

APPENDIX I

EXCERPTS FROM THE NOVEMBER 20, 1997
DEPARTMENT OF THE INTERIOR FINAL ADMINISTRATIVE PROPOSAL
ON THE MANAGEMENT OF SECTION 3406 (b) (2) WATER THAT PERTAIN TO FLOWS
IN THE LOWER AMERICAN RIVER

The Water Forum's Improved Pattern of Fishery Flow Releases is defined as the Anadromous Fish Restoration Plan (AFRP) flow objective for the Lower American River as set forth in the November 20, 1997 Department of the Interior Final Administrative Proposal on the Management of Section 3406 (b) (2) Water.

United States Department of the Interior



November 20, 1997

U.S. Fish and Wildlife Service
Region I
911 N.E. 11th Avenue
Portland OR 97232-4181

U.S. Bureau of Reclamation
Mid-Pacific Region
2800 Cottage Way
Sacramento CA 95825-1898

Dear CVP Stakeholders, CALFED Participants, and Interested Parties:

Attached is the Department of the Interior's (Interior) Final Administrative Proposal on the Management of Section 3406(b)(2) Water. This paper presents Interior's conclusions as to how it intends to comply with the statutory mandate to dedicate and manage the water dedicated pursuant to Section 3406(b)(2) of the Central Valley Project Improvement Act,

The release of the Administrative Proposal reflects substantial agency and stakeholder dialogue. The active participation of interested parties and the public has been instrumental in helping Interior determine the approach for managing the 3406 (b)(2) issues. Interior urges the continued involvement and participation of stakeholders and others as it implements, in the coming 5 years, the set of near-term fish and wildlife measures described in the Administrative Proposal.

Copies of the Administrative Proposal can be accessed on the Bureau of Reclamation Mid-Pacific Region's homepage at <http://www.mp.usbr.gov> or can be obtained by calling Ms. Lynnette Wirth at 916/978-5100 (TDD 916/978-5608).

Sincerely,

Handwritten signature of Michael V. Spear.

Michael V. Spear
Regional Director
U.S. Fish and Wildlife Service
Region I

Handwritten signature of Roger K. Patterson.

Roger K. Patterson
Regional Director
U.S. Bureau of Reclamation
Mid-Pacific Region

Attachment

Upstream Action #3 - Minimum instream flow requirements below Nimbus shall be based on thresholds of Folsom storage in TAF for October through February as shown below. Minimum instream flow requirements below Nimbus shall be based on thresholds of STOR+INFLO for March through September, where STOR is defined as the beginning-of-month Folsom storage in TAF and INFLO is defined as the forecasted inflow from the current month through September in TAF. The inflows shall be based on a 50 percent forecast. Stability criteria shall dictate that November, December, & January's flows be at least 80 percent of their preceding month's flow. The stability criteria shall also dictate that February & March's flow be at least 90 percent of their preceding month's flow. The stability criteria are ignored if the preceding month's flow was above 4500 cfs.

Month	Criteria
October	If (End-of-Sep Storage) >500 TAF, then use 2500 cfs If (End-of-Sep Storage) >463 TAF, then use 2250 cfs If (End-of-Sep Storage) >425 TAF, then use 2000 cfs If (End-of-Sep Storage) >350 TAF, then use 1750 cfs If (End-of-Sep Storage) >300 TAF, then use 1500 cfs If (End-of-Sep Storage) >275 TAF, then use 1250 cfs If (End-of-Sep Storage) >265 TAF, then use 1000 cfs If (End-of-Sep Storage) >255 TAF, then use 750 cfs If (End-of-Sep Storage) <255 TAF, then use 500 cfs
November	Same as October
December	Same as October
January	If (End-of-Dec Storage) >500 TAF, then use 2500 cfs If (End-of-Dec Storage) >425 TAF, then use 2250 cfs If (End-of-Dec Storage) >350 TAF, then use 2000 cfs If (End-of-Dec Storage) >300 TAF, then use 1750 cfs If (End-of-Dec Storage) >290 TAF, then use 1500 cfs If (End-of-Dec Storage) >285 TAF, then use 1250 cfs If (End-of-Dec Storage) >280 TAF, then use 1000 cfs If (End-of-Dec Storage) >275 TAF, then use 750 cfs If (End-of-Dec Storage) <275 TAF, then use 500 cfs
February	If (End-of-Jan Storage) >600 TAF, then use 2500 cfs If (End-of-Jan Storage) >350 TAF, then use 2000 cfs If (End-of-Jan Storage) >300 TAF, then use 1750 cfs If (End-of-Jan Storage) >225 TAF, then use 1250 cfs If (End-of-Jan Storage) <225 TAF, then use 500 cfs

