

MEMORANDUM FOR THE RECORD - 20 IHR 03

SUBJECT: Unit 5 model validation testing

Model validation testing on unit 5 occurred on March 5. Although the unit was declared out of service, the electrical testing required that the unit was operating under a load. The unit was operated out of Fish Passage Plan priority order for some of the testing, depending on how many units were operating at the time. 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 1136 hours to 1258 hours and from 1552 hours to 1624 hours. Unit 5 was operated ahead of unit 6 from 1258 hours to 1302 hours and from 1337 hours to 1400 hours. The total time that unit 5 was operated out of priority order was less than 2.5 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 short delay for fish trying to find the north powerhouse fish entrance, as it occurred for less than 0.5 hours. The operation of unit 5 ahead of unit 4 is not expected to cause a delay in fish passage. There are typically very few adult fish using the fish ladders in early March.

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