

For Further Reading

For those interested in the Department of Energy's environmental management program.

U.S. DEPARTMENT OF ENERGY PUBLICATIONS

The following publications can be obtained by calling the Environmental Management Information Center at 1-800-7EM-DATA (1-800-736-3282). Many are available at the Department's Public Reading Rooms around the country.

General Interest

These publications include a broad range of topics relating to the environmental management program and the history of the Department of Energy. They are meant to appeal to the general public.

Fehner, Terrence K., and Jack M. Holl. *Department of Energy, 1977-1994: A Summary History*. DOE/HR-0098. November 1994.

Gosling, F. G. *The Manhattan Project: Making the Atomic Bomb*. Washington, D.C.: U.S. Government Printing Office, September 1994.

Gosling, F. G., and Terence R. Fehner. *Closing the Circle: The Department of Energy and Environmental Management, 1942-1994*, DOE History Division, draft, March 1994.

U.S. Department of Energy. *EM Progress: A Report from the U.S. Department of Energy's Office of Environmental Management*. Published quarterly.

U.S. Department of Energy. *Committed to Results: DOE's Environmental Management Program*. DOE/EM-0152P. Washington, D.C.: U.S. Government Printing Office, April 1994.

U.S. Department of Energy. *Environmental Management Fact Sheets*. Washington, D.C.: U.S. Government Printing Office, August 1994.

U.S. Department of Energy. *Questions and Answers About the U.S. Department of Energy's Environmental Restoration Activities*. DOE/EM-0208. Washington, D.C.: U.S. Government Printing Office, November 1994.

U.S. Department of Energy. *Environmental Management 1994*. DOE/EM-0119. Washington, D.C.: U.S. Government Printing Office, February 1994. Note: *Environmental Management 1995* is to be published in February 1995.

Specific Topics

Many of these publications by the Department of Energy and its *contractors* are more technical in nature and may not appeal to the general-interest reader.

Bates, Mary Ellen, and Kathryn G. Norseth. *Site History of Savannah River*. Department of Energy History Division, January 1993.

Belanger, Dian O. *Site History of the Oak Ridge Reservation*. Department of Energy History Division, January 1993.

Bradley, Donald J., and K. J. Schneider. *Radioactive Waste Management in the USSR: A Review of Unclassified Sources, 1963-1990*. PNL-7182. Richland, Washington: Pacific Northwest Laboratory, March 1990.

Dudgeon, Ruth A. *Site History of the Pantex Plant*. Department of Energy History Division, January 1993.

Gerber, Michele Stenhejem. *The Hanford Site: An Anthology of Early Histories*. WHC-MR-0435. Richland, Washington: Westinghouse Hanford Co., October 1993.

Closing the Circle on the Splitting of the Atom

Gerber, Michele Stenhejem. *Legend and Legacy: Fifty Years of Defense Production at the Hanford Site*. WHC-MR-0293, Rev. 2. Richland, Washington: Westinghouse Hanford Co., September 1992.

Goldman, David I. *Site History of Idaho National Engineering Laboratory*. Department of Energy History Division, January 1993.

Golightly, Eric J. *Site History of the Fernald Environmental Management Project*. Department of Energy History Division, January 1993.

Keystone Center. *Interim Report of the Federal Facilities Environmental Restoration Dialogue Committee: Recommendations for Improving the Federal Facilities Environmental Restoration Decision-Making and Priority-Setting Processes*. Washington, D.C.: U.S. Government Printing Office, February 1994.

U.S. Department of Energy. *Earning Public Trust and Confidence: Requisites for Managing Radioactive Wastes, Final Report of the Secretary of Energy Advisory Board Task Force on Radioactive Waste Management*. Washington, D.C.; U.S. Government Printing Office, November, 1993.

U.S. Department of Energy. *Long Range Master Plan for Defense Transuranic Waste Program*. DOE/WIPP 88-028. Carlsbad, New Mexico, December 1988.

U.S. Department of Energy. *TRU Waste Acceptance Criteria for the Waste Isolation Pilot Plant*, WIPP/DOE-069, Rev. 4. Carlsbad, New Mexico, December 1991.

U.S. Department of Energy. *Interim Mixed Waste Inventory Report: Waste Streams, Treatment Capacities and Technologies*. DOE/NBM-1100. Washington, D.C.: U.S. Government Printing Office, April 1993.

U.S. Department of Energy. *Spent Fuel Working Group Report on Inventory and Storage of the Department's Spent Nuclear Fuel and Other Reactor Irradiated Nuclear Materials and their Environmental, Safety and Health Vulnerabilities*. Washington, D.C.: U.S. Government Printing Office, November 1993.

