

MEMORANDUM FOR THE RECORD

SUBJECT: 24BON015 MFR PH2 Fish Unit 1 Outage

On 01 July Bonneville Powerhouse 2's Fish Unit 1 (F1) was on 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. Last December during winter maintenance the brushes were replaced, 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.

F1 was placed out of service at 1201 and returned to service at 1420. 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 – 2.0 ft). Entrance gate manipulations assisted in maintaining proper criteria.

The work was coordinated to take place in the afternoon after lunch to attempt missing peak entrance passage time of Chinook and sockeye prominent in the ladder at this time.

- 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 while in Single Fish Unit Ops.

Sincerely,
Bonneville Project Fisheries

Comments:

From: Tom Lorz <lorz@critfc.org>

Sent: Tuesday, July 2, 2024 9:47 AM

To: Madson, Patricia L CIV USARMY CENWP (USA) <Patricia.L.Madson@usace.army.mil>

Cc: Trevor Conder -NOAA Federal <trevor.conder@noaa.gov>

Subject: [Non-DoD Source] Re: FPOM Official Coordination: 24BON015 MFR PH2 Fish Unit 1 Outage

Thanks for the update. When did the bushing problem/inspection happen? It would be good that if you see a problem like this, can we pre coordinate on that. That would be great. Fortunately, this was not a big outage and did not happen when we had a totally full ladder of fish. Appreciate the timely response and quick turnaround on repairs...

Tom Lorz

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From: Madson, Patricia L CIV USARMY CENWP (USA) <Patricia.L.Madson@usace.army.mil>

Sent: Tuesday, July 2, 2024 3:18 PM

To: Tom Lorz <lorz@critfc.org>

Cc: Trevor Conder -NOAA Federal <trevor.conder@noaa.gov>; Wertheimer, Robert H CIV USARMY CENWP (USA) <Robert.H.Wertheimer@usace.army.mil>; Fielding, Scott D CIV USARMY CENWP (USA) <Scott.D.Fielding@usace.army.mil>

Subject: RE: FPOM Official Coordination: 24BON015 MFR PH2 Fish Unit 1 Outage

Tom,

BON fisheries indicated that the inspection occurred late Thursday afternoon (6/27) and the severity of the damage prompted the immediate scheduling of work on Monday.

Thank you.

Cheers,

Patricia