

**MEMORANDUM FOR THE RECORD - 21 IHR 02**

**SUBJECT:** Unit 5 Reactive Limit Testing

Reactive limit testing on unit 5 occurred on March 17. The electrical testing required that the unit was operating under a load. The unit was operated out of Fish Passage Plan priority order for the testing. Unit priority order is unit 1, 2, 6, 4, 5 (unit 3 is out of service for the runner replacement). Unit 5 was operated ahead of unit 4 from 1411 hours to 1605 hours. Unit 5 was operated ahead of unit 6 from 1417 hours to 1602 hours.

During the testing of unit 5, units 1 and 2 were always on to provide attraction for adult fish to the south shore entrance of the south ladder. The operation of unit 5 ahead of unit 6 may have caused a passage delay for fish that would have been attracted to the north powerhouse fish entrance. The operation of unit 5 ahead of unit 4 is not expected to have caused a delay in fish passage. In the last 10 years, adult fish counting at Ice Harbor during the month of March only occurred in 2013 and 2018. There was an average daily total of 44 steelhead passing the count windows for the period of March 15-19 for those two years, with no other fish species observed.

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