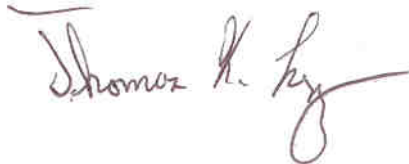


SYSTEM OPERATIONAL REQUEST: #2007-7

The following State, Federal, and Tribal Salmon Managers have participated in the preparation and support this SOR: U.S. Fish & Wildlife Service, Oregon Department of Fish and Wildlife, Nez Perce Tribe, and the Columbia River Inter-Tribal Fish Commission.

TO:	Brigadier General Gregg F. Martin	COE-NWD
	James D. Barton	COE-Water Management
	Cathy Hlebechuk	COE-RCC
	Witt Anderson	COE-P
	Col. Thomas E. O'Donovan	COE-Portland District
	LTC Anthony Hofmann	COE-Walla Walla District
	J. William McDonald	USBR-Boise Regional Director
	Stephen J. Wright	BPA-Administrator
	Greg Delwiche	BPA-PG-5



FROM: Tom Lorz, Vice-Chairperson, Salmon Managers

DATE: June 26, 2007

SUBJECT: Libby 2007 and Hungry Horse Summer Operations

SPECIFICATIONS: Provide Outflows from Libby and Hungry Horse dams over July and August as estimated in the last (6-26-07) STP to draft these reservoirs to 20 feet below their full pool elevations by August 31, followed by a gradual ramp down of flow through the first week of September. The current STP estimates an outflow from Libby of 17.4 Kcfs while drafting to elevation 2439 feet (20 feet from full) and outflows of 4.4 Kcfs from Hungry Horse while drafting to elevation 3540 feet (20 feet from full). If near term COE water forecast and flow predictions show that these recommended outflow levels will leave these reservoirs above the 20-foot draft level by the end of August, we request that the volume of water predicted to be left in the reservoirs above the 20-foot draft level by August 31, be provided from other storage water releases, such as from Canadian sources, in the July-August migration period. Should Non-Treaty water become available for flow augmentation later in the summer, these recommended releases from Libby and Hungry Horse can be modified to reflect the change in water availability such as was accomplished in 2006.

JUSTIFICATION:

Page 11 of the 2006 SOR (2006 MT-1 Final V2) from Montana contains a graph of the wetted perimeter associated with various Libby Dam outflows from index sites in the Kootenai River. Wetted perimeter is defined as the length of inundated river substrate across the river. This graph provided by Montana shows that the wetted perimeter is greater at flows of 17.4 Kcfs in

comparison to flows recommended by the state of Montana in SOR 2007 MT-1 (15 Kcfs through July 21, 2007 then 12 Kcfs over the rest of July and August). Implementation of this SOR will provide a constant flow level in the Kootenai River, as recommended by the State of Montana and will provide necessary upper basin storage to attempt to meet 2004 FCRPS BiOp flow targets at McNary Dam for migrating anadromous fish in the lower Columbia River, in July and August of 2007.