

PUGET POWER

September 17, 1990

Roy Bishop
Department of Ecology Northwest Region
4350 - 150th Avenue N.E.
Redmond, WA 98052-5301

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DEPT. OF ECOLOGY

Dear Mr. Bishop:

In accordance with the recent discussions between Puget Power and representatives from the State of Washington Department of Ecology, we are submitting this letter along with a completed application for change of water right. As indicated in this application, Puget Power is applying to add additional points of water withdrawal, to expand the point of withdrawal from a single intake point to multiple intake points within the same river reach as the present intake and lastly to change the purpose of the diversion to include fish propagation on up to 12 cfs of the existing water right claim. We want to emphasize that this 12 cfs represents a re-use of the water and that we are not requesting an enlargement of our existing water right claim.

In this submittal Puget Power is also requesting the withdrawal or cancellation of the previously submitted Surface Water Application #51-25687 upon the acceptance of this application, receipt of remittance (enclosed) and publication of appropriate legal notices.

By way of background the White River Hydroelectric Project consists of a diversion dam, surface water intakes, a flowline including concrete and wood lined flumes, open settling basins, an open unlined canal in native materials, a concrete reinforced steel pipeline, Lake Tapps, the off-channel storage reservoir for the Project, steel penstocks, two powerhouses, an open tailrace canal leading from the lower powerhouse to the White River at RM 3.60. The fish hatchery is designed for use of 10 cfs of water. The hatchery consists of a well field, raceways and adult holding facilities. These facilities are all located within the lands identified in the Project legal description.

By this action Puget intends to add a new project intake on the right bank of the White River approximately 2200 ft upstream and across from the present project intake as shown in the attached figure. The surface water intake is designed to take a maximum of 12 cfs of which 2 cfs is used to backwash the intake filters, thus leaving 10 cfs for facility use within the hatchery. The well field is rated at 5 cfs but can only be expected to produce that amount of water during the rainy season or when the White River is in active hydraulic continuity with the well field at river flows in excess of about 1000-1500 cfs.

The hatchery is designed for a maximum inflow rate of 10 cfs and for that reason this application is limited to the design criteria. All the water

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