U. S. ARMY ENGINEER DISTRICT LOS ANGELES

CORPS OF ENGINEERS

APPENDIX A
FLOOD-CONTROL REGULATIONS
TWITCHELL DAM AND RESERVOIR, SANTA MARIA RIVER BASIN
CALIFORNIA

To accompany Reservoir Regulation Manual for Flood-Control Storage
at Twitchell Dam and Reservoir August 1960

TITLE 33--NAVIGATION AND NAVIGABLE WATERS

Chapter II--Corps of Engineers
Department of the Army.

PART 208--FLOOD CONTROL REGULATIONS

TWITCHELL DAM AND RESERVOIRS
SANTA MARIA RIVER BASIN, CALIFORNIA

Pursuant to the provisions of section 7 of the Act of Congress approved 22 December 1944 (58 Stat. 890; 33 U.S.C. 709), #208.79 is hereby prescribed to govern the use and operation of Twitchell Dam, and Reservoir on the Cuyama River, Santa Maria River basin, California, for flood-control purposes.

#208.79 Twitchell Dam and Reservoir, Santa Maria River basin, California. The Bureau of Reclamation shall supervise the operation of Twitchell Dam and Reservoir in the interest of flood control as follows:

(a) A storage space in Twitchell Reservoir of 89,000 acre-feet below elevation 651.5 shall be reserved for flood control at all times.

(b) Releases from the flood-control storage space shall be made in accordance with the "Outlet Gate Operation Schedule for Flood-Control Storage" currently in force. The schedule currently in force as of the promulgation of this section is dated January 31, 1962, File No. 373/123, and is on file in the Office of the Chief of Engineers, Department of the Army, Washington 25, D. C., and in the Office of the Commissioner of Reclamation, Washington, D. C. Revisions of the "Outlet Gate Operation Schedule for Flood-Control Storage" may be developed from time to time as necessary by the Corps of Engineers and the Bureau of Reclamation. Each such revision shall be effective upon the date specified in the approval thereof by the Chief of Engineers and the Commissioner of Reclamation and from that date until replaced shall be the "Outlet Gate Operation Schedule for Flood-Control Storage" currently in force for the purposes of this section. Copies of the "Outlet Gate Operation Schedule for Flood-Control Storage currently in force shall be kept on file in and may be obtained from the Office of the District Engineer, Corps of Engineers and the Regional Director, Bureau of Reclamation, in charge of the locality.

(c) Nothing in this section shall be construed to require dangerously rapid changes in magnitudes of releases. The regulations of this section shall not be construed to require that releases be made in a manner that would be inconsistent with requirements for protecting the dam and reservoir from major damage.

(d) The Bureau of Reclamation shall see that the District Engineer, Corps of Engineers, Department of the Army in charge of the locality, is currently advised of reservoir release, reservoir storage and such other operating data as the District Engineer may request, and also of those basic operating criteria which affect the schedule of operation.

(e) The flood-control regulations of this section are subject to temporary modification by the District Engineer, Corps of Engineers, if found necessary in time of emergency. Request for and action on such modification may be made by any available means of communication and the action taken by the District Engineer shall be confirmed in writing under date of same day to the Office of the Regional Director, Bureau of Reclamation in charge of the operations.

(Regs., January 31, 1962, ENGCW-EY) (Sec. 7, 58 Stat. 890; 33 U.S.C. 709)

J. C. LAMBERT
Major General, U. S. Army
The Adjutant General

(F.R. Doc. 62-22,13; Filed, March 6, 1962; 8:45 a. m.)

Step No.	When reservoir water surface is between elevations	Gate setting for gates as indicated		Computed discharge**
		No. 1	No. 2	
	Feet above mean sea level	Feet of opening	Feet of opening	Cubic feet per second
1	504.0 - 623.0	0	0	0
2	623.0 - 623.2	.5	.5	500 - 510
3	623.2 - 623.4	1.5	1.5	1,500 - 1,510
4	623.4 - 623.6	3.0	3.0	3,000 - 3,010
5	623.6 - 623.8	5.0	5.0	5,000 - 5,010
6	623.8 - 624.0	8.0	8.0	7,800 - 7,820
7	624.0 - ***651.5	12.0	12.0	11,630 - 12,700

* Schedule applicable for rising or falling stages.
** Low port assumed blocked.
*** Spillway flow above elevation 651.5.

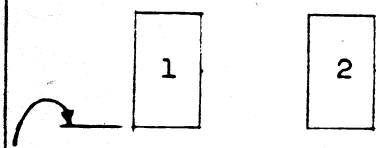
Note.--The outlet gates shall not be opened faster than 1 foot in 10 minutes.

INSTRUCTIONS

1. Schedule is for downstream gates. Normally upstream gates are wide open and function as guard gates.

2. If one of the downstream gates cannot be operated, adjust the other gate, if possible, so that its opening will equal the sum of the openings shown in the schedule. However, the operable gate should not be opened more than 80 percent (9.6 ft.).

OUTLETS
(Looking downstream)



Downstream gates 7' x 12'

Twitchell Dam and Reservoir
Santa Maria River Basin, Calif.

OUTLET GATE OPERATION SCHEDULE
FOR FLOOD CONTROL STORAGE

Prepared Pursuant to Flood Control Regulations for Twitchell Dam and Reservoir (33 CFR 208.79)

APPROVED: _____
Commissioner of Reclamation

APPROVED: _____
Lieut. General, Chief of Engineers

Effective Date: 31 Jan. 1962 File No. 373/123