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Director

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

April 29, 1993

Mr. W.J. Finnegan, Vice President
Engineering
Puget Sound Power and Light Company
P.O. Box 0868
Bellevue, WA 98009-0688

Dear Mr. Finnegan:

This letter is in response to your April 30, 1992, request for Water Quality Certification for the White River Hydroelectric Project (FERC No. 2494), as required by Section 401 of the Federal Clean Water Act. Ecology received your request May 1, 1992. By this letter, certification is hereby granted to the Puget Sound Power and Light Company (hereafter referred to as "licensee"), provided the following conditions are met.

I. **MINIMUM INSTREAM FLOW REQUIREMENTS**

The diversion of water for the production of power at the White River Hydroelectric Project Diversion at River Mile 24.3 shall be subject to the following minimum instream flow requirements, measured immediately downstream of the point of diversion, in cubic feet per second. These requirements shall apply from the point of diversion to the powerhouse tailrace. The licensee shall operate the project to ensure that at least the minimum instream flow, as required below, is maintained at all times. When the river flow immediately upstream of the diversion point is at or below these requirements, the licensee shall cease to divert water until such time as the instream flows specified below are exceeded.

Dates	Flow Requirement
January 1 - 31	306 cfs
February 1 - 28 (or 29)	299 cfs
March 1 - 31	308 cfs
April 1 - 15	314 cfs
April 16 - 30	364 cfs
May 1 - 31	373 cfs
June 1 - 30	333 cfs
July 1 - 31	339 cfs
August 1 - 31	342 cfs
September 1 - 30	342 cfs
October 1 - 31	490 cfs
November 1 - 15	385 cfs
November 16 - 30	310 cfs
December 1 - 31	304 cfs

II. RAMPING RATE REQUIREMENTS

The licensee shall not allow ramping rates at the diversion and at the confluence of the tailrace and the White River to exceed the rates specified in the schedule below:

Season	Daylight Rates	Nighttime Rates
Feb. 16 - June 15	No ramping allowed	2 inches per hour
June 16 - Oct. 31	1 inch per hour	1 inch per hour
Nov. 1 - Feb. 15	2 inches per hour	2 inches per hour

Daylight is defined as one hour before sunrise to one hour after sunset. Nighttime is defined as one hour after sunset to one hour before sunrise.

Ramping rate refers to the rate of stage decline.

A request for modification of the ramping rate conditions of this certification may be submitted to the Department of Ecology after completion of a site-specific ramping rate study conducted in cooperation with state and federal fish and wildlife agencies and affected Tribes.

III. INSTREAM FLOW REPORTING REQUIREMENTS

The licensee shall be responsible for measuring and recording the volume of water released into the project bypass reach of the White River. Flow data shall be reported to the Water Quality Program, Department of Ecology, Southwest Region Office on a monthly basis. Data shall be submitted as daily minimum flows and shall be accompanied by a letter summarizing the frequency and length of incidents during which instream flows released at the point of diversion were less than that required pursuant to Section I above. An explanation of the circumstances causing such incidents shall be provided.

IV. OIL AND HAZARDOUS MATERIALS SPILL PREVENTION AND CONTROL

An Oil and Hazardous Materials Spill Prevention and Contingency Plan, hereafter referred to as the "Spill Plan," shall be provided for review to Ecology prior to the commencement of construction activities of the White River Hydroelectric Project. The plan shall describe the spill prevention and control measures of oil and hazardous materials during the operation, storage and maintenance of all equipment and materials at the site used during construction and operation of the project. Such equipment shall include, but not be limited to, motorized equipment, the turbine/generator set and oil-filled transformers and capacitors and all other related equipment and facilities. The Spill Plan

shall include, but not be limited to, elements which address and demonstrate the following:

A. That extreme care shall be taken to prevent any toxic or deleterious materials from entering state waters.

B. That all oil and hazardous materials shall be stored on an impervious surface and that all such storage areas shall be diked to contain spillage and discharges in the event of storage tank failures.

C. That all equipment, including but not limited to, fuel hoses and oil drums, shall be used, maintained, stored and constructed properly to prevent discharges.

D. That proper security shall be maintained to prevent and discourage vandalism which may result in impermissible or accidental discharges.

E. That in the event of an impermissible or accidental discharge of any oil or hazardous materials into state waters, or on land with a potential for entry into state waters, containment and cleanup efforts shall begin immediately and be completed as soon as possible; that no emulsifiers or dispersants are to be used in waters of the state without prior approval of the Department of Ecology; that cleanup shall include the proper disposal of any spilled material and materials used in the cleanup; and that, in the event of an impermissible or accidental discharge of any oil or hazardous materials into state waters, Ecology shall be notified immediately by telephone at (206) 753-2353 (24-hour number).

F. That there shall be specific training for spill prevention, containment and cleanup for each employee and worker at the project site and that there shall be a clear chain of authority and written-reporting procedures in case of an impermissible or accidental discharge.

G. That the Spill Plan shall be on site at all times and shall be made easily available for review by Ecology inspectors and all project workers, and that all project workers shall be familiar with procedures contained therein.

H. That all spill prevention and control measures identified in the spill plan shall be implemented prior to the commencement of construction.

V. OTHER LAWS AND REGULATIONS

Nothing in this certification shall be construed as to allow the licensee, project operator or other responsible persons to violate Washington State water quality laws and regulations or other applicable regulations, including but not limited to, Chapter 90.48 RCW, Chapter 173-201A WAC, Chapter 90.56 RCW and Chapter 90.76 RCW.

VI. PENALTIES FOR FAILURE TO COMPLY

Failure to comply with the conditions described above may result in revocation of this water quality certification and issuance of civil penalties in accordance with the enforcement policies and guidelines of the Department of Ecology.

Sincerely,

William H. Backous, P.E.
Southwest Region Supervisor
Water Quality Program

WHB:pb

cc: Lois Cashell, Secretary, FERC
Arthur Martin, Regional Director, FERC Portland
White River Service List