
REFERENCES

- Addink, R., Mischa Antonioli, Kees Olie, and Harrie A. J. Govers. 1996. "Reactions of Dibenzofuran and 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin on Municipal Waste Incinerator Fly Ash." *Environmental Science and Technology*. Volume 30. Pages 833-836. March.
- Agency for Toxic Substances and Disease Registry (ATSDR). 1987. *Draft Toxicological Profile for Di(2-ethylhexyl) Phthalate*. Oak Ridge National Laboratory. December.
- ATSDR. 1989. "Toxicological Profile for 2,4-Dinitrotoluene and 2,6-Dinitrotoluene." December.
- ATSDR. 1992. "Toxicity Profile for Di(2-ethylhexyl) Phthalate." U.S. Public Health Service. U.S. Department of Health and Human Services. Atlanta, Georgia.
- ATSDR. 1993. "Toxicological Profile for Di(2-ethylhexyl)phthalate." TP-92/05. April.
- ATSDR. 1994a. "Toxicological Profile for Pentachlorophenol (Update)." TP 93/13. May.
- ATSDR. 1994b. "Toxicological Profile for Hexachlorobenzene (Update)." Draft. August.
- ATSDR. 1995a. "Toxicological Profile for 1,3-Dinitrobenzene and 1,3,5-Trinitrobenzene." June.
- ATSDR. 1995b. "Toxicological Profile for Diethyl Phthalate." June.
- ATSDR. 1995c. "Toxicological Profile for Dinitrophenols." August.
- ATSDR. 1995d. "Toxicological Profile for Polychlorinated Biphenyls (Update)." Draft. August.
- ATSDR. 1997. "Minimal Risk Levels for Hazardous Substances." World Wide Web Address <http://www.11@sdr1.atsdr.cdc.gov:8080/mrls.html>. Accessed on August 21, 1997.
- Alboro, P.W., J.T. Corbett, J.L. Schroeder, S. Jordan, and H.B. Mathews. 1982. "Pharmacokinetics, Interactions with Macromolecules and Species Differences in Metabolism of Di(2-ethylhexyl) Phthalate." *Environmental Health Perspectives*. 45:19-25.
- Amdur, M.O., J. Doull, and C.D. Klaassen, Editors. 1991. *Casarett and Doull's Toxicology. The Basic Science of Poisons*. Fourth Edition. New York. Pergamon Press.
- American Chemical Society. 1980. "Guidelines for Data Acquisition and Data Quality Evaluation in Environmental Chemistry." *Analytical Chemistry*. Volume 52. Number 14. Pages 2242-2249. December.
- American Conference of Governmental Industrial Hygienists (ACGIH). 1991. *Documentation of the Threshold Limit Values and Biological Exposure Indices*. Cincinnati, Ohio. Sixth Edition.

- ACGIH. 1996. "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices." Cincinnati, Ohio.
- American Industrial Hygiene Association (AIHA). 1996. *Emergency Response Planning Guidelines and Workplace Environmental Exposure Level Guides Handbook*. Fairfax, VA.
- AIHA. 1997. "Workplace Environmental Exposure Level Guide." Facsimile Transmission from AIHA to Eric Monschein, Tetra Tech EM Inc. August 20, 1997.
- Auer. 1978. "Correlation of Land Use and Cover with Meteorological Anomalies." *Journal of Applied Meteorology*. Volume 17. Page 636. May.
- Bacci, E., D. Calamari, C. Gaggi, and M. Vighi. 1989. "Bioconcentration of Organic Chemical Vapors in Plant Leaves: Experimental Measurements and Prediction." University of Siena. Siena, Italy.
- Bacci E., D. Calamari, C. Gaggi, and M. Vighi. 1990. "Bioconcentration of Organic Chemical Vapors in Plant Leaves: Experimental Measurements and Correlation." *Environmental Science and Technology*. Volume 24. Number 6. Pages 885-889.
- Bacci E., M. Cerejeira, C. Gaggi, G. Chemello, D. Calamari, and M. Vighi. 1992. "Chlorinated Dioxins: Volatilization from Soils and Bioconcentration in Plant Leaves." *Bulletin of Environmental Contamination and Toxicology*. Volume 48. Pages 401-408.
- Baes, C.F., R.D. Sharp, A.L. Sjoreen, and R.W. Shor. 1984. "Review and Analysis of Parameters and Assessing Transport of Environmentally Released Radionuclides Through Agriculture." Oak Ridge National Laboratory. Oak Ridge, Tennessee.
- Barron, M.G., I.R. Schultz, and W.L. Hayton. 1989. "Presystemic Branchial Metabolism Limits of Di-2-ethylhexyl Phthalate Accumulation in Fish." *Toxicology and Applied Pharmacology*. Volume 96. Pages 49-57.
- Beard, Rodney R., and Joseph T. Noe. 1981. "Aromatic Nitro and Amino Compounds". In George D. Clayton and Florence E. Clayton, Editors. *Patty's Industrial Hygiene and Toxicology*. Third Revised Edition. Volume 2A. New York. John Wiley & Sons.
- Beckvar, N., J. Field, S. Salazar; et al. 1996. Contaminants in Aquatic Habitats at Hazardous Waste Sites: Mercury. NOAA Technical Memorandum NOS ORCA 100. Seattle: Hazardous Materials Response and Assessment Division, National Oceanic and Atmospheric Administration. 74 pages.
- Belcher, G.D., and C.C. Travis. 1989. "Modeling Support for the RURA and Municipal Waste Combustion Projects: Final Report on Sensitivity and Uncertainty Analysis for the Terrestrial Food Chain Model." Interagency Agreement No. 1824-A020-A1. Office of Risk Analysis, Health and Safety Research Division. Oak Ridge National Laboratory. Oak Ridge, Tennessee. October.

