Lake Success

Lake Success Timeline

June 20, 2003	Lake Success Enlargement Project Groundbreaking. Increase in storage from 82,000 to 110,000 acre feet.
October 24, 2003	Corps announces seismic concern and anticipates remediation alternative in May 2004.
September 10, 2004	Corps imposes interim storage limitations, and announces preferred seismic remediation alternative.
September 27, 2005	Timeline announced: Begin first phases of construction in FY 2007.
Fall 2008	Timelines continue to slip: Project contract award date now August 2011.
January 22, 2009	Remediation on hold due to new Risk Assessment protocol. Preferred remediation alternative now uncertain.
October 2011	No schedule for remediation. Corps reports new ranking of dam safety priorities.
December 13, 2011	Overall risk may be at acceptable level without major construction of new embankment; seismic risk at acceptable level; seepage greatest risk.
February 16, 2012	Baseline Risk Assessment (BSA) to be complete in September 2012.
October 11, 2012	Probable Maximum Flood (PMF) risk with 11,000 year event creating overtopping of .5 feet.
January 23/24, 2013	Seismic and seepage below actionable levels for tolerable risk and no modification of the dam is required. Senior Oversight Group (SOG) to make DSAC rating in 2013.
July 15, 2013	Draft BSA to be reviewed by SOG at October 29/30, 2013 meeting. Overtopping needs to be addressed.
September 9, 2013	BSA to be delayed due to major edits. New schedule is January 27/28, 2014.
October 16, 2013	BSA to be delayed due to substantial comments by Risk Estimate Team. New schedule is May 2014.
Current	BSA delayed. New schedule is July 2014.

Tulare County



Request:

That there be no additional delays in the Baseline Risk Assessment report process; that the dam is issued a DSAC IV rating ; or that, should a DSAC III rating be issued, a clearly identified process for moving forward with simultaneously widening the spillway (to achieve a DSAC IV) and enlarging the reservoir be developed immediately.



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Success Dam Reservoir Historic Water Levels (2003-2013)

Authorized Gross Pool (82,291 ac-ft) 80000 Restricted Pool (65,000 ac-ft) 70000 60000 Storage in Acre-Feet (ac-ft) 50000 Interim Restricted Pool (41,000 ac-ft) **Restricted Pool** (40,900 ac-ft) **Restricted Pool** 40000 (29,200 ac-ft) 1 30000 20000 10000 **Daily Storage** 0 1-Jan-04 1-Jan-03 1-Jan-05 1-Jan-06 1-Jan-08 1-Jan-12 1-Jan-07 1-Jan-09 1-Jan-10 1-Jan-11 1-Jan-13

Source:

Sacramento District Water Control Data System <u>http://www.spk-wc.usace.army.mil/</u> (Access current reservoir status, monthly reports and historical water data since 1990)

Glossary:

Acre-feet - the volume of water required to fill one acre to a depth of one foot. (Approx. 325,850 gallons)

Authorized gross pool - the maximum water storage capacity of the reservoir behind Success Dam.

Restricted pool - a limitation on reservoir water storage implemented in late 2006 by the Corps of Engineers to minimize catastrophic flood risk to the public while it studied the dam's susceptibility to overtopping and seepage.

* The Corps allows occasional short deviations above the restricted elevation to reasonably maximize the amount of water provided to water users. Inspection and monitoring programs are increased during these short time periods to ensure public safety.

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