

**CENWW-ODO**

**Date: 2019-05-13**

**MEMORANDUM FOR THE RECORD 19 LMN 06 MFR Delayed Opening of Spillway Weir**

**SUBJECT:** Delayed Opening of RSW after Fish Loading

**Narrative:** Following normal procedure, spill discharge was reduced to zero on Saturday, May 11 at 1715 hours so the Lassen and fish barge could navigate to the barge dock to load fish. Spill was restored to 30 kcfs through gates 1-6 during the loading activity. At 1817 hours, spillway gates 4-6 were closed and spill was reduced to 10 kcfs through gates 1 and 2 so the tug and barge could safely exit the dock and tailrace. Spill resumed at 1827 hours. It was noticed May 12 at 0710 hours that the operator had failed to reopen the Removable Spillway Weir (RSW) following the fish loading activity the previous evening. Another barge was heading upstream near the lock so operators made sure it safely entered the lock and then went back to 44 kcfs spill including the RSW at 0800 hours. Total discharge through the spillway remained consistent with set guidelines throughout the entire time period.

**Method:** RSW was not re-opened by control room after being closed to load fish barge.

**Time Line - Duration:**

The RSW was closed at 1715 hours on 11 May and was opened again the next morning at 0800 hours.

**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:** All control room operators were reminded of the importance of verifying that spillway configurations abide to FPP to facilitate fish passage.

**G. Photos Taken:** None.

**Chuck Barnes**

**Project Fisheries Biologist**

**Lower Monumental Dam**