

**MEMORANDUM FOR THE RECORD**

**SUBJECT: Oregon ladder fish pump 3 was removed from service and replaced by fish pump 1, which had been OOS.**

**Narrative:** Fish pump 3 tripped offline due to a governor oil leak at 0738 hours on March 10. The oil was contained. The Oregon ladder was adjusted for one fish pump operation, with NFEW3 raised and both pool differentials maintained by 0819 hours. After the winter outage, fish pump 1 had remained out of service due to exciter issues, with a returned to service date of March 15. However, with pump 3 now out of service, with a return to service date of April 12, pump 1 could be returned to service earlier by using excitor parts from pump 3. Pump 3 exciter was transferred on March 11, and fish pump 1 was returned to service at 1124 hours. NFEW3 was lowered soon after and returned to automatic mode.

**Location:** McNary Oregon ladder fish pump house.

**Method:** With fish pump 3 going out of service, parts from this pump were used for fish pump 1 to return to service and restore the Oregon shore ladder.

**Timeline - Duration:** The Oregon ladder was operating with one fish pump for approximately 28 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:** Due to the age of the Oregon ladder system, maintaining the fish pumps and having spare parts on hand consumes considerable effort by project staff, who strive to meet the needs of the system. Pumps are to be replaced pending funding.

**G. Photos Taken:** None.

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