizational home, staffing
 - IRP (NRC and SAB)
5. Responsibilities of participating organizations
 - Financial
 - Participation
 - Work within the AMP system
 - Administrative and compliance responsibilities
6. AMWG and TWG Operational procedures, voting, conflict resolution, majority/minority opinions, advancing issues to AMWG and Secretary's designee
7. Operational and geographic scope, definition of operations, decision tree to determine appropriate projects
 - Downriver focus
 - Lake Powell split
 - Powerplant
 - Other dam operations (spillways, jet tubes, monthly releases)
8. Resource Management Objectives, principle resources, target conditions, measurable criteria, evaluation of condition, appropriate actions for non-attainment

9. Preferred alternative described (the actions expected to achieve target conditions, illustrated by figure of target with crosshairs)

Releases and ramping

BHBF

BHMF

TCD, SASF

BO's

PA & HPP

10. Record of decision - requirements, process for proposing experimentation outside the rod, process for recommending revision of the rod, how does Adaptive Management adapt?

11. Information needs and their prioritization

Purpose for monitoring

Purpose for research

12. Funding

For work within AMP geographic and operational focus

For work outside of AMP geographic and operational focus

13. Budget process

14. Compliance and Consultations (including flowchart)

NEPA

NHPA

ESA

Wilderness Act

Trust responsibilities

Code of Federal Regulations

Federal agency policies (e.g., GRCA & GLCA Colorado River Mgt. Plans)

15. AMP Relationship to other Colorado River programs

LCRMSCP

Upper Basin Recovery Program

Salinity Program

CRSP Water Quality

16. AMP Relationship to other Federal and/or Adaptive Management programs

Southwest Strategy

17. APPENDICES:

AMWG OPERATIONS

FACA Overview

AMWG Member List and statement of their constituency and mission, including potential conflicts

AMWG Charter

Proposal for Renewal of AMWG Charter

AMWG Operating Procedures

Appropriations Committee language re: budget

Budget (current)

Issues papers and Scott Loveless' opinion

Other issues yet to be resolved

TWG OPERATIONS

TWG Member List

TWG Operating Procedures, Proposal to Modify OP, Ground Rules, Consensus Definition, Recommendations regarding travel payments to TWG members

Ground rules for meetings

Code of conduct

Definition of consensus

GCMRC OPERATIONS

Letter Establishing GCMRC

GCMRC Monitoring and Research Center Guidelines

Center Protocols

- RFP's and AMWG input

- Peer Review

- Administrative review (focus on priority information needs, permitting and compliance responsibilities)

- Awarding contracts, competition

- Information transfer (reports, workshops, etc.)

Annual Plan (current)

Strategic Plan (current)

LAWS, AGREEMENTS

Law of the River synopsis

Colorado River Compact, November 24, 1922

Colorado River Storage Project Act, April 11, 1956

Colorado River Basin Project Act, September 30, 1968

Long-Range Operating Criteria, 1970

Long-Range Operating Criteria, October 30, 1992

National Environmental Policy Act (Section 7 consultation)

Grand Canyon Protection Act, October 30, 1992 and Legislative History

National Historic Preservation Act (Sections 106 and 110)

Programmatic Agreement on Cultural Resources, August 30, 1994

Historic Preservation Plan

Endangered Species Act

36 CFR 2.5 (research and specimen collection in National Park Service areas)

Record of Decision, Glen Canyon Dam Final Environmental Impact Statement. 10/25/96

BOR-WAPA Operating Agreement

Biological Opinions

Final GCD EIS (included by reference)

GLEN CANYON DAM OPERATING CRITERIA

Operating Criteria for Glen Canyon Dam In Accordance with the GCPA, 2/24/97

Operating Guidelines Associated with Glen Canyon Dam Operating Criteria 7/7/97

Operating Criteria and other Operating Parameters (C. Palmer 7/97)

Annual Operating Plans

AMP REPORTS AND RECOMMENDATIONS:

TWG Position Paper - Glen Canyon Dam Spillway Gate Extensions

Integration of Programatic Agreement with AMP, Federal/Tribal Trust Responsibilities

BHBF Triggering Criteria

Spill avoidance

Glen Canyon Dam release issues recommended for further study, and GCMRC reply

Report of the NEPA/ESA Issues Subgroup

Recommendations to the TWG for expediting environmental compliance and improving coordination on Biological Opinion Issues

Letter to Secretary Babbit from non-federal members

Management Objectives (current)

Information Needs (current)

Resource Criteria (current)

Report to Congress (current)

State of Natural and Cultural Resources in the Colorado River Ecosystem (current)

Lake Powell Assessment

BHBF Flow alternatives