

MEMORANDUM FOR THE RECORD

SUBJECT: TSW removal altered spill pattern due to new safety restrictions.

Narrative: McNary Dam TSW's in bay 19 and 20 are removed from operation after June 7 (per FPP Chapter 5, Section 2.3.2.6). During operations to install and remove TSW's, bays 18 to 21 are to be closed per Table MCN-10. Due to new safety requirements related to load limitations for the spillway cranes, bays being worked in and adjacent bays are to be closed, which includes the bays where the TSW spillgate sections are stored. TSW's (bays 19 and 20) were closed on June 9 at 0630 hours. At 0900 hours, bays 14 to 18 and 21 were also closed so gate sections could be retrieved and installed in bays 19 and 20. The days activity concluded at 1700 hours with bays 14 to 18 and 21 reopened.

On June 10, from 0645 to 1700 hours, the process was repeated as described above, after which all bays were opened with standard spill gates in place.

FPP Table MCN-10 for TSW removal was used except for the time frames described above when gate sections were moved on June 9 and 10. The spill volume was averaged across active bays 1 through 13 and 22 when the other bays were closed both days. At the end of work on June 10, the spill pattern reflected FPP McNary Table MCN-9, without TSW's.

Location: Spillway.

Method: Adjust spill to allow for TSW removal and standard gate installation in bays 19 and 20.

Timeline - Duration: Spill pattern altered from Table MCN-10 on June 9 and 10 for 8.0 and 10.3 hours, respectively.

A. Species: NA

B. Origin: NA

C. Length: NA

D. Marks and Tags: NA

E. Marks and Injuries Found on the Carcasses: NA

F. Future and Preventative Measures: This is an issue that is new and a FPP change for new TSW removal procedure will need to be developed.

G. Photos Taken: None.

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