

MEMORANDUM FOR THE RECORD

SUBJECT: 24BON037 MFR PH2 Fish Unit 2 Outage

On 01 August 2024 Bonneville Powerhouse 2's Fish Unit 2 (F2) was forced out of service (OOS) due to urgent replacement of its Exciter Brushes. Typically, this maintenance would occur when flow to the fishway is reduced due to an ROV inspection or during winter maintenance; however, a recent inspection showed extreme wear. If the brushes are not replaced there is a possibility of arcing causing damage to the brush ring which in turn would lead to a much longer outage of the Fish Unit.

F2 was placed out of service at 1001 and returned to service at 1147. The WA Shore Fishway was placed into a modified Single Fish Unit Ops as defined in FPP Table BON-12 for the duration of the work. Bonneville Fisheries and Operations monitored each of the four WA Shore Fishway Entrances to ensure proper entrance/tailwater differentials were maintained (1.0—2.0ft). Entrance gate manipulations assisted in maintaining proper criteria.

- A. Species – N/A
- B. Origin – N/A
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – We will continue to monitor fishway conditions closely.

Sincerely,
Bonneville Project Fisheries