Appendix A

U.S. Department of Energy News Release

Appendix A

U.S. Department of Energy News Release

Appendix A contains a copy of the public notification prepared and distributed to inform the general public of the beginning of the 5-year review process required under the Comprehensive Environmental Response, Compensation, and Liability Act.

DOE News Release

FOR IMMEDIATE RELEASE

August 5,2002

INEEL conducts interim five-year review of Test Reactor Area remediation activities

The U.S. Department of Energy's Idaho National Engineering and Environmental Laboratory is conducting a routine review of the completed cleanup actions and implemented protective measures at the Test Reactor Area.

This review is being conducted in accordance with the requirements of the 1991 Federal Facility Agreement and Consent Order signed by DOE, the U.S. Environmental Protection Agency, and state of Idaho. The Test Reactor Area is designated as Waste Area Group 2 in the FFA/CO. The 1997 Record of Decision for the Test Reactor Area outlined actions to be taken to protect human health and safety and the environment.

The Interim Five-year Remedy Review Report details the results of an evaluation and review of the completed cleanup actions and implemented protective measures called institutional controls at all 20 sites at the Test Reactor Area. This review is required to be performed every five years at sites whenever contamination is left in place to ensure remedies remain protective of human health and safety and the environment.

Previous cleanup actions involved the remediation of a wastewater disposal pond contaminated with cesium-137 and chromium; the removal of wind-blown contaminated soils; the implementation of a groundwater monitoring program for the perched water system; and the relocation of INEEL-contaminated soils to a wastewater disposal pond at the Test Reactor Area.

The Test Reactor Area was built in 1952 with the mission of studying the effect of radiation on materials, fuels and equipment using seven reactors, especially the Materials Test Reactor (1952-1970), the Engineering Test Reactor (1957-1981) and the Advanced Test Reactor (1967-present).

The current mission of the Test Reactor Area is wet storage of spent nuclear fuel; operation of the INEEL's largest reactor – the Advanced Test Reactor – for research supporting the U.S. Navy and other customers; and to produce isotopes for medicine and industry.

More information on the Test Reactor Area is available online at: http://www.inel.gov/publicdocuments/factsheet/tra-fsheet.pdf . Detailed information is available in the Administrative Record file for Operable Unit 2-13. The Administrative Record is located at the DOE Reading Room of the INEEL Technical Library in Idaho Falls. Copies can be found at Albertson's Library on the Boise State University campus and the University of Idaho Library

in Moscow. The Administrative Record can be accessed on the Internet at http://ar.inel.gov/home.html.

The INEEL is a science-based, applied engineering national laboratory dedicated to supporting the U.S. Department of Energy's missions in environment, energy, science and national security. The INEEL is operated for the DOE by Bechtel BWXT Idaho, LLC.

—INEEL—

Media contact: **Stacey** Francis 526-0075 syf@inel.gov

02-xx

Visit **us** on **the** web at www.inel.gov

Appendix B

Associated Documents

Appendix B

Associated Documents

Amett, R. C., T. R. Meachum, and P. J. Jessmore, 1995, *Post Record of Decision Monitoring for Test Reactor Area Perched Water System OU 2-12—Second Annual Technical Memorandum,* KLF-252-95, Revision *0,* Idaho National Engineering and Environmental Laboratory, August 1995.

Amett, R. C., T. R., Meachum, and P. J. Jessmore, 1996, *Post-Record of Decision Monitoring for the Test Reactor Area Perched Water System Operable Unit 2-12—Third Annual Technical Memorandum,* INEL-96/0305, Revision *0,* Idaho National Engineering and Environmental Laboratory, August 1996.

Arnett, R. C. and R. P. Smith, 2001, "WAG 10 Groundwater Modeling Strategy and Conceptual Model (Draft)," INEEL/EXT-01-00768, Revision B, Idaho National Engineering and Environmental Laboratory, September 2001.

Bartholomay, R. C., Brennan R. Orr, M. J. Liszewski, and R. J. Jensen, 1995, *Hydrologic Conditions and Distribution of Selected Radiochemical and Chemical Constituents in Water, Snake River Plain Aquifer, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho, 1989 through 1991,* USGS Water-Resources Investigation Report 95-4175.

