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STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

June 15, 1990

Mr. Roger D. Woodworth
Hydropower License Administrator
Washington Water Power Company
P.O. Box 3727
Spokane, WA 99220

Dear Mr. Woodworth:

The Washington Water Power Company filed an application for a license for a major water project with the Federal Energy Regulatory Commission (FERC) in Spokane County, Washington (T.25N R43E- before Spokane County), 1990 under FERC No. 2545-015 for the Monroe Street Hydroelectric Development Project.

Ecology finds that adequate information, necessary to make an informed decision on the merits of the request for water quality certification, has been provided.

This agency certifies that the project described above complies with the applicable provisions of section 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act, as amended. This certification is subject to the following conditions:

1. An Oil Spill Prevention, Containment, and Countermeasure Plan must be prepared that covers all oil-filled equipment to be installed at the site. This equipment includes the turbine/generator set and all oil-filled transformers and capacitors to be installed at the dam to serve this project.

2. Care must be taken to prevent any petroleum products, paint, chemicals, or other harmful materials from entering the water.

3. All construction debris will be disposed of on land so that it cannot enter state water.

4. Work in the waterway will be done so as to minimize turbidity.

5. All lumber treated with creosote or other protective material will be completely dry before use in or near the waterway.

6. Concrete will be cured a minimum of seven (7) days before any contact with water.

7. Mobile equipment that enters the water shall be maintained such that a visible sheen from petroleum products shall not appear.

8. Five (5) days advance notice must be given to Ecology before dredging or other work in the waterway commences.

9. A Water Quality Standards Modification must be obtained from Ecology prior to the start of work in the waterway. The plan of work for the portion of the project within the waterway shall accompany the request. The request should also include a copy of the Hydraulics Project Approval secured form the Department of Fisheries or Wildlife for the project, and an explanation of how SEPA has been addressed for the project.

10. Discharge of process wastewater to waters of the state without a permit is prohibited. A plan for the treatment and disposal of process wastewater generated by the facility must be approved by Ecology prior to the operation of the final facility.

I. CONSTRUCTION ACTIVITIES

A. The construction contractor shall use all reasonable measures to prevent or minimize the impacts of construction activities on state ground and surface waters. These measures include Best Management Practices to control erosion and sedimentation, proper use of chemicals, oil and chemical spill prevention and control, clean-up of surplus construction supplies and other solid wastes, adequate operation and maintenance of sedimentation ponds, and separation of construction areas from state surface waters by dikes, cofferdams, or similar structures.

B. All sedimentation ponds shall be cleaned out and the settled sediment shall be removed form the pond area or otherwise stabilized before the ponds are decommissioned. Settled sediments shall not be allowed to enter state ground or surface waters.

1. All construction debris shall be properly disposed of on land in such a manner that it cannot enter into the waterway or cause water quality degradation to state waters.

2. Work in or near the waterway shall be done so as to minimize turbidity, erosion, other water quality impacts, and stream bed deformation.

3. All areas disturbed or newly created by the project construction will be seeded, riprapped with clean, durable riprap or given some other equivalent type of protection against erosion.

4. Extreme care shall be taken to prevent any petroleum products, fresh cement, lime or concrete, chemicals, or other toxic or deleterious materials form entering the water in any manner.

5. Fresh, uncured concrete in direct contact with the water is toxic to aquatic life. All concrete shall be poured in the dry and shall be allowed to cure a minimum of seven (7) days before contact with water.

6. All lumber treated with creosote or other protective material shall be completely dry before use in or near the waterway.

7. Dredge spoils shall be transported and disposed of in a manner that prevents the spoils from entering state waters and prevents leachates or drainage from the spoils from degrading water quality.

II. WATER QUALITY CRITERIA

A. At the point of discharge, the water shall not exceed the following criteria:

Total Suspended Solids (TSS): Maximum for any one day: 45 mg/l. Average of daily values for 30 consecutive days shall not exceed: 25 mg/l.

All other requirements of WAC 201-173-045(c) remain in effect.

Toxic conditions resulting in distressed or dying fish are not allowed. If these conditions exist, construction shall cease immediately and this Department shall be notified immediately by telephone at (509) 456-2926. (24 hour number).

Wastewater containing cement, such as washwater from concrete trucks, shall not be discharged to state ground or surface waters without acquiring a waste discharge permit from the Department authorizing such discharge.

B. Water Quality Monitoring and Reporting:

Representative samples shall be taken at a minimum once a week during project construction. A detailed monitoring schedule will be part of the Water Quality Standards Modification.

Monitoring results shall be submitted within seven days of sample collection to the Eastern Regional Office of the Department of Ecology, North 4601 Monroe, Suite 100, Spokane, WA 99205-1295.

A more rigorous sampling program for any of the water quality parameters may be required by the Department if necessary, to protect water quality.

Grab samples shall be collected during project construction period at the point of discharge of the sedimentation pond.

III. OIL SPILL PREVENTION AND CONTROL

Care shall be taken to prevent discharges of oil from equipment or facilities into state waters or onto adjacent land.

Visible floating oils released from construction area shall be contained and removed from water immediately.

All land-based oil storage tanks shall be diked or located so as to prevent oil spills from escaping to the water. The petroleum storage area shall be impervious to prevent oil from seeping through the ground.

Fuel hoses, oil drums, etc., shall be checked regularly for drips or leaks, and shall be maintained and stored properly to prevent discharges. Proper security shall be maintained to discourage vandalism.

In the event of a discharge of oil, fuel or chemicals into state waters, or onto land with a potential for entry into state waters, containment and clean-up efforts shall begin immediately and be completed as soon as possible, taking precedence over normal work. Clean-up shall include proper disposal of any spilled material and used clean-up materials.

No emulsifiers or dispersants are to be used in waters of the state without approval from the Eastern Regional Office of the Department of Ecology.

In the event of any petroleum product or other chemical spill into state ground or surface waters or onto land with a potential for entry into state ground or surface waters, this Department shall be notified immediately by telephone at (509) 456-2926 (24 hour number).

IV. ADDITIONAL REQUIREMENTS

The construction activities must comply with all conditions of the Washington Department of Wildlife Hydraulic Project Approval.

Improvements to fish habitat (placement of boulders and gravel,e.g.) must be done in a manner to minimize turbidity.

A State Water Right Permit (Chapters 90.03.250 RCW and 508-12 WAC) must be applied for prior to commencing construction of the project.

Sincerely,

Carl J. Nuechterlein
Section Supervisor
Water Quality Section
Eastern Regional Office
Department of Ecology
State of Washington

CJN:DC:sg

cc: Deborah Frazier-Stutely/FERC
Rod Sakrison/Ecology, Olympia
Rick Vining/Ecology, Olympia
Dave Rasgdale/EPA, Olympia

CERTIFIED MAIL (P 854 469 892)