

MEMORANDUM FOR THE RECORD

SUBJECT: Emergency debris spill on August 28, 2017

Narrative: A moderate amount of surface debris had accumulated at spill bay 3. On September 1 at 0001 hours, the spillway will be closed. Once this occurs, the fisheries staff was concerned the spillway debris would migrate to the powerhouse where it could settle in on the trash racks. On August 28 from 0959 to 1021 hours, the spill gate in bay 2 was set to split leaf, bay 3 was closed and the debris was passed downstream. The spill pattern was restored by 1030 hours. After the operation, the debris load along the spill way would be described as minimal.

Location: Spill bays 2 and 3.

Method: The project staff used spill bay 2, operated in split leaf mode, which expedites debris removal from the adjacent slots, particularly bay 3, which was closed. This drew the debris to the split leaf bay and passes it to the tailwater.

Time Line - Duration: The project staff used bay 2 with split leaf and bay 3 closed. Bay 2 was opened to approximately 18 feet and passed approximately 18 kcfs. The operation began at 0959 hours and concluded at 1030 hours on August 28. Bay 2 was split leaf for approximately 22 minutes.

A. Species: There were no known fish losses. Subyearling Chinook are the primary race/species of juvenile salmonids passing through the spill way at this time. However, smolt numbers are very low. Yearling Chinook, steelhead, sockeye and Coho smolts could be present but their numbers would be extremely low numbers. Smolt passage through the juvenile fish facility was unaffected. The predominate adult race/species passing are fall Chinook salmon and summer steelhead with very low numbers of sockeye and Coho present. Adult salmonid passage might have been briefly altered along the Washington shore. Passage along the Oregon shore line should have been unaffected.

B. Origin: NA

C. Length: NA

D. Marks and Tags: NA

E. Marks and Injuries Found on the Carcasses: NA

F. Future and Preventative Measures: River debris loads are uncontrollable and the accumulation points are unpredictable. Removing the debris in a timely and proactive manner minimizes potential impacts to powerhouse passage system.

G. Photos Taken: None.

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