

MEMORANDUM FOR THE RECORD

SUBJECT: Fish pump 3 outage.

Narrative: Fish pump 3's alarm system failed on October 24. The pump was operating satisfactorily. However, without an alarm system, it was determined the proper course of action was to remove the pump from service, which occurred at 1559 hours. To meet FPP requirements for two fish pumps out of service, NFEW3 was raised. Also, SFEW1 and SFEW2 were raised to maintain the south entrance pool differential in criterion. All Oregon ladder entrance were switched to manual mode and adjusted as required. This was all accomplished by 1650 hours. As a reminder, fish pump 1 is still down for major overhaul.

After working on the power supply to the alarm system, the electrical staff was able to return the alarms to service on October 26, the next working day. Fish pump 3 was returned to service and all entrance weirs were reset to automatic mode by 1034 hours.

A ladder inspection on October 25 at 1230 hours showed NFEW3 raised, as required. The only out of criteria points measured were SFEW1 and SFEW2, which were raised to maintain the south pool differential in criterion, at 5.3 and 5.4 feet, respectively.

Location: Oregon ladder fish pump house. Fish pump 3.

Method: The electrical staffed repaired fish pump 3's alarm system.

Timeline - Duration: The Oregon ladder was operated on one fish pump per FPP from October 24 at 1559 hours to October 26 at 1034 hours.

A. Species: There were no known fish losses. Adult fall Chinook, coho and summer steelhead are the primary species using the ladder currently.

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: Fish pump 1 is currently being repaired to provide a spare in case of future outage.

G. Photos Taken: None.

Bobby Johnson
Project Fisheries Biologist
McNary Lock and Dam