- Beard, Rodney R. 1982. *Inorganic Compounds of Oxygen, Nitrogen, and Carbon*. Patty's Industrial Hygiene. Volume 2C.
- Bergmann, Ake, Anders Hagman, Sven Jacobsson, Bo Jansson, and Maria Ahlman. 1984. "Thermal Degradation of Polychlorinated Alkanes". *Chemosphere*. Volume 13. Pages 237 to 250.
- Bidleman, T.F. 1988. "Atmospheric Processes." *Environmental Science and Technology*. Vol. 22(4):361-367.
- Blum, J.D. and R. Bartha. 1980. Effects of salinity on methylation of mercury. *Bull Environ Contam Toxicol* 25: 404-408.
- Bohn H., B.L. McNeal, and G.A. O'Connor. 1985. *Soil Chemistry*. John Wiley and Sons, Inc. New York. Second Edition.
- Boone, F.W., Y.C. Ng, and J.M. Palm. 1981. Terrestrial Pathways of Radionuclide Particulates. *Health Physics*. 41: 735 to 747.
- Briggs, G.G., R.H. Bromilow, and A.A. Evans. 1982. "Relationships Between Lipophilicity and Root Uptake and Translocation of Nonionized Chemicals by Barley." *Pesticide Science*. Volume 13. Pages 495-504.
- Buonicore, A.J., and W.T. Davis (Editors). 1992. *Air Pollution Engineering Manual*. Air and Waste Management Association. Van Nostrand Reinhold. New York, New York.
- Burke, P. 1986. "Household Mobility." Division of Housing and Demographic Analysis. (Internal Document of Department of Housing and Urban Development).
- California Air Resources Board. 1990. "Health Risk Assessment Guidelines for Nonhazardous Waste Incinerators." Prepared by the Stationary Source Division of the Air Resources Board and the California Department of Health Services.
- California Environmental Protection Agency (Cal/EPA). 1993. "Parameter Values and Ranges for CALTOX." Draft. Office of Scientific Affairs. California Department of Toxic Substances Control. Sacramento, CA. July.
- Cal/EPA. 1995. Draft for Public Comment, Technical Support Document for the Determination of Acute Toxicity Exposure Levels for Airborne Toxicants. Office of Environmental Health Hazards Assessment. January.
- Chamberlain. 1970. "Interception and Retention of Radioactive Aerosols by Vegetation." *Atmospheric Environment*. 4: 57 to 78.

- Cohen, M.A., and P.B. Ryan. 1989. "Observations Less than the Analytical Limit of Detection: A New Approach." *Journal of Air Pollution Control Association (JAPCA) Note-Book*. Vol. 39, No. 3. Pages 328-329. March.
- Chois, S.C. and R. Bartha. 1994. Environmental factors affecting mercury methylation in estuarine sediments. *Bull Environ. Contam Toxicol* 53: 805-812.
- Cook, P.M., D.W. Duehl, M.K. Walker, and R.E. Peterson. 1991. *Bioaccumulation and Toxicity of Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds in Aquatic Ecosystems*. In Gallo, M.A., R.J. Schuplein, and K.A. Van Der Heijden (eds). *Banbury Report 35: Biological Basis for Risk Assessment of Dioxins and Related Compounds*. Cold Spring Harbor Laboratory Press. 0-87969-235-9/91.
- Craig, Douglas K., Janet S. Davis, Robin DeVore, Doan J. Hansen, Achille J. Petrocchi, T. Jordan Powell. 1995. "Alternative Guideline Limits for Chemicals Without Environmental Response Planning Guidelines." *AIHA Journal*. Vol. 56. Pages 919-925. September.
- Cullen, A.C. 1994. "Measures of Compounding Conservatism in Probabilistic Risk Assessment." *Risk Analysis*. 14(4):389-393.
- DeCicco, S. 1995. *Incineration Basics Course Manual*. Bellevue, Washington.
- Deichmann, William B., and M. L. Keplinger. 1981. "Phenols and Phenolic Compounds." In George D. Clayton and Florence E. Clayton, Editors. *Patty's Industrial Hygiene and Toxicology*. Third Revised Edition. Volume 2A. New York. John Wiley & Sons.
- Department of Defense. 1996. "Anniston Army Ammunition Plant Chemical Demilitarization Facility Risk Assessment." October.
- Department of Energy (DoE). 1997a. "Toxicity-Based Methodology, Text of Calc. Note, S-CLC-G-0074." Facsimile Transmission from Douglas Craig, DoE, to Eric Monschein, Tetra Tech EM Inc. September 26, 1997.
- DoE. 1997b. "Chemical Exposures Working Group Report to SCAPA, April 1997." Facsimile Transmission from Douglas Craig, Westinghouse Savannah River Co., to Eric Monschein, Tetra Tech EM Inc. September 26, 1997.

- Dinman, B.D. 1978. "The Mode of Entry and Action of Toxic Materials." *Patty's Industrial Hygiene and Toxicology*. Edited by George D. Clayton and Florence E. Clayton. John Wiley & Sons. New York, New York. Volume 1. Third Revised Edition. Pages 135-164.
- Duarte-Davidson, R., A. Stewart, R. E. Alcock, I. T. Cousins, and K. C. Jones. 1997. "Exploring the Balance between Sources, Deposition, and the Environmental Burdens of PCDD/Fs in the U. K. Terrestrial Environment: An Aid To Identifying Uncertainties and Research Needs". *Environmental Science and Technology*. Volume 31. Pages 1 through 11. January.
- Ensminger, M.E. 1980. *Poultry Science*. Interstate Printers and Publishers, Inc. Danville, Illinois.
- Environment Canada. 1987. *National Incinerator Testing and Evaluation Program: Mass Burn Technology*. Industrial Programs Branch. Ontario, Canada. December.
- Environmental Appeals Board. 1997. *Order Denying Review in Part and Remanding in Part - In Re: Ash Grove Cement Company Permit No. KSD 031203318*. RCRA Appeal Nos. 96-4 and 96-5. U.S. EPA. Washington, D.C. December 14.
- Environmental Research and Technology (ERT). 1987. *User's Guide to the Rough Terrain Diffusion Model Revision 3.20*. ERT Document P-D535-585. Concord, Massachusetts.
- Erickson, Mitchell D. 1992. *Analytical Chemistry of PCBs*. Boca Raton, Florida. Lewis Publishers.
- Finkel, A.M. 1990. *Confronting Uncertainty in Risk Management. A Guide for Decision-Makers*. Center for Risk Management Resources for the Future. January.
- Freeman, H.M. 1988. *Incinerating Hazardous Wastes*. Technomic Publishing Company, Inc. Lancaster, Pennsylvania.
- Freeman, H.M. 1989. *Standard Handbook of Hazardous Waste Treatment and Disposal*. McGraw-Hill Book Company. New York, New York.
- Fries, G.F. 1994. "Personal Communication Between G.F. Fries, U.S. Department of Agriculture, and Glenn Rice and Jennifer Windholtz, U.S. Environmental Protection Agency, Office of Research and Development." Agricultural Research Service. March.
- Fröese, Kenneth L., and Otto Hutzinger. 1996a. "Polychlorinated Benzene, Phenol, Dibenzo-p-dioxin, and Dibenzofuran in Heterogeneous Combustion Reactions of Acetylene." *Environmental Science and Technology*. Volume 30. Pages 998-1008. March.
- Fröese, Kenneth L., and Otto Hutzinger. 1996b. "Polychlorinated Benzene and Polychlorinated Phenol in Heterogeneous Combustion Reactions of Ethylene and Ethane." *Environmental Science and Technology*. Volume 30. Pages 1009-1013. March.

