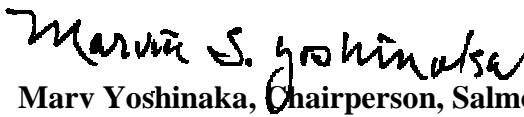


SYSTEM OPERATIONAL REQUEST: #99-16

- *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, National Marine Fisheries Service and Columbia River Inter-Tribal Fish Commission.*

TO: **Brigadier General Griffin** **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**
 Steve Clark **USBR-Boise Acting Regional Director**
 Judith Johansen **BPA-Administrator**
 Greg Delwiche **BPA-PG-5**

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

DATE: **July 6, 1999**

SUBJECT: **Lower Granite Flow**

SPECIFICATIONS: Maintain flows of 55 kcfs on a daily basis at Lower Granite Dam through Sunday, July 11, 1999. Use water from Brownlee reservoir for augmentation if necessary.

JUSTIFICATION: USFWS now predicts an early run timing for fall chinook from the Snake River based on passage to-date and their travel time model. USFSW research has shown that nearly all juveniles are smolt size and have moved from near shore areas. Passage indices of subyearling Chinook since July 1 have ranged from 920 – 1919. Consequently, the Salmon Managers wish to continue with flows at the upper limit of established flow objectives. A conference call is scheduled for Friday to further review the fish migration data.