U.S. Department of Energy. *Making Contracting Work Better and Cost Less. Report of the Contract Reform Team*. DOE/S-0107. Washington, D.C.: U.S. Government Printing Office, February 1994.

U.S. Department of Energy. *Annual Report on Waste Generation and Waste Minimization Progress 1991-2*. DOE/S-0105. Washington, D.C.: U.S. Government Printing Office, February 1994.

U.S. Department of Energy. *Waste Minimization/Pollution Prevention Crosscut Plan for 1994*. DOE/S-0094P. Washington, D.C.: U.S. Government Printing Office, February 1994.

U.S. Department of Energy. *Plan of Action to Resolve Spent Nuclear Fuel Vulnerabilities, Phases I, II, and III*. Washington, D.C.: U.S. Government Printing Office, February, April, and October 1994.

U.S. Department of Energy. *Integrated Data Base for 1993: U.S. Spent Fuel and Radioactive Waste Inventories, Projections and Characteristics*. DOE/RW-0006, Rev. 9. Washington, D.C.: U.S. Government Printing Office, March 1994.

U.S. Department of Energy. *Department of Energy Programmatic Spent Nuclear Fuel Management and Idaho National Engineering Laboratory Environmental Restoration and Waste Management Programs Draft Environmental Impact Statement*. DOE/EIS-0203-D. Washington, D.C.: U.S. Government Printing Office, June 1994.

U.S. Department of Energy. *Plutonium Working Group Report on Environmental, Safety and Health Vulnerabilities Associated with the Department's Plutonium Storage*. DOE/EH-0415. Washington, D.C.: U.S. Government Printing Office, September 1994.

U.S. Department of Energy. *Chemical Safety Working Group Report*. (three volumes.) DOE/EH-0396P. Washington, D.C.: U.S. Government Printing Office, September 1994.

U.S. Department of Energy. *Management Response Plan for the Chemical Safety Working Group Report*. (two volumes.) DOE/EH-0396P. Washington, D.C.: U.S. Government Printing Office, September 1994.

U.S. Department of Energy. *Materials in Inventory Report*. November 1994.

U.S. Department of Energy. *Plutonium Vulnerability Management Plan*. DOE/EM-0199. Washington, D.C.: U.S. Government Printing Office, January 1995.

Zonzon, Joan M. *Site History of Los Alamos*. Department of Energy History Division, January 1993.

PUBLICATIONS FROM OTHER SOURCES

These resources, including *books, pamphlets, and newsletters*, are available from their publishers. Many of them can be found in municipal or university libraries as well. Some of these authors present viewpoints inconsistent with those of the Department of Energy, or include technical data that the Department has not endorsed.

General Interest

These publications cover broad areas of the Department of Energy's nuclear weapons and environmental management programs. Most are meant to appeal to the general public.

Beyond the Bomb: Dismantling Nuclear Weapons and Disposing of their Radioactive Wastes. Peter Gray, editor. San Francisco: The Tides Foundation; and Seattle: Nuclear Safety Campaign, January 1994.

Del Tredici, Robert. *At Work in the Fields of the Bomb*. New York: Harper and Row, 1989.

Facing Reality: The Future of the U.S. Weapons Complex. Peter Gray, editor. San Francisco: The Tides Foundation; and Seattle: Nuclear Safety Campaign, May 1992.

Gerber, Michele Stenhejem. *On the Home Front: The Cold War Legacy of the Hanford Nuclear Site*. University of Nebraska Press, 1992.

Groves, Leslie. *Now It Can Be Told: The Story of the Manhattan Project*. New York: Da Capo Press, 1962.

Hewlett, Richard G., and Oscar E. Anderson, Jr. *The New World, 1939-1946, Volume I of A History of the United States Atomic Energy Commission*. University Park: Pennsylvania State University Press, 1962.

Hewlett, Richard G., and Francis Duncan. *Atomic Shield, 1947-1952, Volume II of A History of the United States Atomic Energy Commission*. University Park: Pennsylvania State University Press, 1969.

Hewlett, Richard G., and Jack M. Holl. *Atoms for Peace and War, 1953-1961, Volume III of A History of the United States Atomic Energy Commission*. Berkeley: University of California Press, 1989.

Johnson, Charles W., and Charles O. Jackson. *City Behind a Fence: Oak Ridge, Tennessee, 1942-1946*. Knoxville: University of Tennessee Press, 1981.