- Geraghty, J.J., D.W. Miller, F. Van Der Leeden, and F.L. Troise. 1973. *Water Atlas of the United States*. Water Information Center, Inc. New York.
- Gilmour, C.C. and E.A. Henry. 1991. Mercury Methylation in Aquatic Systems Affected by Acid Deposition. *Environmental Pollution* 71: 131-169.
- Gilmour, C.C., E.A. Henry and R. Mitchell. 1992. Sulfate Stimulation of Mercury Methylation in Freshwater Sediments. *Environ Sci Technical* 26: 2281-2287.
- Grayson, Martin, Executive Editor. 1985. *Kirk-Othmer Concise Encyclopedia of Chemical Technology*. New York. John Wiley & Sons.
- Gullet, B.K., P.M. Lemieux, and J.E. Dunn. 1994. "Role of Combustion and Sorbent Parameters in Prevention of Polychlorinated Dibenzodioxin (PCDD) and Polychlorinated Dibenzofuran (PCDF) During Waste Combustion." *Environmental Science and Technology*. 28(1).
- Hanna, S.R., and J.C. Chang. 1991. *Modification of the Hybrid Plume Dispersion Model (HPDM) for Urban Conditions and Its Evaluation Using the Indianapolis Data Set. Volume I. User's Guide for HPDM-Urban*. Sigam Research Corporation. Concord, Massachusetts.
- Hattis, D.B., and D.E. Burmaster. 1994. "Assessment of Variability and Uncertainty Distributions for Practical Risk Analyses." *Risk Analysis*. 14(5):713-730.
- Hillel, D. 1980. *Fundamentals of Soil Physics*. Academic Press, Inc. New York, New York.
- Hoffman, F.O., and C.F. Baes. 1979. *A Statistical Analysis of Selected Parameters for Predicting Food Chain Transport and Internal Dose of Radionuclides*. ORNL/NUREG/TM-882.
- Hoffman, F.O., K.M. Thiessen, M.L. Frank, and B.G. Blaylock. 1992. "Quantification of the Interception and Initial Retention of Radioactive Contaminants Deposited on Pasture Grass by Simulated Rain." *Atmospheric Environment*. 26A(18):3313-3321.
- Hoggett, J.G., R.B. Moodie, S.B. Preston, and K. Schofield. 1971. *Nitration and Aromatic Reactivity*. London. Cambridge University Press.
- Howard, P.H. 1990. *Handbook of Environmental Fate and Exposure Data For Organic Chemicals*. Lewis Publishers. Chelsea, Michigan. Volume 1. Pages 279-285.
- Hutzinger, O., S. Safe, and V. Zitko. 1974. *The Chemistry of PCB's*. CRC Press, Inc. Boca Raton, Florida.
- Idaho National Engineering and Environmental Laboratory. 1997. *Idaho National Engineering and Environmental Laboratory Waste Experimental Reduction Facility (WERF) Incinerator Trial Burn, May and July 1997, Volume 1*. U.S. Department of Energy. INEEL/EXT-97-01180. October.

- International Atomic Energy. 1994. *Handbook of Parameter Values for the Prediction of Radionuclide Transfer in Temperate Environments; IAEA Technical Report Series No. 364.*
- Ikeda, G.J., P.P. Sapenza, and J.L. Couvillion. 1980. "Comparative Distribution, Excretion, and Metabolism of Di(2-ethylhexyl)phthalate in Rats, Dogs, and Pigs." *Food Cosmet. Toxicology*. 18:637-642.
- Iqbal, M. 1983. *An Introduction to Solar Radiation*. Academic Press. New York, New York.
- Jackson, T. A. 1986. "Methyl Mercury Levels in a Polluted Prairie River-Lake System: Seasonal and Site-Specific Variations, and the Dominant Influence of Trophic Conditions." *Can J Fish Aquat Sci* 43: 1873-1887.
- Jindal, M., and D. Heinhold. 1991. "Development of Particulate Scavenging Coefficients to Model Wet Deposition from Industrial Combustion Sources. Paper 91-59.7." *Proceedings of the 1991 Annual Meeting and Exhibition of the Air and Waste Management Association*. Vancouver, British Columbia. June 16-21.
- Johnson, L. D. 1996. "Determination of Total Organic Emissions from Hazardous Waste Combustors." *Anal. Chem.* 68: 156-161.
- Junge, C.E. 1977. *Fate of Pollutants in the Air and Water Environments*. John Wiley and Sons. New York. Part I. Pages 7-26.
- Jury, W.A. 1986. "Volatilization from the Soil." *Vadose Zone Modeling of Organic Pollutants*. S.C. Hern and S.M. Melancon, Editors. Lewis Publishers, Inc. Chelsea, Michigan.
- Jury, W.A., and R.L. Valentine. 1986. "Transport Mechanisms and Loss Pathways for Chemicals in Soils." *Vadose Zone Modeling of Organic Pollutants*. S.C. Hern and S.M. Melancon, Editors. Lewis Publishers, Inc. Chelsea, Michigan.
- Kalama Chemical, Inc. 1996. *Report: Analysis of Stack Gas Samples for Polychlorinated Biphenyls - Kalama Chemical Trial Burn Pretest Program - Boiler U-3*. Internal Technology Corporation, Knoxville, Tennessee. Prepared for Catherine Massimino, U.S. EPA Region 10. June 14.
- Karara, A.H., and W.L. Hayton. 1988. "Metabolic Inhibition and Di-2-ethylhexyl Phthalate Pharmacokinetics in Fish." *Drug Metabolism and Disposition*. Volume 16. Pages 146-150.
- Karickhoff, S.W., D.S. Brown, and T.A. Scott. 1979. "Sorption of Hydrophobic Pollutants on Natural Sediments." *Water Research* 13:241-248.
- Karickhoff, S.W., and J.M. Long. 1995. *Summary of Measured, Calculated, and Recommended Log Kow Values*. Environmental Research Laboratory. Athens, Georgia. Prepared for Elizabeth