Dames & Moore, 1992, *Remedial Investigation Report for the Test Reactor Area Perched Water System (Operable Unit 2-12),* EGG-WM-10002, Revision *0,* Idaho National Engineering and Environmental Laboratory, June 1992.

Dames & Moore, 1993, *Post Record of Decision Monitoring Plan for the Test Reactor Area Perched Water System Operable Unit 2-12,* EGG-ER-10547, Revision *0,* Idaho National Engineering and Environmental Laboratory, June 1993.

DOE-ID, 1987, *Consent Order and Compliance Agreement,* U.S. Department of Energy Idaho Operations Office; U.S. Environmental Protection Agency, Region 10; and the U.S. Geological Survey, July 10, 1987.

DOE-ID, 199la, *Federal Facility Agreement and Consent Order for the Idaho National Engineering Laboratory,* Administrative Record No. 1088-06-29-120, U.S. Department of Energy Idaho Operations Office; **U.S.** Environmental Protection Agency, Region 10; Idaho Department of Health and Welfare, December **4,** 1991.

DOE-ID, 1991b, *Declaration for the Warm Waste Pond at the Test Reactor Area at the Idaho National Engineering Laboratory—Declaration of the Record of Decision,* Doc. Id. 3320, Revision 0, **U.S.** Department of Energy Idaho Operations Office, December 1991.

DOE-ID, 1992, *Record of Decision, Test Reactor Area Perched Water System, Operable Unit 2-12, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho,* Doc. Id. 5230, Revision 0, **U.S.** Department of Energy Idaho Operations Office, December 1992.

DOE-ID, 1997a, *Comprehensive Remedial Investigation/Feasibility Study for the Test Reactor Area Operable Unit 2-13 at the Idaho National Engineering and Environmental Laboratory,* DOWID-10531, Revision 0, U.S. Department of Energy Idaho Operations Office, February 1997.

DOE-ID, 1997b, *Final Record of Decision, Test Reactor Area, Operable Unit 2-13,* DOE/ID-10586, Revision 0, U.S. Department of Energy Idaho Operations Office, December 1997.

DOE-ID, 1998a, *Comprehensive Remedial Design/Remedial Action Work Plan for the Test Reactor Area, Operable Unit 2-13,* DOE/ID-10643, Revision *0,* U.S. Department of Energy Idaho Operations Office, September 1998.

DOE-ID, 1998b, *Interim Risk Assessment and Contaminant Screening for the Waste Area Group 7 Remedial Investigation,* DOE/ID-10569, Revision *0,* U.S. Department of Energy Idaho Operations Office, August 1998.

DOE-ID, 2000a, *Explanation of Significant Differences to the Record of Decision for Test Reactor Area Operable Unit 2-13,* DOE/ID-10744, Revision *0,* U.S. Department of Energy Idaho Operations Office, U.S. Environmental Protection Agency, and Idaho Department of Health and Welfare, Division of Environmental Quality, May 2000.

DOE-ID, 2000b, *Remedial Action Report for the Test Reactor Area Operable Unit 2-13,* DOE/ID-10720, Revision 0, U.S. Department of Energy Idaho Operations Office, July 2000.

DOE-ID, 2000c, *Operations and Maintenance Plan for the Final Selected Remedies and Institutional Controls at Test Reactor Area, Operable Unit 2-13,* DOE/ID-10658, Revision *3,* **U.S.** Department of Energy Idaho Operations Office, March 2000.

DOE-ID, 2003, *Groundwater Monitoring Plan* for *the Test Reactor Area Operable Unit 2-13,* DOE/ID-10626, Revision 2, U.S. Department of Energy Idaho Operations Office, February 2003.

DOE-ID, 2001a, *Comprehensive Five-Year Review Guidance,* **U.S.** Environmental Protection Agency, Office of Emergency and Remedial Response, EPA 540-R-01-007, June 2001.

