

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 24BON053 MFR PH2 Fish Unit 2 Outage**

On 24 September 2024 Bonneville Powerhouse 2's Fish Unit 2 (F2) was forced out of service (OOS). Mechanics performing routine oil checks discovered the turbine guide bearing oil level indication was high. Personnel suspected that water was leaking into the guide bearing. To fix the issue and prevent damage to the fish unit, F2 needed to be drained and refilled several times. During this time Washington shore fishway differentials were less than FPP operating criteria.

F2 was placed out of service at 1301 on 24 September and returned to service the same day at 1655.

- 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 – BON project will notify fisheries to place WA shore fishway into single fish unit operations during fish unit outages to ensure fishway differential requirements are met.

Sincerely,  
Bonneville Project Fisheries