- Southerland, Chief, Risk Assessment and Management Branch, Standards and Applied Science Division, EPA Office of Water. Washington, D.C. April 10.
- Kilgroe, J.D, W.S. Lanier, and T.R. van Alten. 1991. "Montgomery County South Incinerator Test Project: Formation, Emission, and Control of Organic Pollutants." *Municipal Waste Combustion Conference Papers and Abstracts*. Second Annual Specialty Conference. Air and Waste Management Association. Tampa, Florida. April.
- Knebel, J. W., M. Aufderheide, and M. Emura. 1994. "Comparison of Biological Effects of Different Polycyclic Aromatic Hydrocarbons in Lung Cells of Hamster and Rat in Vitro." *Toxicology Letters (Shannon)*. Volume 22. Pages 65-72.
- Kneip, T.J., R.P. Mallon, and N.H. Harley. 1983. "Biokinetics Modeling for Mammalian Lead Metabolism." *Neurotox.* 4:189-192.
- Köhler, Joseph, and Rudolf Meyer. 1993. *Explosives*. Fourth Revised and Extended Edition. Weinheim, Germany. VCH Verlagsgesellschaft.
- Lindberg, S.E., T.P. Meyers, G.E. Taylor, R.R. Turner, and W.H. Schroeder. 1992. "Atmosphere-Surface Exchange of Mercury to a Forest: Results of Modelling and Gradient Approaches." *J. of Geophy. Res.* 97(d2):2519-2528.
- Lindqvist, O., K. Johansson, M. Aastrup, A. Andersson, L. Bringmark, G. Hovsenius, L. Hakanson, A. Iverfeldt, M. Meili, and B. Timm. 1991. "Mercury in the Swedish Environment - Recent Research on Causes, Consequences and Corrective Methods." *Water, Air and Poll.* 55:(all chapters).
- Luijk, R., D.M. Akkerman, P. Slot, K. Olie, and F. Kapteijn. 1994. "Mechanism of Formation of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in the Catalyzed Combustion of Carbon." *Environmental Science and Technology.* 28:312-321.
- Lyman, W.J., W.F. Reehl, and D.H. Rosenblatt. 1982. *Handbook of Chemical Property Estimation Methods*. McGraw-Hill Book Company. New York, New York.
- Mackay, D., W.Y. Shiu, and K.C. Ma. 1992. *Illustrated Handbook of Physical-Chemical Properties and Environmental Fate for Organic Chemicals. Volume IV—Oxygen, Nitrogen, and Sulfur Containing Compounds*. Lewis Publishers. Boca Raton, Florida.
- Manahan, Stanley E. 1991. *Environmental Chemistry*. Fifth Edition. Chelsea, Michigan. Lewis Publishers.
- March, Jerry. 1985. *Advanced Organic Chemistry. Reactions, Mechanisms, and Structure*. New York. John Wiley & Sons.

- McCrary, J.K., S.P. Maggard. 1993. "Uptake and Photodegradation of 2,3,7,8-Tetrachlorodibenzo-p-dioxin Sorbed to Grass Foliage." *Environmental Science and Technology*. 27:343-350.
- McKone, T.E. and P.B. Ryan. 1989. *Human Exposures to Chemicals Through Food Chains: An Uncertainty Analysis*. Livermore, California: Lawrence Livermore National Laboratory Report. UCRL-99290.
- McLachlan, M.S., H.Thoma, M. Reissinger, and O. Hutzinger. 1990. PCDD/PCDF in an Agricultural Food Chain, Part 1: PCDD/PCDF Mass Balance of a Lactating Cow. *Chemosphere*. Vol. 20, Nos. 7-9, pp. 1013-1020.
- March, J. 1985. *Advanced Organic Chemistry. Reactions, Mechanisms, and Structure*. John Wiley & Sons. Third Edition. New York.
- Melancon, M.J., Jr., and J.J. Lech. 1976. "Distribution and Biliary Excretion Products of Di-2-ethylhexyl Phthalate in Rainbow Trout." *Drug Metabolism and Disposition*. Volume 4. Pages 112-118.
- Miller, C.W., and F.O. Hoffman. 1983. "An Examination of the Environmental Half-Time for Radionuclides Deposited on Vegetation." *Health Physics*. 45(3): 731 to 744.
- Miskimmin, B.M., J.W.M. Rudd and C.A. Kelly. 1992. "Influence of Dissolved Organic Carbon, pH, and Microbial Respiration Rates on Mercury Methylation and Demethylation in Lake Water." *Can J Fish Aquat Sci* 49: 17-22.
- National Academy of Sciences (NAS). 1983. *Risk Assessment in the Federal Government: Managing the Process*. National Research Council, Committee on the Institutional Means for Assessment of Risks to Public Health, Washington, D.C.
- NAS. 1987. *Predicting Feed Intake of Food-Producing Animals*. National Research Council, Committee on Animal Nutrition, Washington, D.C.
- National Advisory Committee (NAC) for the Development of Acute Exposure Guideline Levels (AEGL) for Hazardous Substances. 1997. Federal Register Notice: October 30, 1997, volume 62, Number 210, Pages 58839-58851.
- National Toxicology Program (NTP). 1982.
- Nelson, W.E., et al. 1969. *Textbook of Pediatrics*. 9th Edition. W.B. Saunders Company. Philadelphia, Pennsylvania.
- Ng, Y., C. Colsher, and S.E. Thompson. 1982. Transfer Coefficients for Assessing the Dose from Radionuclides in Meats and Eggs. U.S. Nuclear Regulatory Commission. Final Report. NUREG/CR-2976.