DOE-ID, 1996, *Idaho National Engineering Laboratory Comprehensive Facility and Land Use Plan,* DOE/ID-10514, Revision *0,* U. **S.** Department of Energy Idaho Operations Office, March 1996.

Doombos, Martin H., Julie L. Mattick, Deborah 1. McElroy, Leah V. Street, Carolyn **S.** Blackmore, and Craig A. Dicke, 1991, *Environmental Characterization Report for the Test Reactor Area,* EGG-WM-9690, Revision *0,* Idaho National Engineering and Environmental Laboratory, September 1991.

EG&G, 1986, *Installation Assessment Report for EG&G Idaho, Inc., Operations at the Idaho National Engineering Laboratory,* EGG-WM-6875, Revision 0, Idaho National Engineering and Environmental Laboratory, January 1986.

EPA, 2001, *Comprehensive Five-Year Review Guidance,* U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, EPA 540-R-01-007, OSWER Directive 9355.7-03B-P, June 2001.

EVS, 2002, Environmental Visualization System, Pro Version EVS/MVS, Version 5.75, May 6, 2002.

INEEL, 2002, *FY-2002 Annual Institutional Controls Inspection Report for the Test Reactor Area, Operable Unit 2-13 and 2-14 (Final)*, INEELEXT-02-00933, Revision 0, Idaho National Engineering and Environmental Laboratory, October 2002.

INEEL, 2003, *End of Well Report for MIDDLE-1823 Waste Area Group 10 Deep Corehole Vertical Profile*, INEELEXT-03-00392, Revision 0, Idaho National Engineering and Environmental Laboratory, April 2003.

INEEL, 2001a, *Institutional Controls Annual Monitoring Report for the Test Reactor Area, Operable Unit 2-13*, INEEL/EXT-2000-01413, Revision 0, Idaho National Engineering and Environmental Laboratory, February 2001.

INEEL, 2001b, *Radiation Characterization and Profile Estimation at the Waste Area Group 2, Test Reactor Area, Warm Waste Pond and Sewage Leach Pond Boundary Area, OU 2-13, at the Idaho National Engineering and Environmental Laboratory*, INEEL/EXT-01-00288, EDF-ER-309, Revision 0, Idaho National Engineering and Environmental Laboratory, June 2001.

INEEL, 2002, *FY-2002 Annual Institutional Controls Inspection Report for the Test Reactor Area, Operable Units 2-13 and 2-14 (Final)*, INEEL/EXT-02-00933, Revision 0, Idaho National Engineering and Environmental Laboratory, October 2002.

Jensen, N. R. and R. A. Montgomery, 1993, *Explanation of Significant Differences for the Warm Waste Pond Sediments Record of Decision at the Test Reactor Area, at the Idaho National Engineering Laboratory*, 5253, Revision 0, Idaho National Engineering and Environmental Laboratory, March 1993.

Rood, S. M., G. A. Harris, and G. J. White, 1996, *Background Dose Equivalent Rates and Surficial Soil Metal and Radionuclide Concentrations for the Idaho National Engineering Laboratory*, INEL-94/0250, Revision 1, Idaho National Engineering and Environmental Laboratory, August 1996.

Sehlke, Gerald, D. E. Davis, Paul J. Smith, J. J. Jacks, and S. J. Williams, 1994, *Comprehensive Well Survey for the Idaho National Engineering Laboratory*, Volumes 1–4, DOE/ID-10402, Revision 3, Idaho National Engineering and Environmental Laboratory, May 1994.

Sherwood, J., R. Filemyr, D. Meadows, and J. Tucker, 1994, *Preliminary Scoping Track 2 Summary Report for the Test Reactor Area Operable Unit 2-04: Fuel Spill*, EGG-ER-1111-, Revision 2, Idaho National Engineering and Environmental Laboratory, March 1994.

Smith, R. P., 2002, *Aquifer Thickness Assessment for Use in WAG 10, OU 10-08 Groundwater Modeling Activities*, INEEL/INT-01-01458, Revision 0, Idaho National Engineering and Environmental Laboratory.