

## References

# REFERENCES

- ANS 1986. *Glossary of Terms in Nuclear Science and Technology*, American Nuclear Society.
- ANSI 1969. N13.1, *Sampling Airborne Radioactive Materials in Nuclear Facilities, Guide for R (1993)*, American National Standards Institute.
- Baker, D. A., and J. K. Soldat 1993. *Methods for Estimating Doses to Organisms from Radioactive Materials Released into the Aquatic Environment*, PNL-8150, Pacific Northwest Laboratories, Richland, Wash.
- Beres, D. A. 1990. *The Clean Air Act Assessment Package–1998 (CAP-88): A Dose and Risk Assessment Methodology for Radionuclide Emissions to Air*, SC&A, Inc., McLean, Va.
- CDM Federal Programs, Inc. 1993. *Feasibility Study of Best Management Practices for Non-Point Source Pollution Control at the Oak Ridge Y-12 Plant*, Y/SUB/93B-99920C/1.
- Chan, P. K., G. P. O’Hara, and A. W. Hayes 1982. “Principles and Methods for Acute and Subchronic Toxicity,” *Principles and Methods of Toxicology*, Raven Press, New York.
- DOE 1988a. *External Dose-Rate Conversion Factors for Calculation of Dose to the Public*, DOE/EH-0070, U.S. Department of Energy, Washington, D.C..
- DOE 1988b. *Internal Dose Conversion Factors for Calculation of Dose to the Public*, DOE/EH-0071, U.S. Department of Energy, Washington, D.C.
- DOE 1989. *Radioactive Decay Data Tables: A Handbook of Decay Data for Application to Radioactive Dosimetry and Radiological Assessments*, DOE/TIC-11026, U.S. Department of Energy, Washington, D.C.
- DOE 1991. *Environmental Regulatory Guide for Radiological Effluent Monitoring and Environmental Surveillance*, DOE/EH-0173T, U.S. Department of Energy, Washington, D.C.
- DOE 1995a. *Oak Ridge Reservation Site Management Plan for the Environmental Restoration Program*, DOE/OR-1001/R4, U.S. Department of Energy, Washington, D.C..
- DOE 1995b. *Environmental Monitoring Plan for the Oak Ridge Reservation*, DOE/OR-1066/R1, U.S. Department of Energy, Washington, D.C.
- DOE 1995c. *Environmental Monitoring Plan for Waste Area Grouping 6 at Oak Ridge National Laboratory, Oak Ridge, Tennessee*, DOE/OR/01-1192&D2, U.S. Department of Energy, Washington, D.C.
- DOE 1996a. *Environmental Restoration Program Management Action Process Document for the Oak Ridge Reservation*, DOE/OR/01/1431&D2, U.S. Department of Energy, Washington, D.C.
- DOE 1996b. *Environmental Assessment: Lease of Parcel Ed-1 of the Oak Ridge Reservation by the East Tennessee Economic Council*, DOE/EA-1113 U.S. Department of Energy, Washington, D.C.