- National Institute of Occupational Safety and Health (NIOSH). 1994. "Product Guide to Chemical Hazards." U.S. Department of Health and Human Services. Cincinnati, OH.
- NIOSH. 1997. "Documentation for IDLH's." World Wide Web Address <http://www.cdc.gov/niosh/idlh-1.html>. Accessed on August 24, 1997.
- National Research Council (NRC), Committee on Toxicology (COT). 1986. *Criteria and Methods for Preparing Emergency Exposure Guidance Level (EEGL), Short-Term Public Emergency Guidance Level (SPEGL), and Continuous Exposure Guidance Level (CEGL) Documents*. National Academy Press. Washington, DC.
- NRC COT. 1993. *Guidelines for Developing Community Emergency Exposure Levels for Hazardous Substances*. National Academy Press. Washington, DC.
- North Carolina Department of Health, Environment, and Natural Resources (NC DEHNR). 1997. *North Carolina Protocol for Performing Indirect Exposure Risk Assessments for Hazardous Waste Combustion Units*. January.
- O'Conner, D.J. 1983. "Wing Effects on Gas-Liquid Transfer Coefficients." *Journal of Environmental Engineering*. 109(9):731-752.
- O'Conner, D.J. and W.E. Dobbins. 1958. *Mechanism of Reaeration in Natural Streams*. American Society of Civil Engineers Transactions. Pages 641-684. Paper 2934.
- Oak Ridge National Laboratory. 1989. Memorandum from G.D. Belcher to R.J.F. Bruins, U.S. Environmental Protection Agency (EPA), Cincinnati, Ohio. Office of Risk Analysis. October 23.
- Oke, T.R. 1978. *Boundary Layer Climates*. John Wiley and Sons. New York, New York.
- Oke, T.R. 1982. "The Energetic Basis of the Urban Heat Island." *Quarterly Journal of the Royal Meteorological Society*. 108:1-24.
- Paine, R.J. 1987. *User's Guide to the CTDM Meteorological Preprocessor (METPRO) Program*. Research Triangle Park, North Carolina.
- Park, C.W., Imamura, and T. Yoshida. 1990. "Uptake, Excretion, and Metabolism of ¹⁴C-labeled Di-2-ethylhexyl Phthalate by Mullet, *Mugil cephalus*." *Bulletin of Korean Fish. Soc.* Volume 22. Pages 424-428.
- Parks, J.W., A. Lutz, J.A. Sutton and B.F., Townsend. 1989. "Water Column Methylmercury in the Wabigoon/English River-Lake System: Factors Controlling Concentrations, Speciation, and Net Production." *Can J Fish Aquat Sci* 46: 2181-2202.

- PEI Associates, Inc., and H.E. Cramer Company, Inc. 1986. *Air Quality Modeling Analysis of Municipal Waste Combustors*. Prepared for U.S. EPA, Monitoring and Data Analysis Division. Research Triangle Park, North Carolina.
- Pennington, J.A.T. 1989a. *Bowes and Churches's Food Values of Portions Commonly Used*. J.B. Lippincott Company. 15th Edition. Philadelphia.
- Pennington, J.A.T. 1989b. *Food Values of Portions Commonly Used*. 15th Edition. Harper and Row. New York, New York.
- Petersen, G., A. Iverfeldt, and J. Munthe. 1995. "Atmospheric Mercury Species Over Central and Northern Europe. Model Calculations and Comparison with Observations from the Nordic Air and Precipitation Network for 1987 and 1988." *Atmospheric Environment*. 29:47-68.
- Ramlal, P.S., J.W.M. Rudd, A. Furutari, et al. 1985. "The Effect of pH on Methyl Mercury Production and Decomposition in Lake Sediments." *Can J Fish Aquat Sci* 42: 685-692.
- Rao, S.T., J-Y. Ku, and K.S. Rao. 1991. "Analysis of Toxic Air Contaminant Data Containing Concentrations Below the Limit of Detection." *Journal of Air Waste Management Association*. Vol. 41. No. 4. Pages 442-448. April.
- Regnell, O. 1994. "The Effect of pH and Dissolved Oxygen Levels on Methylation and Partitioning of Mercury in Freshwater Model Systems." *Environ Pollution* 84: 7-13.
- Research Triangle Institute (RTI). 1996. *Risk Assessment Support to the Development of Technical Standards for Emissions from Combustion Units Burning Hazardous Wastes: Background Information Document*. Final Report. EPA Contract Number 68-W3-0028. February 20.
- RTI. 1997. Memorandum from Donna Womack to Karen Pollard, EPA/OSW/EMRAD. Regarding Derivation of Parameter Value for Crop Yield (Yp) and Interception Fraction (Rp) for Fruits and Aboveground Vegetables. December 21.
- Rice. 1994. Cited by NC DEHNR 1997, but original reference not identified.
- Riederer, M. 1990. "Estimating Partitioning and Transport of Organic Chemicals in the Foliage/Atmosphere System: Discussion of a Fugacity-Based Model." *Environmental Science and Technology*. 24: 829 to 837.
- Robert, S. 1994. "Dioxin Formation and Control in Cement Kilns." Presented at the U.S. EPA/American Society of Mechanical Engineers Seminar on Products of Incomplete Combustion (PIC) Formation and Control. Research Triangle Park, North Carolina. March.
- Rudd, J.W., M.A. Turner, A. Furutani, et al. 1983. "The English—Wabigoon River System; I.A. Synthesis of Recent Research with a View Towards Mercury Amelioration." *Can J Fish Aquat Sci* 40: 2206-2217.