League of Women Voters Education Fund. *The Nuclear Waste Primer, A Handbook for Citizens*, 1993 Revised Edition. Washington, D.C.: U.S. Government Printing Office, 1993.

Lenssen, Nicholas. *Nuclear Waste: The Problem That Won't Go Away*. Worldwatch Paper 106. Washington, D.C.: Worldwatch Institute, December 1992.

May, John. *The Greenpeace Book of the Nuclear Age: The Hidden History, The Human Cost*. Toronto: McClelland & Stewart, 1989.

McPhee, John. *The Curve of Binding Energy*. New York: Farrar, Strauss and Giroux, 1974.

Murray, Raymond L. *Understanding Radioactive Waste*. Columbus, Ohio: Battelle Memorial Press, 1989.

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National Research Council, Commission on Science, Math and Resources. *The Nuclear Weapons Complex: Management for Health, Safety and the Environment*. Washington, D.C.: National Academy Press, 1989.

Robinson, Marilynne. *Mother Country*. New York: Farrar, Straus & Giroux, 1989.

Rhodes, Richard. *The Making of the Atomic Bomb*. New York: Simon and Schuster, 1986.

Shulman, Seth. *The Threat at Home*. Boston: Beacon Press, 1992.

Teller, Edward, with Allen Brown. *The Legacy of Hiroshima*. Garden City, New York: Doubleday and Co., 1962.

Udall, Stewart L. *The Myths of August: A Personal Exploration of our Tragic Cold War Affair with the Atom*. New York: Pantheon Books, 1994.

U.S. Congress, Congressional Budget Office. *Cleaning Up the Department of Energy's Nuclear Weapons Complex*. Washington, D.C.: U.S. Government Printing Office, May 1994.

U.S. Congress, Office of Technology Assessment. *Complex Cleanup: The Environmental Legacy of Nuclear Weapons Production*. OTA-O-484. Washington, D.C.: U.S. Government Printing Office, February 1991.

U.S. Congress, Office of Technology Assessment. *Hazards Ahead: Managing Cleanup Worker Health and Safety in the Nuclear Weapons Complex*. OTA-BP-O-85. Washington, D.C.: U.S. Government Printing Office, February 1993.

Specific Topics

These publications cover more specific topics. Many of them are more technical in nature and may not appeal to the general-interest reader.

Carter, Luther. *Nuclear Imperatives and Public Trust: Dealing with Radioactive Waste*. Baltimore: Resources for the Future, 1987.

Chow, Brian G. and Kenneth A. Solomon. *Limiting the Spread of Weapons-Usable Fissile Materials*. Santa Monica, California: National Defense Research Institute, RAND Corporation, November 1993.

Controlling the Atom in the 21st Century. David T. O'Very, Christopher E. Paine and Dan W. Reicher. Boulder, Colorado: Westview Press, 1993.

Finnamore, Barbra. "Regulating Hazardous and Mixed Waste at Department of Energy Nuclear Weapons Facilities." *Harvard Environmental Law Review*, Vol. 9, No. 1, 1985.

Geiger, H. Jack, M.D., et al. *Dead Reckoning: A Critical Review of the Department of Energy's Epidemiologic Research*. Washington, D.C.: Physicians for Social Responsibility, 1992.

Hacker, Barton C. *The Dragon's Tail: Radiation Safety in the Manhattan Project, 1942-1946*. Berkeley: University of California Press, 1987.

Hidden Dangers. Anne H. Erhlich and John W. Birks, editors. San Francisco: Sierra Club Books, 1990.

International Physicians for the Prevention of Nuclear War and the Institute for Energy and Environmental Research. *Plutonium: Deadly Gold of the Nuclear Age*. Cambridge, Massachusetts: International Physicians for the Prevention of Nuclear War; and Takoma Park, Maryland: Institute for Energy and Environmental Research, 1992.

Lamont, Lansing. *Day of Trinity*. New York: Atheneum, 1965.

Lanouette, William. *Tritium and the Times. How the Nuclear Weapons-Production Scandal Became a National Story*. Research Paper R-1. Cambridge, Massachusetts: The Joan Shorenstein Barone

Center for Press Politics and Public Policy. Harvard University, John F. Kennedy School of Government. May 1990.

Makhijani, Arjun, and Scott Saleska. *High Level Dollars, Low-Level Sense: A Critique of Present Policy for the Management of Long-Lived Radioactive Wastes and Discussion of an Alternative Approach*. Takoma Park, Maryland: Institute for Energy and Environmental Research, 1992.

Makhijani, Arjun. *Fissile Materials in a Glass Darkly: Technical and Policy Aspects of the Disposition of Plutonium from Dismantled Nuclear Weapons*. Takoma Park, Maryland: Institute for Energy and Environmental Research, November 1994.

