

## SYSTEM OPERATIONAL REQUEST: #99-26

- *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 Montana Fish, Wildlife and Parks.*

**TO:**            **Brigadier General Strock**    **COE-NPD**  
                  **William Branch**                    **COE-Water Management**  
                  **Cindy Henriksen**                   **COE-RCC**  
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*Marv S. Yoshinaka*

**FROM:**        **Marv Yoshinaka, Chairperson, FPAC**

**DATE:**        **August 24, 1999**

**SUBJECT:**    **Lower Columbia River Flows for the period August 29 through September 26.**

### **SPECIFICATIONS:**

#### **Hungry Horse, Libby, Albeni Falls**

As needed, draft Hungry Horse to elevation 3540, Libby to elevation 2440, and Albeni Falls through September to maintain flow targets recommended below at McNary and Grand Coulee elevations.

#### **Grand Coulee**

Maintain Grand Coulee elevations as high as possible to full pool through September to maintain the maximum amount of water volume possible for flow augmentation in October and November.

#### **McNary**

- Maintain flow at McNary at 176 kcfs from August 29 through September 5, as shown in the most recent SSARR projections.
- Maintain flows at McNary at 152 kcfs from September 6 through September 12.
- Maintain flows at McNary at 135 kcfs from September 13 through September 19.
- Maintain flows at McNary at 120 kcfs from September 20 through September 26.

### **JUSTIFICATION:**

Current and historic passage indices indicate that juvenile fall chinook will be passing through the Lower Columbia for the remainder of August and into September. Flow augmentation volumes will be required in mid-October to provide spawning flows for wild fall chinook and chum salmon below Bonneville Dam in the Ives/Pierce Island spawning areas in the latter part of October and through November.