- Sandmeyer, E. E. 1981. "Aromatic Hydrocarbons." In George D. Clayton and Florence E. Clayton, Editors. *Patty's Industrial Hygiene and Toxicology*. Third Revised Edition. Volume 2B. New York. John Wiley & Sons.
- Schechter, A., A. di Domenico, L. Tirrio-Baldassarri, and J. Ryan. 1992. *Dioxin and Dibenzofuran Levels in Milk of Women from Four Geographical Regions in Italy as Compared to Levels in Other Countries*. Presented at Dioxin '92, 12th International Symposium on Chlorinated Dioxins and Related Compounds. Tampere, Finland. August.
- Schmid, P., and C. Schlatter. 1985. "Excretion and Metabolism of Di(2-ethylhexyl) Phthalate in Man." *Xenobiotica*. 15:251-256.
- Schofield, K. 1980. *Aromatic Nitration*. Cambridge University Press. London.
- Scire, J.S., D.G. Strimaitis, and R.J. Yamartino. 1990. *Model Formulation And User's Guide For The CALPUFF Dispersion Model*. Sigma Research Corporation. Concord, Massachusetts.
- Shannon, J.D., and E.C. Voldner. 1994. "Modeling Atmospheric Concentrations and Deposition of Mercury to the Great Lakes." Presented at the DOE/FDA/EPA Workshop on Methylmercury and Human Health. Bethesda, MD. March 22-23.
- Sheih, C.M., M.L. Wesley, and B.B. Hicks. 1979. "Estimated Dry Deposition Velocities of Sulfur Over the Eastern U.S. and Surrounding Regions." *Atmospheric Environment* 13:361-368.
- Shor, R.W., C. Baes III, and R. Sharp. 1982. *Agricultural Production in the United States by County: A Compilation of Information from the 1974 Census of Agriculture for Use in Terrestrial Food-Chain Transport and Assessment Models*. ORNL-5786.
- Simmonds, J.R., and G.S. Linsley. 1981. "A Dynamic Modeling System for the Transfer of Radioactivity in Terrestrial Food Chains." *Nuclear Safety*. 22(6): 766-777.
- Sparks, D.L. 1989. *Kinetics of Soil Chemical Processes*. Academic Press, Inc. San Diego, California.
- Stalling, D.L., J.W. Hogan, and J.L. Johnson. 1973. "Phthalate Ester Residues. Their Metabolism and Analysis in Fish." *Environmental Health Perspectives*. Volume 3. Pp. 159-173.
- Steffan, R.J., F.T. Korthals and M.R. Winfrey. 1988. Effects of acidification on mercury methylation, demethylation, and volatilization in sediments from an acid-susceptible lake. *Appl Environ microbial* 54: 2003-2009.
- Stephens, R.D., M.X. Petras, and D.G. Hayword. 1992. *Biotransfer and Bioaccumulation of Dioxins and Dibenzofurans from Soil*. Hazardous Materials Laboratory, California Department of Health Services. Berkeley, California.

- Stephens, R.D., M. Petreas, and G.H. Hayward. 1995. "Biotransfer and Bioaccumulation of Dioxins and Furans from Soil: Chickens as a Model for Foraging Animals." *The Science of the Total Environment*. 175: 253-273. July 20.
- Stewart, B.A., D.A. Woolhiser, W.H. Wischmeier, J.H. Caro, and M.H. Frere. 1975. *Control of Water Pollution from Croplands. Volume I*. EPA/600/2-75/026a.
- Stokinger, H.E. 1981. "The Halogens and the Nonmetals, Boron and Silicon." *Patty's Industrial Hygiene and Toxicology*. Edited by George D. Clayton and Florence E. Clayton. John Wiley & Sons. New York, New York. Volume 2A. Third Revised Edition. Pp. 2937-3044.
- Subcommittee on Consequence Assessment and Protective Actions (SCAPA). 1997a. "Emergency Response Planning Guidelines (ERPG) and TEELS for Chemicals of Concern at the Savannah River Site: Rev. 12." PEC-CAT-97-0044A. July 9.
- SCAPA. 1997b. "SCAPA ERPG Working List, Revised 2/26/97." World Wide Web Address: <http://www.sep.bnl.gov/es/scapa.htm>. Accessed on October 1, 1997.
- Thorton, I. and P. Abrams. 1983. "Soil Ingestion: A Major Pathway of Heavy Metals into Livestock Grazing Contaminated Land." *Science Total Environmental*. 28: 287-294.
- Todres, H., A. Mishulovich, and J. Ahmed. 1992. "Cement Kiln Dust Management: Permeability." Research and Development Bulletin RD103T. Portland Cement Association. Skokie, Illinois. Page 7.
- Travis, C.C., and A.D. Arms. 1988. "Bioconcentration of Organics in Beef, Milk, and Vegetation." *Environmental Science and Technology*. 22:271-274.
- Travis, C.C., C.F. Baes, and L.W. Barnthouse. 1983. *Exposure Assessment Methodology and Reference Environments for Synfuel Risk Analysis*. Oak Ridge National Laboratory. ORNL/TM-8672. Prepared for U.S. EPA Office of Research and Development under Interagency Agreement EPA 82-D-X0533 and DOE-40-740-78.
- Travis, C.C., and H.A. Hattemer-Frey. 1988. "Uptake of Organics by Aerial Plant Parts: A Call for Research." *Chemosphere*. 17(2): 277 to 283.
- Turnbull, D., and J.V. Rodricks. 1985. "Assessment of Possible Carcinogenic Risk to Humans Resulting from Exposure to Di(2-ethylhexyl) Phthalate." *Journal of Am Coll Toxicol*. 4:111-146.
- Turner, D.B. 1986. *FORTTRAN Computer Code/User's Guide for COMPLEX I Version 86064: An Air Quality Dispersion Model in Section 4. Additional Models for Regulatory Use*. Source File 31 Contained in UNAMAP (Version 6). National Technical Information System (NTIS) PB86-222361/AS.

- U.S. Bureau of the Census. 1986. "Geographical Mobility: March 1983 to March 1984." *Current Population Reports*. Series P-20. Number 407. U.S. Government Printing Office. Washington, D.C.
- U.S. Congress. 1989. "Clean Air Act Amendments of 1989." Senate Report No. 228. 101st Congress. First Session. Pages 153-154. December 20.
- U.S. Department of Agriculture (USDA). 1982. *Average Annual Values for the Rainfall Factor, R*. Soil Conservation Service Technical Guide, Section I-C-2. Columbia, Missouri. July.
- USDA. 1994a. *Noncitrus Fruits and Nuts 1993 Summary*. National Agricultural Statistics Service, Agricultural Statistics Board. Washington, D.C. Fr Nt 1-3 (94).
- USDA. 1994b. *Vegetables 1993 Summary*. National Agricultural Statistics Service, Agricultural Statistics Board. Washington, D.C. Vg 1-2 (94).
- USDA. 1997. *Predicting Soil Erosion by Water: A Guide to Conservation Planning With the Revised Universal Soil Loss Equation (RUSLE)*. Agricultural Research Service, Agriculture Handbook Number 703. January.
- U.S. Environmental Protection Agency (EPA). 1979. *Industrial Source Complex Dispersion Model User's Guide, Volume I*. Prepared by the H.E. Cramer Company. Salt Lake City, Utah. Prepared for the Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. EPA 450/4-79/030. NTIS PB80-133044.
- U.S. EPA. 1980a. *Environmental Assessment of a Waste-to-Energy Process. Braintree Municipal Incinerator*. Office of Research and Development (ORD). Washington, D.C. EPA 600/7-80/149.
- U.S. EPA. 1980b. *User's Guide for Multiple Point Source Model with Terrain (MPTER): A Multiple Point Gaussian Dispersion Algorithm with Optional Terrain Adjustment*. Environmental Sciences Research Laboratory (ESRL). Research Triangle Park, North Carolina. EPA 600/8-80/016. NTIS PB80-197361.
- U.S. EPA. 1982a. *MPTER-DS: The MPTER Model Including Deposition and Sedimentation*. Prepared by the Atmospheric Turbulence and Diffusion Laboratory. National Oceanic and Atmospheric Administration. Oak Ridge, Tennessee. Prepared for the ESRL. Research Triangle Park, North Carolina. EPA 600/8-82/024. NTIS PB83-114207.
- U.S. EPA. 1982b. *Pesticides Assessment Guidelines Subdivision O: Residue Chemistry*. Office of Pesticides and Toxic Substances. Washington, D.C. EPA-600-90-003. January.
- U.S. EPA. 1985a. *Rapid Assessment of Exposure to Particulate Emissions from Surface Contamination Sites*. Prepared by Midwest Research Institute under Contract 68-0303116. Office of Health and Environmental Assessment (OHEA). Washington, D.C. EPA/600/8-85/002. NTIS PB 85-192219.