National Research Council, Commission on the Biological Effects of Ionizing Radiation. *Health Effects of Exposure to Low Levels of Ionizing Radiation (BEIR V Report.)*. Washington, D.C.: National Academy Press, 1990.

National Research Council. *Management and Disposition of Excess Weapons Plutonium*. Washington, D.C.: National Academy Press, 1994.

National Research Council, Committee to Review Risk Management in the DOE's Environmental Remediation Program. *Building Consensus Through Risk Assessment and Management of the Department of Energy's Environmental Remediation Program*. Washington, D.C.: National Academy Press, 1994.

U.S. Congress, Office of Technology Assessment. *Long-Lived Legacy: Managing the High-Level and Transuranic Waste at the Department of Energy Nuclear Weapons Complex*. OTA-BP-O-83. Washington, D.C.: U.S. Government Printing Office, May 1991.

U.S. Congress, Office of Technology Assessment. *Dismantling the Bomb and Managing the Nuclear Materials*. OTA-O-572. Washington, D.C.: U.S. General Accounting Office, September 1993.

U.S. General Accounting Office. *Nuclear Waste: Hanford Single-Shell Tank Leaks Greater than Estimated*. GAO/RCED-91-177. Washington, D.C.: U.S. General Accounting Office, August 1991.

U.S. General Accounting Office. *Nuclear Waste: Defense Waste Processing Facility ñ Cost, Schedule and Technical Issues*. GAO/RCED-92-183. Washington, D.C.: U.S. General Accounting Office, June 1992.

U.S. General Accounting Office. *Nuclear Health and Safety: Examples of Post-World War II Radiation Releases at U.S. Nuclear Sites*. GAO/RCED-94-51FS. Washington, D.C.: U.S. General Accounting Office, November 1993.

U.S. General Accounting Office. *Nuclear Nonproliferation: Concerns with U.S. Delays in Accepting Foreign Research Reactors' Spent Fuel*. GAO/RCED-94-119. Washington, D.C.: U.S. General Accounting Office, March 1994.

U.S. General Accounting Office. *Nuclear Cleanup: Completion of Standards and Effectiveness of Land Use Planning are Uncertain*. GAO/RCED-94-144. Washington, D.C.: U.S. General Accounting Office, August 1994.

U.S. General Accounting Office. *Nuclear Waste: Much Effort Needed to Meet Federal Facility Compliance Act Requirements*. GAO/RCED-94-179. Washington, D.C.: U.S. General Accounting Office, May 1994.

U.S. General Accounting Office. *Nuclear Waste: Foreign Countries' Approaches to High Level Waste Storage and Disposal*. GAO/RCED-94-172. Washington, D.C.: U.S. General Accounting Office, August 1994.

U.S. General Accounting Office. *Department of Energy: Management Change Needed to Expand Use of Innovative Cleanup Technologies*. GAO/RCED-94-205. Washington, D.C.: U.S. General Accounting Office, August 1994.

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U.S. General Accounting Office. *Nuclear Waste: Comprehensive Review of the Disposal Program Is Needed*. GAO/RCED-94-299. Washington, D.C.: U.S. General Accounting Office, September 1994.

U.S. General Accounting Office. *Nuclear Health and Safety: Consensus on Acceptable Radiation Risk to the Public*. GAO/RCED-94-190. Washington, D.C.: U.S. General Accounting Office, September 1994.

U.S. General Accounting Office. *Nuclear Waste: Further Improvement Needed in the Hanford Tank Farm Maintenance Program*. GAO/RCED-95-29. Washington, D.C.: U.S. General Accounting Office, November 1994.

Werner, James D. "Secrecy and its Effect on Environmental Problems in the Military: An Engineer's Perspective." *New York University Environmental Law Journal*. Vol. 2, pages 351-9, 1993

Periodicals

Bulletin of the Atomic Scientists. Chicago: Education Foundation for Nuclear Science. Published monthly.

Defense Cleanup. Arlington, Virginia: Pasha Publications. Published weekly.

Energy Daily. Washington, D.C.: King Publishing Group. Published daily.

Inside Energy. New York: McGraw-Hill, Inc. Published weekly.

Nuclear Waste News. Silver Spring, Maryland: Business Publishers. Published weekly.

The Radioactive Exchange. Washington, D.C.: Exchange Publications. Published 23 times a year.

Weapons Complex Monitor: Waste Management and Cleanup. Washington, D.C.: Exchange Publications. Published biweekly.