

MEMORANDUM FOR THE RECORD - 23 IHR 05

SUBJECT: Spill Bay 6 Out of Service

Mid-day 17 June 2023, the operator lost the ability to control spillway gate 6 from the control room. An inspection found two sheared pins on the selsyn indication shaft. This meant the project was not be able to know the how far the gate was open or flow though the spillbay. They were able to lower the gate to sill. Spill volume as called for in the 2023 FOP was maintained by shifting spill to bay 5, which had previously been closed per the pattern in FPP Table IHR-8. Parts were ordered and the spillbay was returned to service Wednesday, 21 June.

Currently adult summer Chinook salmon are passing the project, with 600-700 fish counted per day, and sockeye salmon are in the initial days of their run. We are in the late stages of the juvenile salmon run with sub-yearling Chinook salmon making up the majority of the sample. Deviating from the FPP spill pattern may have caused some passage delay for adult and juvenile fish at Ice Harbor Dam. Observation of hourly counts suggest there was no impact to adult fish passage from the change in spill pattern.

Chris Peery
USACE, Walla Walla District
Fishery Biologist
509-527-7124