

MEMORANDUM FOR THE RECORD

SUBJECT: Spillbay 16 dogging mechanisms anchor points.

Narrative: As related in 23MCN02 and 23MCN03 MFR's, the dogging mechanisms in bay 16 required weld repairs. When going to reinstall the dogging mechanism on May 2, it was discovered the anchor points for each mechanism was highly eroded and would require repair before the mechanisms can be reinstalled. In order to repair the anchor points, the two adjacent bays will be closed as part of the safety protocol as will be discussed below. As stated before, after the work is done, bay 16 will remain closed until the hoist is repaired, assembled, reinstalled, and system checks are completed.

Location: McNary spillway.

Method: During work hours, approximately 0730 to 1700 hours, on May 3 to 4 and May 8 to 11, the adjacent bays, 15 and 17, will be closed and on seal for safety while failed concrete is removed, the surface is prepared, and then a new base poured to ensure a stable surface to support the dogging mechanisms and the gate's weight. Once the anchor points are repaired, the dogging mechanisms will be reinstalled in spillbay 16. Spill volume will be evenly adjusted through the remaining open bays during the work.

After the work has been completed, bay 16 will remain closed as described above. The spill table previously assigned to April has been expanded to include May, with bay 16 closed.

Timeline - Duration: For the dogging mechanism anchor rehabilitation, estimate 6 workdays. For the return to service of bay 16, approximately one month.

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: With the wide range of issues effecting the spillway, McNary staff will continue to inspect and repair the system as timely as possible.

G. Photos Taken: No

Bobby Johnson
Project Fisheries Biologist
McNary Lock and Dam