- U.S. EPA. 1985b. *Water Quality Assessment: A Screening Procedure for Toxic and Conventional Pollutants in Surface and Ground Water—Part I (Revised)*. ORD. Athens, Georgia. EPA/600/6-85/002a.
- U.S. EPA. 1986a. *Air Quality Modeling Analysis of Municipal Waste Combustors*. Prepared by PEI Associates. Cincinnati, Ohio.
- U.S. EPA. 1986b. *Guideline on Air Quality Models (Revised)*. Office of Air Quality and Planning and Standards. Research Triangle Park, North Carolina. EPA 450/2-78/072R. NTIS PB86-245248.
- U.S. EPA. 1986c. *Superfund Public Health Evaluation Manual*. Office of Emergency and Remedial Response (OERR). Washington, D.C. EPA/540/1-86/060.
- U.S. EPA. 1986d. “Test Methods for Evaluating Solid Waste—Physical/Chemical Methods.” SW-846, Third Edition and Update I (July 1992), Update II (September 1994), and Update IIB (January 1995).
- U.S. EPA. 1986e. “Guidelines for the Health Risk Assessment of Chemical Mixtures.” *Federal Register*. 51(185):34014-34025. September 24.
- U.S. EPA. 1987a. *Air Dispersion Modeling of a Municipal Waste Combustor in Rutland, Vermont*. Prepared by PEI Associates. Cincinnati, Ohio.
- U.S. EPA. 1987b. *On-Site Meteorological Program Guidance for Regulatory Modeling Applications*. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- U.S. EPA. 1987c. “Technical Guidance for Hazards Analysis.” EPA-OSWER-88-0001. December.
- U.S. EPA. 1988a. *Drinking Water Criteria Document for Polychlorinated Biphenyls (PCBs)*. PB89-199256. April.
- U.S. EPA. 1988b. *Superfund Exposure Assessment Manual*. Office of Emergency and Remedial Response. Washington, D.C. EPA/540/1-88/001. NTIS PB 89-167985.
- U.S. EPA. 1988c. *Federal Guidance Report #11*. EPA-520/1-88-020.
- U.S. EPA. 1989a. *Development of Risk Assessment Methodology for Land Application and Distribution and Marketing of Municipal Sludge*. ORD. OHEA. Environmental Criteria and Assessment Office. Cincinnati, Ohio. EPA 600/6-89/001. NTIS PB90-135740/AS.
- U.S. EPA. 1989b. *Hazardous Waste Treatment, Storage, and Disposal Facilities: Background Information for Proposed Resource Conservation and Recovery Act (RCRA) Air Emission Standards*. EPA/450/3-89-023.

- U.S. EPA. 1989c. *Hazardous Waste Treatment, Storage, and Disposal Facilities: Fugitive Particulate Matter Air Emissions Guidance Document*. Office of Air Quality Planning and Standards. EPA/450/3-89-019.
- U.S. EPA. 1989d. *Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins (CDD) and Dibenzofurans*.
- U.S. EPA. 1989e. *Risk Assessment Guidance for Superfund: Volume I. Human Health Evaluation Manual (Part A)*. OERR. Washington, D.C. OERR 9200 6-303-894.
- U.S. EPA. 1989f. *Handbook: Guidance on Setting Permit Conditions and Reporting Trial Burn Results. Volume II of the Hazardous Waste Incineration Guidance Series*. ORD. EPA/625/6-89/019. January.
- U.S. EPA. 1989g. *Handbook: Hazardous Waste Incineration Measurement Guidance Manual. Volume III of the Hazardous Waste Incineration Guidance Series*. Office of Solid Waste and Emergency Response (OSWER). EPA/625/6-89/021. June.
- U.S. EPA. 1990a. *Operations and Research at the U.S. EPA Incineration Research Facility. Annual Report for FY 89*. Risk Reduction Engineering Laboratory. ORD. Cincinnati, Ohio. EPA/600/9-90/012.
- U.S. EPA. 1990b. "Standards for Owners and Operators of Hazardous Waste Incinerators and Burning of Hazardous Wastes in Boilers and Industrial Furnaces." *Federal Register*. 55:17862-17921.
- U.S. EPA. 1990c. *Technical Support Document for Lead. Final Draft*. Environmental Criteria and Assessment Office (ECAO)-CIN-757. Cincinnati, Ohio.
- U.S. EPA. 1990d. *User's Manual for the PM-10 Open Fugitive Dust Source Computer Model Package*. EPA-450/3-90-010.
- U.S. EPA. 1990e. *Interim Final Methodology for Assessing Health Risks Associated with Indirect Exposure to Combustor Emissions*. Environmental Criteria and Assessment Office. ORD. EPA-600-90-003. January.
- U.S. EPA. 1990f. *Exposure Factors Handbook*. OHEA. Exposure Assessment Group. Washington, D.C. March.
- U.S. EPA. 1990g. "National Oil and Hazardous Substances Pollution Contingency Plan." *Federal Register*. 55(46). March 8.
- U.S. EPA. 1990h. *Development of Relative Potency Estimates for Polycyclic Aromatic Hydrocarbons (PAH) and Hydrocarbon Combustion Product Fractions Compared to Benzo(a)pyrene and Their Use in Carcinogenic Risk Assessments*. OHEA. EPA/600/R-92/134. September.

