



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

RECEIVED
JUN 9 1997

JUN 05 1997

97-STP-362

Ms. Marilyn B. Reeves, Chair
Hanford Advisory Board
723 The Parkway, Suite 200
Richland, Washington 99352

Dear Ms. Reeves:

100-D AREA TREATABILITY STUDY

We appreciate your continuing interest and support of the In Situ Redox Manipulation (ISRM) Technology being considered for treatment of the chromium plume at the Hanford 100-D Area.

The U.S. Department of Energy, Richland Operations Office (RL) will ensure that the Hanford Advisory Board values are considered in all current and future planning and execution related to the ISRM Technology. We are addressing the conditions presented in your letter of May 2, 1997, as follows:

1. Long-term Monitoring: The monitoring associated with the ISRM Treatability Study and the Deployment Initiative will be incorporated into the Hanford Groundwater Monitoring Plan to assume continued long-term monitoring after completion of the study. Monitoring will continue until downgradient wells achieve 90 percent reoxygenation as compared to upgradient wells. Monitoring will include analyses for uranium and total chromium.
2. Long-term Mitigation: In the event that the anoxic treatment zone associated with ISRM Study poses an environmental risk to the Columbia River hypoheric environment, RL will ensure that appropriate action is taken to mitigate the impacted area. Potential actions include incorporation of the zone into the pump-and-treat capture zone or other means of reoxygenation.
3. Address Peer Review Recommendations: Additional funding has been provided by the Office of Science and Technology to support responding to the recommendations of the American Society for Mechanical Engineers Peer Review Panel.

Ms. Marilyn B. Reeves
97-STP-362

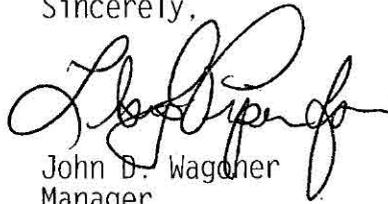
-2-

JUN 05 1997

4. Characterization to Address the Test Plan and Deployment: RL has agreed to fund, and initiate this fiscal year, additional characterization of the 100-D Area Hot Spot. This characterization program is intended to provide the information necessary to define the magnitude and extent of the area containing high chromium concentrations.

If you have any further questions, please contact Deborah E. Trader, Director, Science and Technology Programs Division, on (509) 372-4035. Thank you again for your interest and support in this issue.

Sincerely,



John D. Wagoner
Manager

STP:DLB