

USACE

Chief Joseph Dam Spillway Sump Pump & Control Upgrade



DIVISIONS

Olsson Industrial Electric
Olsson Controls
OS Engineering



LOCATION

Douglas County, WA



START DATE

October 2023



END DATE

In Progress

SCOPE OF WORK:

- Removal and replacement of existing conduit, wiring, and PLC controls for the following:
 - (2) Vertical line shaft motors
 - (5) Water jacketed submersible pumps
- Addition of 5kV switchgear SP1, SP2, SP3, SP4, SP5, SP6, and SP7 to the new PLC controls system
- Troubleshooting of existing 5kV breakers to assure they are NEC compliant with new pump motors
- Installation of conduit and wiring for new trolley system
- Engineering support to USACE throughout Project