**CENWP-OD-DEX 20 June 2023**

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 23DEX01 0MW Restriction**

**Description of the problem:**

From 13 June to 16 June 2023, the Dexter Powerhouse was limited to a 0MW restriction from 0730 to 1800 daily. This restriction is due to ongoing work at Lookout Point Dam requiring power generation to be limited at the Dexter Dam Powerhouse.

**Type of event:**

No generation turbine unit outage. An outage at Lookout Point and the associated loss of protective relaying is cause for this notice.

**Impact on facility operations:**

The 0MW restriction will cause units to be unable to provide the typical flows downstream of Dexter Dam and will require releases from the spillway.

**Expected impacts to fish:**

Impacts to ESA listed Middle Fork Willamette Spring Chinook could include effects from increased Total Dissolved Gasses (TDG) below Dexter. Juvenile Chinook are expected to have migrated downstream at this time. Adult Chinook could experience impacts as they return to the Dexter Adult Fish Facility. TDG estimates are for approximately 112.5% with the release of 3200 cubic feet per second from the spillway.

**Corrective Actions:**

Spillway gates will be operated to maintain attraction flow to the Dexter Fish Facility typically provided by the unit flow, as per section 4.3.1 of the WFOP. Releases will be split amongst multiple spillway gates to improve TDG conditions.

**Comments from agencies:**

Please email with questions or concerns, thank you.

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Sincerely,

Project Fisheries