GLEN CANYON DAM ADAPTIVE MANAGEMENT PROGRAM
TECHNICAL WORKGROUP RECOMMENDATION

MAJORITY OPINION

SEPARATION OF RESPONSIBILITIES AND FUNDING FOR LAKE POWELL RESEARCH AND MONITORING

January 1999

Explanation of Change/Approach:

The following approach for identifying, developing, funding and conducting monitoring and research projects above Glen Canyon Dam (GCD) reflects:

1. The mandate within the Grand Canyon Protection Act that the Adaptive Management Program (AMP) focus on effects of Secretarial actions on the Colorado River ecosystem downstream of GCD; and

2. The desire by the Adaptive Management Workgroup to focus GCMRC research and monitoring efforts on those actions taken by the DOI Secretary that affect downstream resources; and

3. Full utilization of alternative funding sources to support research and monitoring programs conducted upstream of Glen Canyon Dam

All scientific activities related to Lake Powell would fit into one of the following categories with the specified funding sources:

<u>WHITE AREAS:</u> Those AMWG MO/INs that relate to downstream (below GCD) effects and conducted downstream of GCD:

- Funded by the AMP Budget
- Scope of work reviewed and approved by AMWG/TWG
- Includes all appropriate MO's and IN's
- GCMRC protocols apply (peer review, etc.)
- Accomplished by GCMRC and/or its contractors
- GCMRC will determine its capabilities to accomplish the work within funding personnel and other constraints

<u>GRAY AREAS:</u> Those AMWG MO/INs that relate to downstream effects, but conducted upstream of the dam:

- Part of the AMP and uses AMP procedures
- Funded by the Reclamation O&M budget or other sources
- Scope of work developed by GCMRC, and coordinated with USBR and the members of the Lake Powell Group
- GCMRC protocols apply with PEP review before submission to AMWG/TWG
- Submitted to AMWG/TWG for review and recommended adoption
- Accomplished by GCMRC and/or its contractors

<u>BLACK AREAS:</u> Those AMWG MO/INs not directly related to downstream effects, conducted upstream of the dam:

- Funded by Reclamation, members of the Lake Powell Group, or other sources
- Not part of AMP
- MO's and IN's are retained in a non-program information-desired category
- GCMRC protocols may not apply, but data collection should be consistent for sharing of results
- Accomplished by USBR, members of the Lake Powell Group, or others
- Results will be shared with GCMRC and AMWG