

SYSTEM OPERATIONAL REQUEST: #99-22

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

Marv S. Yoshinaka

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

DATE: **August 10, 1999**

SUBJECT: **Columbia River Flows for the week ending August 22**

SPECIFICATIONS:

McNary Dam – Meet the SSARR projection for McNary Dam of 209 kcfs for the week ending August 22. Prioritize the utilization of Hungry Horse and Libby reservoirs to draft Biological Opinion volumes to meet this flow. Maintain the current elevation and volumes in Grand Coulee Reservoir to meet flow requirements at the end of August at McNary Dam. In addition, maximum Grand Coulee elevation and volumes should be maintained to meet anticipated flow requirements for the lower Columbia River in the fall. The request for Grand Coulee operations is anticipated for the fall to support below Bonneville Natural spawning.

JUSTIFICATION:

Passage indices for sub-yearling fall chinook at McNary Dam continue at high levels. PIT tag recaptures of Snake River fall chinook continue at McNary Dam. Historical passage data indicates that Snake River fall chinook will be present at McNary Dam through the end of August.