## Oak Ridge Reservation

---

- DOE 1996c. *Environmental Assessment: Proposed Changes to the Sanitary Sludge Land Application Program on the Oak Ridge Reservation*, DOE/EA-1042, U.S. Department of Energy, Washington, D.C.
- DOE 1997a. "Floodplain Statement of Findings for Site Investigation Activities at the Oak Ridge K-25 Site Area of Responsibility," *Fed. Regis.* **62**, No. 41, 9416, March 3, 1997.
- DOE 1997b. *Tennessee Department of Environment and Conservation, Department of Energy, Oversight Division Status Report to the Public*, Nashville.
- EPA 1988. *Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestion, Federal Guidance Report No. 11*, EPA-520/1-88-020 U.S. Environmental Protection Agency, Washington, D.C.
- EPA 1989. *Risk Assessments Methodology, Environmental Impact Statement, NESHAPs for Radionuclides, Background Information*, Vol. 1, EPA/520/1-89-005, U.S. Environmental Protection Agency, Washington, D.C.
- EPA 1990. *Environmental Radiation Data, Report No. 59 (July-September 1989)*, EPA/520/5-90-003, U.S. Environmental Protection Agency, Washington, D.C.
- EPA 1991. *Integrated Risk Information System (IRIS)*, U.S. Environmental Protection Agency Washington, D.C.
- EPA 1993a. *Environmental Radiation Data Report 70*, EPA-402-R-93-089, U.S. Environmental Protection Agency, Washington, D.C.
- EPA 1993b. *External Exposure to Radionuclides in Air, Water, and Soil, Federal Guidance Report No. 12*, EPA 402-R-93-081, U.S. Environmental Protection Agency, Washington, D.C.
- EPA 1995. *Exposure Factors Handbook-Draft*, EPA/600/P-95/002A, U.S. Environmental Protection Agency, Office of Research and Development, Washington, D.C.
- Farnsworth, R. K., E. S. Thompson, and E. L. Peck 1982. *Evaporation Atlas for the Contiguous 48 United States*, NOAA Technical Report NWS 33, National Weather Service, Office of Hydrology, Washington, D.C.
- Hatcher, R. D., et al. 1989. *Field Guide and Perspective on the Geology and Hydrology of the Oak Ridge Reservation*, Oak Ridge Natl.Lab./Univ. of Tennessee, Oak Ridge, Tenn.
- ICRP 1975. *Task Group on Reference Man*, Publication 23, International Commission on Radiological Protection, Pergamon Press, Oxford.
- ICRP 1977. *Recommendations of the International Commission on Radiological Protection*, Publication 26, International Commission on Radiological Protection, Pergamon Press, Oxford.
- ICRP 1978. *Recommendations of the International Commission on Radiological Protection*, Publication 30, International Commission on Radiological Protection, Pergamon Press, Oxford.

- Kumazawa S., et al. 1984. *Occupational Exposure to Ionizing Radiation in the United States: A Comprehensive Review for the Year 1980 and a Summary of Trends for the Years 1960–1985*, EPA/520/1-8-005, U.S. Government Printing Office, Washington, D.C.
- LMES 1995a. *Radiological Monitoring Plan for the Oak Ridge Y-12 Plant: Surface Water*, Y/SUB/92-TK532C/4, Lockheed Martin Energy Systems, Inc. Prepared by H&R Technical Associates, Inc.
- LMES 1995b. *Stormwater Pollution Prevention Plan for the Oak Ridge Y-12 Plant*, Y/TS-1180/R1, Lockheed Martin Energy Systems, Inc., Oak Ridge, Tenn.
- LMES 1996. *Oak Ridge Reservation Annual Site Environmental Report for 1995*, ES/ESH-69, Oak Ridge Natl. Lab., Oak Ridge, Tenn.
- LMES 1997a. *Environmental Monitoring on the Oak Ridge Reservation: 1996 Results*, ES/ESH-75, Lockheed Martin Energy Systems, Inc., and Lockheed Martin Energy Research Corp., Oak Ridge, Tenn.
- LMES 1997b. *Calendar Year 1996 Groundwater Monitoring Report for the Bear Creek Hydrogeologic Regime at the Department of Energy Y-12 Plant, Oak Ridge, Tennessee*, Y/SUB/97-KDS15V/1, Lockheed Martin Energy Systems, Inc., prepared by AJA Technical Associates, Inc.
- LMES 1997c. *Calendar Year 1996 Groundwater Monitoring Report for the Chestnut Ridge Hydrogeologic Regime at the Department of Energy Y-12 Plant, Oak Ridge, Tennessee*, Y/SUB/97-KDS15V/2, Lockheed Martin Energy Systems, Inc., prepared by AJA Technical Associates, Inc.
- LMES 1997d. *Calendar Year 1996 Groundwater Monitoring Report for the Upper East Fork Poplar Hydrogeologic Regime at the Department of Energy Y-12 Plant, Oak Ridge, Tennessee*, Y/SUB/97-KDS15V/1, Lockheed Martin Energy Systems, Inc., prepared by AJA Technical Associates, Inc.
- MMES 1993. *Identification and Characterization of Wetlands in the Bear Creek Watershed*, Y/TS-1016, Martin Marietta Energy Systems, Inc., Oak Ridge, Tenn.
- MMES 1994. *Evaluation of the Ambient Air Monitoring Program at the Oak Ridge Y-12 Plant*, Y/TS-1157/R1, Martin Marietta Energy Systems, Inc. Oak Ridge, Tenn.
- MMES 1995. *Oak Ridge Reservation Waste Management Plan*, ES/WM-30, Martin Marietta Energy Systems, Inc., Oak Ridge, Tenn.
- Moore, G. K. 1988. *Concepts of Groundwater Occurrence and Flow Near Oak Ridge National Laboratory, Tennessee*, ORNL/TM-11368, Oak Ridge, Tenn.
- Myrick, T. E., et al. 1981. *State Background Radiation Levels: Results of Measurements Taken During 1975–1979*, ORNL/TM-7343, Oak Ridge, Tenn.
- NCRP 1987. *Ionizing Radiation Exposure of the Population of the United States*, NCRP Report No. 93, National Council on Radiation Protection and Measurements, Washington, D.C.

