



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

0056125

02-RCA-125

JAN 16 2002

Mr. M. A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
1315 W. Fourth Avenue
Kennewick, Washington 99336

RECEIVED
JAN 23 2002

EDMC

Dear Mr. Wilson:

HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER MILESTONE M-16-27B, COMPLETE 100-HR-3 PHASE II, IN SITU REDOX MANIPULATION (ISRM) BARRIER EMPLACEMENT, December 31, 2001

The U.S. Department of Energy, Richland Operations Office (RL), has accomplished the subject milestone by completing the 100-HR-3 Phase II ISRM planning, well installation, and barrier emplacement at the 100-D Area within the 100-HR-3 Operable Unit. The subject milestone was completed on November 20, 2001. Twenty-eight new wells were installed and injected with sodium dithionite to establish Phase II of the ISRM treatment barrier. Completion of Phase II satisfies Milestone M-16-27B requiring RL to complete emplacement of Phase II of the ISRM barrier by December 31, 2001.

The Record of Decision Amendment (ROD), signed by the State of Washington, Department of Ecology, RL and the U.S. Environmental Protection Agency in October 1999, specifies, "...the installation of the treatment barrier shall be initiated within 15 months after signing the ROD Amendment and fully implemented by the end of FY 2002. Design and schedule will be implemented in accordance with Remedial Design Report/Remedial Action Work Plan (RDR/RAWP)." The RDR/RAWP provides a schedule for emplacement of Phase I, II, and III of the barrier by December 31, 2000, December 31, 2001, and September 30, 2002 respectively.

If you have any questions, please contact Alex E. Teimouri, of my staff on (509) 376 6222, or you may contact Arlene C. Tortoso, Waste Management Division on (509) 373-9631.

Sincerely,

Joel Hebdon, Director
Regulatory Compliance and Analysis Division

RCA:AET

cc: See page 2

Mr. M. A. Wilson
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cc:

M. L. Blazek, Oregon Energy
G. A. Day, BHI
J. S. Hertzell, FHI
R. Jim, YN
T. Martin, HAB
G. B. Mitchem, BHI
J. Price, Ecology
J. H. Richards, CTUIR
P. Sabotta, NPT
D. R. Sherwood, EPA
W. W. Soper, Ecology
R. F. Stanley, Ecology
Admin. Record (100-HR-3 OU)

bcc:

M. K. Harmon, EM-43
J. G. Morse, GW/VZ
J. P. Sands, ERD
A. E. Teimouri, RCA
A. C. Tortoso, WMD

Record Note: A draft letter was sent to RCA, OCC, and GW/VZ for review and comment by email on December 10, 2001. One comment was received and the letter was revised. Problem with E-Stars.