

MEMORANDUM FOR THE RECORD 17 MCN 13 Spillbay 20

SUBJECT: The spillgate in bay 20 is raised and lowered by crane. On July 6, at approximately 1630 hours, electrical issues with the crane developed, which would not allow the crane to be operated remotely. The spillgate was manually set at 2.1 feet open, an average setting for the current spill volume. The gate will remain at this setting until July 10, at which time the electrical staff will be able to examine and resolve the crane issue on the next scheduled work day.

One of 22 spillgates set at an average setting with the other gates still operated automatically should have no impact on spill volume or adult fish passage. Impact on juvenile fish passage, which consist on 99.6 percent subyearling Chinook, should be minimal.

Species – There will be no fish loss. Subyearling Chinook are the primary race/species of juvenile salmonids passing through the spill way at this time. Yearling Chinook, steelhead, sockeye and Coho smolts could be present but in very low numbers. Smolts passage through the juvenile fish facility will be unaffected. There should be minimal delay in smolt passage.

Adult sockeye are the dominate species passing. Summer chinook, steelhead and lamprey are passing but in lower numbers. Adult passage should be unaffected.

- A. Origin – NA
- B. Length – NA
- C. Marks and tags – NA
- D. Marks and Injuries found on carcass – NA
- E. Cause and Time of Death – NA
- F. Future and Preventative Measures – Continue to maintain aging equipment to the best of our abilities.

Sincerely,

Bobby Johnson
Project Fisheries Biologist
McNary Lock and Dam