

SYSTEM OPERATIONAL REQUEST: #2000-4

- *The following State and Federal Salmon Managers have participated in the preparation of this SOR: Oregon Department of Fish & Wildlife, U.S. Fish & Wildlife Service, Washington Department of Fish and Wildlife, National Marine Fisheries Service and the Columbia River Inter-Tribal Fish Commission.*

TO: **Brigadier General Stroock** **COE-NPD**
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Marvin S. Yoshinaka

FROM: **Marv Yoshinaka, Chairperson, Salmon Managers**

DATE: **March 13, 2000**

SUBJECT: **Bonneville Dam Flow and Spill**

SPECIFICATIONS: Continue flows at Bonneville at 200 to 210 Kcfs beginning 2000 hours on March 13, 2000 and continuing for 48 hours until 2000 hours March 15, 2000. Continue spilling at the rate of 120 Kcfs instantaneously, unless advised otherwise based on real time data collection. This provision of flow should not jeopardize the 1263-foot end of March elevation target for Grand Coulee Reservoir, or maintaining 2.5 feet at Ives Island gage 2 as described in SOR #2000-1.

JUSTIFICATION: The objectives for this SOR are to maximize non-turbine passage for Spring Creek Hatchery smolts, and to maintain acceptable TDGS levels over the redds in the Ives Island area. The Action Agencies responded to SOR #2000-3 that flow during the Spring Creek Hatchery release would be in the range of 170-220 Kcfs, and would be shaped to provide higher flows during the first few days of the release. It is anticipated that flows would drop at 2000 hours on March 13, 2000. This request is for flows to remain at a higher level for two additional days. The passage of Spring Creek fish is progressing smoothly with large numbers of juvenile passing the project. Although numbers have dropped in the last day compared to the previous two days' passage indices, significant numbers continue to pass the project. The 200-210 flow represents a more gradual decrease in flow than the decrease to 180 Kcfs that was planned by the Action Agencies. Spill and dissolved gas levels have been monitored and have not impacted the chum and fall chinook in the Ives/Pierce Island complex. We would like to continue with the requested operations.