<p>March</p>	<p>If (STOR+INFLO) >2850 TAF, then use 4500 cfs If (STOR+INFLO) >2766 TAF, then use 4250 cfs If (STOR+INFLO) >2683 TAF, then use 4000 cfs If (STOR+INFLO) >2600 TAF, then use 3750 cfs If (STOR+INFLO) >2516 TAF, then use 3500 cfs If (STOR+INFLO) >2433 TAF, then use 3250 cfs If (STOR+INFLO) >2350 TAF, then use 3000 cfs If (STOR+INFLO) >2025 TAF, then use 2750 cfs If (STOR+INFLO) >1700 TAF, then use 2500 cfs If (STOR+INFLO) >1500 TAF, then use 2250 cfs If (STOR+INFLO) >1300 TAF, then use 2000 cfs If (STOR+INFLO) >1150 TAF, then use 1750 cfs If (STOR+INFLO) >1000 TAF, then use 1500 cfs If (STOR+INFLO) > 967 TAF, then use 1250 cfs If (STOR+INFLO) > 933 TAF, then use 1000 cfs If (STOR+INFLO) > 900 TAF, then use 750 cfs If (STOR+INFLO) > 700 TAF, then use 500 cfs If (STOR+INFLO) < 700 TAF, then use 250 cfs</p>
<p>April</p>	<p>If (STOR+INFLO) >2450 TAF, then use 4500 cfs If (STOR+INFLO) >2383 TAF, then use 4250 cfs If (STOR+INFLO) >2316 TAF, then use 4000 cfs If (STOR+INFLO) >2250 TAF, then use 3750 cfs If (STOR+INFLO) >2183 TAF, then use 3500 cfs If (STOR+INFLO) >2116 TAF, then use 3250 cfs If (STOR+INFLO) >2050 TAF, then use 3000 cfs If (STOR+INFLO) >1800 TAF, then use 2750 cfs If (STOR+INFLO) >1550 TAF, then use 2500 cfs If (STOR+INFLO) >1350 TAF, then use 2250 cfs If (STOR+INFLO) >1150 TAF, then use 2000 cfs If (STOR+INFLO) >1075 TAF, then use 1750 cfs If (STOR+INFLO) >1000 TAF, then use 1500 cfs If (STOR+INFLO) > 967 TAF, then use 1250 cfs If (STOR+INFLO) > 933 TAF, then use 1000 cfs If (STOR+INFLO) > 900 TAF, then use 750 cfs If (STOR+INFLO) > 700 TAF, then use 500 cfs If (STOR+INFLO) < 700 TAF, then use 250 cfs</p>

