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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

June 6, 1995

Mr. James E. Rasmussen, Director
Environmental Assurance, Permits, and Policy Division
U. S. Department of Energy
Richland Operations Office
P.O. Box 550, MSIN: A5-15
Richland, WA 99352-0550

Dear Mr. Rasmussen:

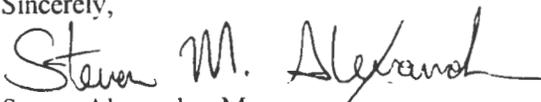
Re: Temporary Water Quality Standards Modification - Hanford 100 Area 181-B/C and 181-D River Screens Replacement

Enclosed is a temporary water quality standards modification for activities associated with the replacement of fish screens at the 100-B/C and 181-D water intakes on the Hanford Site. The U.S. Department of Energy, Richland Operations Office, requested the modification in a letter received April 5, 1995.

The State Environmental Policy Act (SEPA) determination was completed for this project and no adverse comments were received during a two week public comment period, which ended May 19, 1995. The SEPA determination supported both the temporary water quality modification by the Washington State Department of Ecology and the hydraulic permit approval by the Washington State Department of Fish and Wildlife.

If you have any questions regarding this letter, or the conditions set forth in the temporary water quality modification, please contact Steve Skurla at (509) 736-3011.

Sincerely,


Steven Alexander, Manager
Perimeter Section
Nuclear Waste Program



SS:skr
Enclosure

cc: Randy Krekel, USDOE
Donna Powaukee, Nez Perce Tribe
Kathy Tollefson, WHC
Administrative Records:
Liquid Effluents Consent Order ✓

Russell Jim, Yakama Indian Nation
J. R. Wilkinson, Confederated Tribes of the Umatilla
Indian Reservation

DEPARTMENT OF ECOLOGY

IN THE MATTER OF THE REQUEST BY)
 UNITED STATES DEPARTMENT OF ENERGY) ORDER
 FOR TEMPORARY MODIFICATION OF) No. DE-95NM-024
 WATER QUALITY STANDARDS)

TO: James E. Rasmussen
 U.S. Department of Energy
 Richland Operations Office
 P.O. Box 550
 Richland, WA 99352

On April 5, 1995, the United States Department of Energy submitted a request for temporary modification of the water quality criteria of the Columbia River during the period August 1, 1995 through August 31, 1995 for the purpose of dredging to support the replacement of river screens at the 181 B/C and 181 D water intakes.

In view of the foregoing and in accordance with Revised Code of Washington (RCW) 90.48.120(2):

IT IS ORDERED that the water quality criteria specified in Washington Administrative Code (WAC) 173-201A-030(2)(c)(vi) are hereby modified for a limited period beginning August 1, 1995 and terminating at midnight, August 31, 1995 for dredging in that portion of the Columbia River described in the water quality standards modification application form.

This modification is subject to the following condition(s):

1. The applicant shall properly dispose of all construction debris 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. A silt curtain or barrier shall be used to minimize water quality impacts to the main channel of the Columbia River.
3. All planned sediment and erosion control measures shall be adjusted to meet field conditions at the time of construction so as to provide effective sediment and erosion control.

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4. All areas disturbed by the project construction will be seeded or given some other equivalent type of protection against erosion.
5. Extreme care shall be taken to prevent any petroleum products, fresh cement, lime or concrete, chemicals, or other toxic or deleterious materials from entering the water in any manner.
6. Use of a maximum of two cubic feet of cement grouting will be allowed to secure eight metal plates to the existing underwater concrete structure. The grout will be pumped into plywood forms around each base plate. Forms shall be kept in place until the grout is fully cured.
7. All lumber treated with creosote or other protective material shall be completely dry before use in or near the waterway.
8. Dredge spoils and/or excess excavated material 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.
9. The spoils will be contoured to conform to the existing topography.
10. If a hydraulic dredge is used, the dredge will be operated to the extent feasible with the intake at or below the surface of the material being removed.
11. If a clamshell is used, all digging passes shall be completed without any material, once in the bucket, being returned to the waterway.
12. The activities must comply with all conditions contained in the Washington Department of Fish and Wildlife Hydraulic Project Approval (Control Number 00-A3722-02).
13. All dredging must be completed between August 1, 1995 August 31, 1995, and any future dredging will require reapplication for a water quality standards modification.

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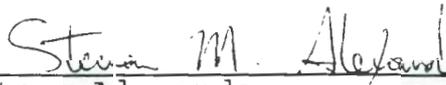
14. This approval does not relieve the applicant from the responsibility of meeting applicable regulations of other agencies.
15. Mobile equipment that enters the water shall be maintained and operated such that a visible sheen from petroleum products will not appear.
16. Melodie Selby, Unit Supervisor for Ecology, must be notified at (509) 736-3021, at least 24 hours prior to commencement of this work.
17. In the event of a spill or unauthorized discharge to waters of the state, the U.S. Coast Guard, Group Portland shall be notified immediately at (503) 240-9300. Additional notifications shall be made as required by law.

The Department retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to further protect the public interest during the modification period.

Any person who fails to comply with any provision of this Order shall be liable for a penalty of up to ten thousand dollars for each day of continuing noncompliance.

Any person feeling aggrieved by this order may obtain review thereof by application; within thirty (30) days of receipt of this order, to the Washington Pollution Control Hearings Board, P. O. Box 40903, Olympia, Washington 98504-0903. Concurrently send to the Director of the Department of Ecology, P. O. Box 47600, Olympia, Washington 98504-7600, a copy of the application for review and a copy to the Nuclear Waste Program, Department of Ecology, 1315 West Fourth Avenue, Kennewick, WA 99336. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

DATED at Kennewick, Washington



Steve Alexander
Nuclear Waste Program
Department of Ecology