

## SYSTEM OPERATIONAL REQUEST: #99-27

- *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, Idaho Department of Fish & Game and National Marine Fisheries Service.*

**TO:**

<b>Brigadier General Strock</b>	<b>COE-NPD</b>
<b>William Branch</b>	<b>COE-Water Management</b>
<b>Cindy Henriksen</b>	<b>COE-RCC</b>
<b>Bolyvong Tanovan</b>	<b>COE-RCC</b>
<b>Doug Arndt</b>	<b>COE-P</b>
<b>Col. R. Slusar</b>	<b>COE-Portland District</b>
<b>Lieut. Col. W.E. Bulen, Jr.</b>	<b>COE-Walla Walla District</b>
<b>J. William McDonald</b>	<b>USBR-Boise Regional Director</b>
<b>Judith Johansen</b>	<b>BPA-Administrator</b>
<b>Greg Delwiche</b>	<b>BPA-PG-5</b>

*Marv S. Yoshinaka*

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

**DATE:** August 31, 1999

**SUBJECT:** Dworshak Temperature and Snake River Refill Operations

### **SPECIFICATIONS:**

Dworshak Temperature – Immediately increase the temperature of outflow from Dworshak Dam to 50°F.

Snake River Refill Operations – Begin the refill of the three Lower Snake Reservoirs (Ice Harbor, Lower Monumental and Little Goose) on September 1, 1999. Refill the reservoirs by decreasing total daily outflow by **2 Kcfs** beginning with Ice Harbor Reservoir, continuing with Lower Monumental Reservoir, and finishing with Little Goose Reservoir. Do not refill Lower Granite Reservoir at this time. This operation is anticipated to take less than one week at present flows.

### **JUSTIFICATION:**

Water temperatures in the Snake River are presently being moderated by weather patterns and day length. Consequently, the Dworshak temperature increase is requested to lessen the impact of the low Dworshak temperatures on the Dworshak Hatchery. In addition, the refill of the lower three Snake River Reservoirs is requested at this time based on the increasing adult fish passage numbers. The intent is to refill the pools now while Dworshak outflows are continuing in order to assure the operation of the adult facilities in criteria as the numbers of adults increase.