<p>May</p>	<p>If (STOR+INFLO) >2050 TAF, then use 4500 cfs If (STOR+INFLO) >1932 TAF, then use 4250 cfs If (STOR+INFLO) >1816 TAF, then use 4000 cfs If (STOR+INFLO) >1700 TAF, then use 3750 cfs If (STOR+INFLO) >1600 TAF, then use 3500 cfs If (STOR+INFLO) >1500 TAF, then use 3250 cfs If (STOR+INFLO) >1400 TAF, then use 3000 cfs If (STOR+INFLO) >1200 TAF, then use 2750 cfs If (STOR+INFLO) >1000 TAF, then use 2500 cfs If (STOR+INFLO) > 950 TAF, then use 2250 cfs If (STOR+INFLO) > 900 TAF, then use 2000 cfs If (STOR+INFLO) > 850 TAF, then use 1750 cfs If (STOR+INFLO) > 800 TAF, then use 1500 cfs If (STOR+INFLO) > 775 TAF, then use 1250 cfs If (STOR+INFLO) > 750 TAF, then use 1000 cfs If (STOR+INFLO) > 725 TAF, then use 750 cfs If (STOR+INFLO) > 600 TAF, then use 500 cfs If (STOR+INFLO) < 600 TAF, then use 250 cfs</p>
<p>June</p>	<p>If (STOR+INFLO) >1800 TAF, then use 4500 cfs If (STOR+INFLO) >1750 TAF, then use 4250 cfs If (STOR+INFLO) >1700 TAF, then use 4000 cfs If (STOR+INFLO) >1600 TAF, then use 3750 cfs If (STOR+INFLO) >1500 TAF, then use 3500 cfs If (STOR+INFLO) >1400 TAF, then use 3250 cfs If (STOR+INFLO) >1300 TAF, then use 3000 cfs If (STOR+INFLO) >1266 TAF, then use 2750 cfs If (STOR+INFLO) >1133 TAF, then use 2500 cfs If (STOR+INFLO) >1000 TAF, then use 2250 cfs If (STOR+INFLO) > 950 TAF, then use 2000 cfs If (STOR+INFLO) > 900 TAF, then use 1750 cfs If (STOR+INFLO) > 800 TAF, then use 1500 cfs If (STOR+INFLO) > 775 TAF, then use 1250 cfs If (STOR+INFLO) > 750 TAF, then use 1000 cfs If (STOR+INFLO) > 725 TAF, then use 750 cfs If (STOR+INFLO) > 600 TAF, then use 500 cfs If (STOR+INFLO) < 600 TAF, then use 250 cfs</p>

July	<p>If (STOR+INFLO) >1400 TAF, then use 2500 cfs If (STOR+INFLO) >1300 TAF, then use 2250 cfs If (STOR+INFLO) >1200 TAF, then use 2000 cfs If (STOR+INFLO) >1000 TAF, then use 1750 cfs If (STOR+INFLO) > 800 TAF, then use 1500 cfs If (STOR+INFLO) > 775 TAF, then use 1250 cfs If (STOR+INFLO) > 750 TAF, then use 1000 cfs If (STOR+INFLO) > 725 TAF, then use 750 cfs If (STOR+INFLO) > 600 TAF, then use 500 cfs If (STOR+INFLO) < 600 TAF, then use 250 cfs</p>
August	<p>If (STOR+INFLO) >1200 TAF, then use 2500 cfs If (STOR+INFLO) >1100 TAF, then use 2250 cfs If (STOR+INFLO) >1000 TAF, then use 2000 cfs If (STOR+INFLO) > 900 TAF, then use 1750 cfs If (STOR+INFLO) > 800 TAF, then use 1500 cfs If (STOR+INFLO) > 700 TAF, then use 1250 cfs If (STOR+INFLO) > 600 TAF, then use 1000 cfs If (STOR+INFLO) > 550 TAF, then use 750 cfs If (STOR+INFLO) > 500 TAF, then use 500 cfs If (STOR+INFLO) < 500 TAF, then use 250 cfs</p>
September	<p>If (STOR+INFLO) > 800 TAF, then use 2500 cfs If (STOR+INFLO) > 750 TAF, then use 2250 cfs If (STOR+INFLO) > 700 TAF, then use 2000 cfs If (STOR+INFLO) > 600 TAF, then use 1750 cfs If (STOR+INFLO) > 500 TAF, then use 1500 cfs If (STOR+INFLO) > 400 TAF, then use 1250 cfs If (STOR+INFLO) > 350 TAF, then use 1000 cfs If (STOR+INFLO) > 325 TAF, then use 750 cfs If (STOR+INFLO) > 300 TAF, then use 500 cfs If (STOR+INFLO) < 300 TAF, then use 250 cfs</p>