

**CALFED TECHNICAL MEETING  
JULY 16, 1998  
SACRAMENTO, CA**

**DELTA FISH FACILITIES TECHNICAL TEAM**

Questions to be addressed:

- South Delta - The "Policy Team" would like to consider the merits of a first step in the south Delta. Such a step might be a first stage of an Alternative 1, or Alternative 2. However, it should not preclude moving to Alternative 3.

1) How would we stage the construction of a new south Delta and fish screen complex?

2) Is it feasible to start constructing a 3,000 to 7,000 cfs fish screen in the south Delta, starting in 1999?

- Do we know enough about the engineering and biological constraints to start design next year?

- What is the information we need to build screens (data, research, etc . . . )?

- How would we maximize flexibility, given that we may expand in the future?

- How do we minimize stranded costs?

3) Assume that we start design next year.

- What is the risk we assume?

- What do we do to minimize risk?

Research

Redundancy

Staging

4) Can we build a facility that allows for operations for various species and periods? Can we add the flexibility of operating under a range of hydraulic criteria (such as approach velocities ranging between 0.2 and 0.4 fps)?

North Delta - The "Policy Team" may wish to consider staging construction in the north Delta by starting with a "Hood to Mokelumne River" channel, while deferring a decision on the balance of the project until a later date. The channel should be designed to accommodate both Alternative 2 and Alternative 3 as the final stage.

- 1) How would we stage the construction of a fish screen complex in the north Delta?
- 2) How do we minimize the risk to fisheries while staging the fish facilities in the north Delta?
  - Do we know enough about the engineering and biological constraints to minimize the risk?
  - What is the information we need to build screens (data, research, etc . . . )?
  - How would we maximize flexibility, given that we may expand in the future?
  - How do we minimize stranded costs?