

MEMORANDUM FOR THE RECORD 16BON09

SUBJECT: 16BON09 Unit 12 Outage

Project fisheries provided notification in the #1613 weekly report covering 20 to 26 March 2016. Bonneville Dam's Unit 12 was forced out of service on 19 March following a servo oil leak. While all oil was contained, it was the third failure of this piece of equipment in the recent past. To prevent the potential for a more serious leak, Bonneville maintenance crews have requested an outage to identify and resolve the ongoing problem. We will perform wicket gate upper bushing inspection, seal replacement and inspection of the shift ring wear shoes on U12 vice the scheduled outage on U16 from 4 April to 5 May, 2016. The planned replacement of wicket gate seals on U16 will be postponed to FY17. We recognize that having this unit out of service is not preferred from a fish passage perspective but the risk from continued operation is too great to not address immediately.

- A. Species – Juvenile hatchery chinook
- B. Origin – Hatchery
- 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 – The planned inspection and replacement of the wicket gate seals will act as preventative measures for future failures.

Sincerely,
Project Fisheries