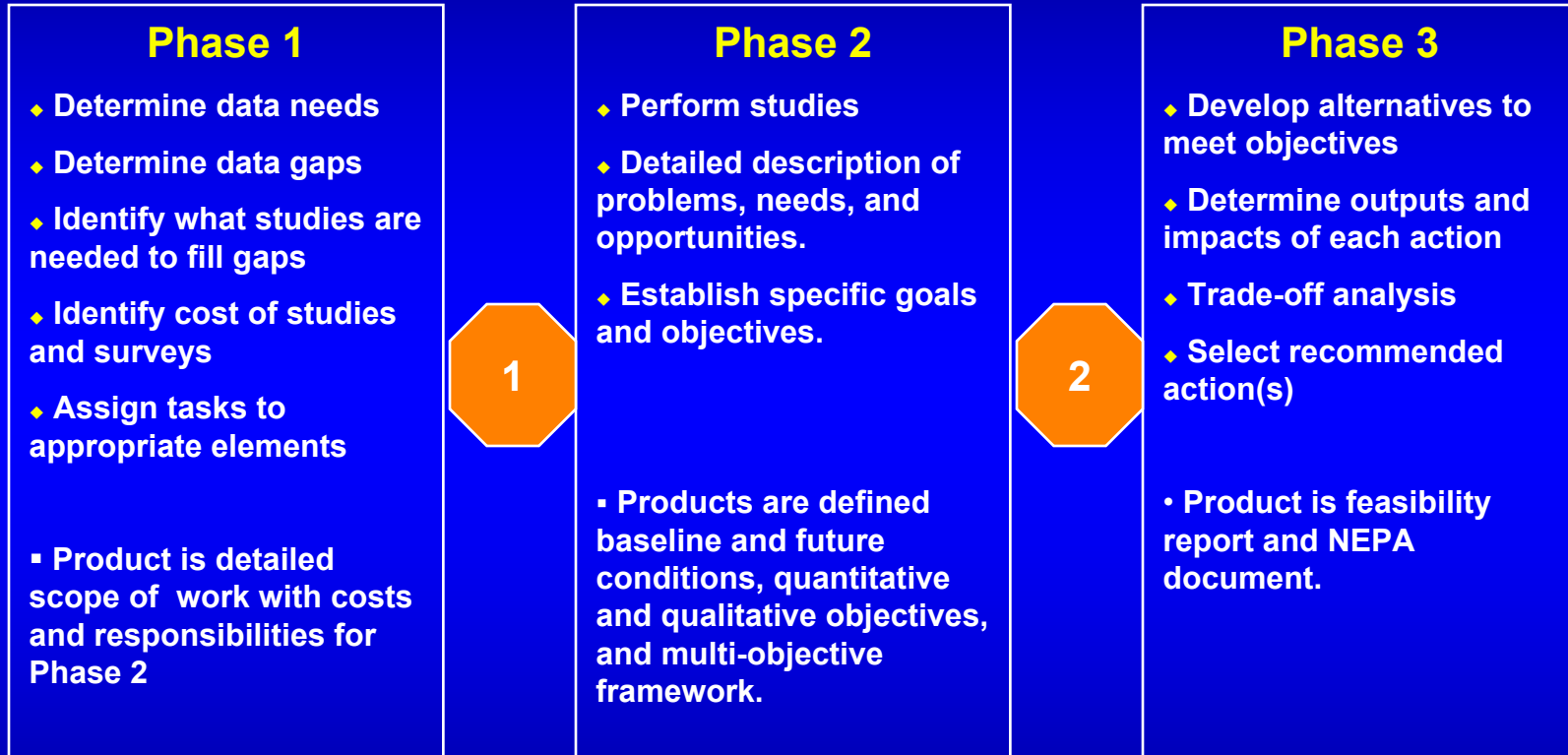


J.H. Kerr Reservoir Section 216 Study

- Initiated January, 2000
- 50/50 State-Federal cost share
- Co-Sponsors are North Carolina, Virginia and US Army Corps of Engineers (USACE)
- Overseen by 3-member Executive Committee of co-sponsors
- 10 Technical Work Teams to oversee and contract studies
- Steering Committee to advise overall work, composed of stakeholder and agency representatives

Three Phase Study Approach



1

Decision Point – what studies, surveys, etc. will be conducted in Phase 2 and assignments

2

Decision Point – what objectives will be addressed in Phase 3 and cost allocation

Technical Work Teams

1. **Downstream Flow Regime & Effects on Riparian Ecosystem**
2. **Water Quality**
3. **Sedimentation & Channel Morphology**
4. **Reservoir Resources**
5. **Downstream Flow-based Recreation**
6. **Salt Wedge**
7. **Diadromous Fish & Riverine Aquatic Resources**
8. **Water Supply**
9. **Operating Policies & Administrative Procedures**
10. **Modeling Oversight**

Schedule

**Phase II studies for all Technical Work Teams
scheduled to be completed by end of 2008,
except two to be completed by mid-2009**

3. Sedimentation & Channel Morphology

9. Operating Policies & Administrative Procedures

**Phase III (developing and evaluating recommended
alternative operation) scheduled to be completed
during 2011**

Re-focusing of Study

Concerns about funding and time to complete the study caused the Executive Committee of co-sponsors to revise the study plan in December of 2005.

Three work areas were removed from Phase II. Instead these concerns will be addressed when recommendations are developed during Phase III. Any changes recommended in project operations will be reviewed to determine if they affect these three issues.

4. Reservoir Resources
5. Downstream Flow-based Recreation
6. Salt Wedge

These three issues are either not central to the purpose of this 216 study, or the likely effects of study recommendations on these issues is anticipated to be minor.

Task 8 – Water Supply

In December, 2005 the Executive Committee of co-sponsors made the following determination regarding water supply issues:

- Good planning is needed before new proposals for water allocations from Kerr Reservoir are considered.
- Virginia is undertaking a study of long-range state water supplies, which will be completed within five years.
- North Carolina is addressing this same long-range water supply planning issue on a river basin basis and will be completing its work on the Roanoke at about the same time.

Task 8 – Water Supply cont'd

- North Carolina and Virginia want to complete their state planning processes before new long-range decisions are addressed about allocations of water from the reservoir. Making first come, first served water allocation decisions without a good understanding of long-range needs should be avoided.
- Therefore, this 216 study will **NOT** address the distribution of the water supply storage within J.H. Kerr reservoir.

Questions?