

## Process to get to a March 22 mailing to AMWG

- Purposes were agreed upon by TWG, 2/26-27/02
  - Includes working hypotheses and objectives
- The basic concepts of the GCMRC Version 1.2 experimental design were supported by TWG 2/27/02 (pending tradeoff analyses)
- GCMRC will revise the experimental design by 3/15/02, including an outline of needed research and will e-mail, FAX, FEDEX to the TWG
- A conference call with the TWG will be held on 3/20/02 for final consideration
- GCMRC will revise the experimental design based on the comments received and mail to AMWG 3/22/02

## Things to Address in Version 2.0

- Need to conduct an economic analysis of the costs & benefits to power customers of the various elements of the proposed hydrograph.
- Evaluate Shifting No Action flows to start later in the year to address concerns of Lees Ferry guides
- Evaluate low fluctuations in Oct-Dec vs. steady flows for sediment retention and providing some benefit to hydropower
- Evaluate the ability to curtail the duration of the BHBF based on real time data collection

## Things to Address in Version 2.0 (cont.)

- Consider a step down hydrograph to create benches above Power Plant Capacity
- Address how recommendation will interact with AOP process
- Discuss how experiment falls within the ROD????
- Have a section that discusses the compliance that needs to be conducted, who will take the lead and when it needs to start
- Discuss the need for a public outreach plan so people understand the purpose of the experiment and when it will occur.

## Things to Address in Version 2.0 (cont.)

- Model what the optimal BHBF would look like (Magnitude and duration) in terms of maximizing storage and reducing loss of sediment through downstream transport
- Provide an estimate of how much water will by-pass the powerplant during the proposed BHBF
- Evaluate whether or not short duration HMFs (4hrs) in the July-Dec period are an alternative to steady low flows or low fluctuating flows for retaining sediment.
- Evaluate the loss of release volumes and peaking power in in December from going to steady flows or low fluctuating flows
- Address possible risks and unintended consequences, (e.g. fewer but larger, more predaceous non-natives)

## Process (Post AMWG)

- AMWG will make a Recommendation to the Secretary regarding a proposed experiment in April
- The AMP will need to consult with the AOP Process during the AOP May & June mtgs.
- GCMRC will flesh-out needed additional research & monitoring elements in response to the AMWG proposed action
- GCMRC will present the final research design and funding needs to the July AMWG
- Initiate the experiment

## The PLEA!!!!

- Provide input on how the final document should be presented, (i.e. keep Q & As?, multiple hydrographs?, include water delivery)
- Help GCMRC anticipate all of the questions the AMWG will ask about the proposed experimental flows.
- Great input so far-please keep it up!
- Don't propose or run a compromised experiment, the experiment needs to have the power to test what is being proposed.