

**Water Resources Development Act of 1999, PL 106-53-AUG.17, 1999, 113  
STAT.274-275**

Section 101. (a)(6) AMERICAN AND SACRAMENTO RIVERS, CALIFORNIA-

(A) IN GENERAL.- The Folsom Dam Modification portion of the Folsom Dam Modification Plan described in the United States Army Corps of Engineers Supplemental Information report for the American River Watershed Project, California, dated March 1996, as modified by the report entitled "Folsom Dam Modification Report, New Outlet Plan", dated March 1998, prepared by the Sacramento Area Flood Control Agency, at an estimated cost of \$150,000,000 and a Federal cost of \$97,500,000 and an estimated non-Federal cost of \$52,500,000. The Secretary shall coordinate with the Secretary of the Interior with respect to the design and construction of modifications at Folsom Dam authorized by this paragraph.

(B) REOPERATION MEASURES.- Upon completion of the improvements to Folsom Dam authorized by subparagraph (A), the variable space allocated to flood control within the Reservoir shall be reduced from the current operating range of 400,000 - 670,000 acre-feet to 400,000 - 600,000 acre-feet.

(C) MAKEUP OF WATER SHORTAGES CAUSED BY FLOOD CONTROL OPERATION.- The Secretary of the interior shall enter into, or modify, such agreements with the Sacramento Area Flood Control Agency regarding the operation of Folsom Dam and reservoir as may be necessary in order that, notwithstanding any prior agreement or provision of law, 100 percent of the water needed to make up for any water shortage caused by variable flood control operation during any year at Folsom Dam and resulting in a significant impact on recreation at Folsom Reservoir shall be replaced, to the extent the water is available for purchase, by the Secretary of the Interior.

(D) SIGNIFICANT IMPACT ON RECREATION.-For the purpose of this paragraph, a significant impact on recreation is defined as any impact that results in a lake elevation at Folsom Reservoir below 435 feet above sea level starting on May 15 and ending on September 15 of any given year.

(E) UPDATED FLOOD MANAGEMENT PLAN.- The Secretary, in cooperation with the Secretary of the Interior, shall update the flood management plan for Folsom Dam authorized by section 9159 (f)(2) of the Department of Defense Appropriations Act, 1993 (106 Stat. 1946), to reflect the operational capabilities created by the modification authorized by subparagraph (A) and improved weather forecasts based on the Advanced Hydrologic Prediction System of the National Weather Service.

(8) SOUTH SACRAMENTO COUNTY STREAMS, CALIFORNIA.- The Project for flood control, environmental restoration and recreation, South Sacramento County Streams, California: Report the Chief of Engineers dated October 6, 1998, at a total cost of \$65,500,000 with an estimated Federal Cost of \$41,200,000 and an estimated non-Federal cost of \$24,300,000.

Section 102. (a) IN GENERAL.- The Secretary shall conduct a study for each of the following projects and, if the Secretary determines that a project is feasible, may carry out the project under section 205 of the Flood Control Act of 1948 (33 U.S.C. 701s).

(4) MAGPIE CREEK, CALIFORNIA.- Project for flood control, Magpie Creek, California, located within the boundaries of McClellan Air Force Base.

**Section 366. AMERICAN AND SACRAMENTO RIVERS, CALIFORNIA.**

(a) **IN GENERAL.**- The project for flood damage reduction, American and Sacramento Rivers, California, authorized by section 101 (a)(1) of the Water Resources Development Act of 1996 (110 Stat. 3662-3663), is modified to direct the Secretary to include the following improvements as part of the overall project:

- (1) Raising the left bank of the non-Federal levee upstream of the Mayhew drain for a distance of 4,500 feet by an average of 2.5 feet.
- (2) Raising the right bank of the American River levee from 1,500 feet upstream to 4,000 feet downstream of the Howe Avenue bridge by an average of 1 foot.
- (3) Modifying the South levee of the Natomas Cross Canal for a distance of 5 miles to ensure that the south levee is consistent with the level of protection provided by the authorized levee along the east bank of the Sacramento River.
- (4) Modifying the north levee of the Natomas Cross Canal for a distance of 5 miles to ensure that the height of the levee is equivalent to the height of the south levee as authorized by paragraph (3).
- (5) Installing gates to the existing Mayhew Drain culvert and pumps to prevent backup of floodwater on the Folsom Boulevard side of the gates.
- (6) Installing a slurry wall in the north levee of the American River from the east levee of the Natomas East Main Drain upstream for a distance of approximately 1.2 miles.
- (7) Installing a slurry wall in the North levee of the American River from 300 feet west of Jacob Lane north for a distance of approximately 1 mile to the end of the existing levee.

(B) **COST LIMITATIONS.**- Section 101(a)(1)(A) of the Water Resources Development Act of 1996 (110 Stat. 3662) is amended by striking "at a total cost of" and all that follows through "\$14,225,000," and inserting the following: "at a total cost of \$91,900,000, with an estimated federal cost of \$68,925,000 and estimated non-Federal cost of \$22,975,000,".

(C) **COST SHARING.**- For the purposes of section 103 of the Water Resources Development Act of 1986 ( 33 U.S.C. 2213), the modifications authorized by this section shall be subject to the same cost sharing in effect for the project for flood damage reduction, American and Sacramento Rivers, California, authorized by section 101(a)(1) of the Water Resources Development Act of 1996 (101 Stat. 3662).

**Section 566. (a) FOLSOM FLOOD CONTROL STUDIES.-**

(1) **IN GENERAL.**- The Secretary, in consultation with the State of California and local water resources agencies, shall undertake a study of increasing surcharge flood control storage at the Folsom Dam and Reservoir.

(2) **LIMITATIONS.**- The Study of the Folsom Dam and Reservoir undertaken under paragraph (1) shall assume that there is to be no increase in conservation storage at the Folsom Reservoir.

(3) **REPORT.**- Not later than March 1, 2000, The Secretary shall transmit to Congress a report on the results of the study under this subsection.

**(b) AMERICAN AND SACRAMENTO RIVERS FLOOD CONTROL STUDY**

(1) **IN GENERAL.**- The Secretary shall undertake a study of all levees on the American River and on the Sacramento River downstream and immediately upstream of the

confluence of such Rivers to assess opportunities to increase potential flood protection through levee modifications.

(2) DEADLINE FOR COMPLETION.- Not later than March 1, 2000, the Secretary shall transmit to Congress a report on the results of the study undertaken under this subsection.