## Oak Ridge Reservation

---

- NCRP 1989. *1989 Exposure of the U.S. Population from Diagnostic Medical Radiation*, NCRP Report No. 100, National Council on Radiation Protection and Measurements, Bethesda, Md.
- NOAA 1997. *Local Climatological Data Annual Survey With Comparative Data, Oak Ridge, Tennessee*, National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, N.C.
- NRC 1977. *Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR 50*, Regulatory Guide 1.109, Appendix I, Revision 1, NRC Office of Standards Development, Nuclear Regulatory Commission, Washington, D.C.
- Rosensteel, B. A. 1996. *Wetland Survey of the X-10 Bethel Valley and Groundwater Operable Units at Oak Ridge National Laboratory*, ORNL/ER-350, Martin Marietta Energy Systems, Inc., Oak Ridge Natl. Lab.
- Sample, B. E., L. A. Baron, and B. L. Jackson 1995. *Preliminary Assessment of the Ecological Risks to Wide-Ranging Wildlife Species on the Oak Ridge Reservation*, DOE/OR/01-1407&D1, Oak Ridge National Laboratory, Oak Ridge, Tenn.
- Sample, B. E., R. L. Hinzman, B. L. Jackson, and L. A. Baron 1996. *Preliminary Assessment of the Ecological Risks to Wide-Ranging Wildlife Species on the Oak Ridge Reservation, 1996 Update*, DOE/OR/01-1407&D, U.S. Department of Energy.
- TDECD 1994. *Population Estimates of Tennessee Cities, 1990–1994*, <http://www.state.tn.us/ecd/94tncity.htm>, Tennessee Department of Economic and Community Development.
- TDECD 1996. *Population Estimates for Tennessee Counties, 1990–1996*, <http://www.state.tn.us/ecd/96pop.htm>, Tennessee Department of Economic and Community Development.
- Tsakeres, F. S. 1980. *Radiological Assessment of Residences in the Oak Ridge Area*, ORNL/TM-7392/V1, Oak Ridge National Laboratory, Oak Ridge, Tenn.
- Tucci, P. 1992. *Hydrology of Melton Valley at Oak Ridge National Laboratory, Tennessee, U.S. Geological Survey Waters Resources Investigations Report 92-4131*, Nashville, Tenn.
- TVA 1972. *Upper Bear Creek Experimental Project: A Continuous Daily-Streamflow Model*, Research Paper No. 8, Tennessee Valley Authority, Division of Water Control Planning, Knoxville, Tenn.
- TWRA, 1996. *Wildlife Technical Report, Tennessee Waterfowl Report 1995–1996*, Technical Report No. 96-9, Tennessee Wildlife Resources Agency, Nashville, Tenn.
- USDA 1994. *Food Consumption and Dietary Levels of Households in the United States, 1987–88*, Report No. 87-H-1, U.S. Department of Agriculture, Agricultural Research Service, Washington, D.C.
- USFWS 1995. *Preliminary Estimates of Waterfowl Harvest and Hunter Activity in the United States*, U.S. Fish and Wildlife Service.

Westinghouse Savannah River Company 1994. *Savannah River Site Environmental Report for 1993*,  
Summary Pamphlet, SSRC-TR-076, Aiken, S.C.