

**OFFICIAL COORDINATION REQUEST
FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE: 14LWG 03 AWS Pump #3 Test

COORDINATION DATE: April 8, 2014

PROJECT: Lower Granite Dam

RESPONSE DATE – April 11, 2014

Description of the problem: The Lower Granite project utilizes three auxiliary water supply (AWS) pumps to supply auxiliary water to the adult fishway channel. The project operates with two AWS pumps in service and a third pump held in reserve should a problem develop with one of the operating pumps. The project currently has AWS pumps #1 and #2 operating. AWS pump #3 was recently brought back from delayed winter maintenance. AWS pump #3 needs to be brought on line to ensure operational reliability.

Type of outage required: The requested outage would take place on Monday, April 14, 2014 from 11:00 am to approximately 13:00 am. After the switch takes place, AWS pump #1 and AWS pump #3 would remain in continuous operation (assuming successful pump 3 operation).

Impact on facility operation: Minimal due to a two hour switch-out. AWS pumps #1 & #2 would be shut down and bulkheads put in place to switch from AWS pump #2 over to AWS pump #3.

Length of time for repairs: The estimated length of time to make the switch should be two hours or less.

Expected impacts on fish passage: Impacts to adult fish passage should be minimal since the planned AWS pump switch will be taking place later in the morning after the main movement of adult fish up the ladder has taken place. See the attached graph. From April 1 through April 7 only one adult Chinook passed the ladder. Adult steelhead passage through the ladder over the same period ranged from a high of 140 to a low of 67 and the trend is downward.

Comments from agencies:

Final results:

