**Date: 9/29/2015**

**From: Bob Cordie, The Dalles Fisheries**

**THE DALLES FISHWAY PROTECTION FOR UPSTREAM OIL SPILLS**

Concern was raised for fishway protection in the event of a catastrophic oil spill. Initially the plan was to deploy temporary skirted boom when a spill occurs via project spill response team. However, after several drills, timing and feasibility showed unlikely success. Therefore a permanent boom was chosen as a protection measure for the east fishladder exit. This is the same protection method used for Bonneville. The plan for this installation was coordinated with FPOM. Installation is planned for 2016. The north fishway has a steel debris guard that may work, but evaluation of need for more booms will follow.

On a larger scale, oil containment and recovery is preferred. The dam is considered a barrier for containment. Therefore, multiple operational changes may be required. The following are possible operational changes and considerations for each. These changes may be made prior to the formation of unified command. Unified command will make decisions once formed.

**Fishladders** - monitor for oil entrainment; deploy secondary absorbent boom if needed; partially close the exit bulkhead if needed; fully close exit bulkhead and dewater fishway if needed. **Fishways AWS** –deploy boom PUD intake, monitor for oil entrainment; reduce unit loads as directed; shut down units as directed. **Spillway** –monitor oil entrainment; reduce spill volume in increments as directed; close spillway as directed. **Sluiceway** –monitor oil entrainment; close sluicegates if needed; possible endgate closure if needed, quickly.

**Powerhouse priority** –adjust turbine load as specified by unified command.