- U.S. EPA. 1991a. "Burning of Hazardous Waste in Boilers and Industrial Furnaces: Final Rule." *Federal Register*. 56:7134-7240.
- U.S. EPA. 1991b. Memorandum Regarding Human Health Evaluation Manual, Supplemental Guidance: "Standard Default Exposure Factors." From Timothy Fields, Jr., Acting Director, OERR and Bruce Diamond, Director, Office of Waste Programs Enforcement (OWPE). To Various Regional EPA Directors. OSWER Directive 9285.6-03. March 25.
- U.S. EPA. 1991c. *Dose-Response Analysis of Ingested Benzo(a)pyrene (Chemical Abstract Service (CAS) No. 50-32-8)*. ORD. EPA/600/R-92/045. December.
- U.S. EPA. 1991d. *Risk Assessment Guidance for Superfund: Volume I—Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals)*. Interim Final. December.
- U.S. EPA. 1992a. "Implementation of Boiler and Industrial Furnace Regulations, New Toxicological Data." Memorandum from Shiva Garg, OSWER. February 11.
- U.S. EPA. 1992b. "An Science Advisory Board (SAB) Report: Review of the Uptake Biokinetics Model for Lead." EPA-SAB-IAQC-92016. March.
- U.S. EPA. 1992c. *Technical Implementation Document for EPA's Boiler and Industrial Furnace Regulations*. OSWER. EPA-530-R-92-011. March.
- U.S. EPA. 1992d. "Estimating Exposure to Dioxin-Like Compounds. Draft Report." OHEA. Washington, D.C. EPA/600/6-88/005B. August.
- U.S. EPA. 1992e. *Health Reassessment of Dioxin-Like Compounds, Chapters 1 to 8. Workshop Review Draft*. OHEA. Washington, D.C. EPA/600/AP-92/001a through 001h. August.
- U.S. EPA. 1992f. *National Study of Chemical Residues in Fish*. Office of Science and Technology. September.
- U.S. EPA. 1992g. *Guidance for Data Useability in Risk Assessment (Part A): Final*. NTIS PB92-963356/XAB. Office of Emergency and Remedial Response. U.S. EPA. Washington, D.C. April.
- U.S. EPA. 1993a. *Development and Testing of Dry Deposition Algorithms*. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. EPA/4504/R-92/017.
- U.S. EPA. 1993b. *Guideline on Air Quality Models (Revised)*. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. EPA/450/2-78/072R.
- U.S. EPA. 1993c. *Protocol for Equipment Leak Emission Estimates*. EPA/453/R-93/026.

- U.S. EPA. 1993d. *Technical Support Document for Land Application of Sewage Sludge*. Volumes I and II. EPA 822/R-93-001a. Office of Water. Washington, D.C.
- U.S. EPA. 1993e. *Protocol for Equipment Leak Emission Estimates*. EPA/453/R-93-026. June.
- U.S. EPA. 1993f. *Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons*. EPA/600/R-93/089. July.
- U.S. EPA. 1993g. "Addendum to the Methodology for Assessing Health Risks Associated with Indirect Exposure to Combustor Emissions." Working Group Recommendations. Office of Solid Waste. ORD. Washington D.C. September 24.
- U.S. EPA. 1993h. *Review Draft Addendum to the Methodology for Assessing Health Risks Associated with Indirect Exposure to Combustor Emissions*. OHEA. ORD. EPA/600-AP-93-003. November 10.
- U.S. EPA. 1993i. "Report to Congress on Cement Kiln Dust." OSWER. EPA/530-R-94-001. December.
- U.S. EPA. 1993j. "Report to Congress on Cement Kiln Dust." Executive Summary. OSWER. EPA/530-S-94-001. December.
- U.S. EPA. 1993k. "Handbook of Chemical Incinerator Trial Burn Risk Assessment." Volume 1. Prepared by Roy F. Weston for EPA Region 3. June 21.
- U.S. EPA. 1994a. *Health Assessment Document for 2,3,7,8-TCDD and Related Compounds. Volume III. Review Draft*. ORD. Washington, D.C. EPA/600/BP-92/001c.
- U.S. EPA. 1994b. *Health Effects Assessment Summary Tables. Annual Update*. ORD. OHEA-ECAO-CIN-909. Environmental Criteria and Assessment Office. Cincinnati, Ohio.
- U.S. EPA. 1994c. *User's Guide for the Industrial Source Complex Dispersion Models (Revised)*. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Draft.
- U.S. EPA. 1994d. *Air/Superfund National Technical Guidance Study Series. Volume V—Procedures For Air Dispersion Modeling At Superfund Sites*. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. February.
- U.S. EPA. 1994e. *Guidance Manual for the Integrated Exposure Uptake Biokinetics Model for Lead in Children*. OERR. Washington, D.C. EPA/540/R-93/081. February.
- U.S. EPA. 1994f. *Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities*. OSWER. EPA-530-R-94-021. April 22.

- U.S. EPA. 1994g. *Draft Guidance for Performing Screening Level Risk Analyses at Combustion Facilities Burning Hazardous Wastes. Attachment C, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* April 15.
- U.S. EPA. 1994h. Table 1, “Chemicals Recommended for Identification,” and Table 2, “Chemicals for Potential Identification.” *Attachment A, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* April 15.
- U.S. EPA. 1994i. *Draft Revision, Implementation Guidance for Conducting Indirect Exposure Analysis at RCRA Combustion Units. Attachment, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* April 22.
- U.S. EPA. 1994j. *Draft Guidance on Trial Burns. Attachment B, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* May 2.
- U.S. EPA. 1994k. *Estimating Exposure to Dioxin-Like Compounds. Volume I: Executive Summary. Review Draft.* ORD. Washington, D.C. EPA/600/6-88/005Ca. June.
- U.S. EPA. 1994l. *Estimating Exposure to Dioxin-Like Compounds. Volume II: Properties, Sources, Occurrence, and Background Exposures. Review Draft.* ORD. Washington, D.C. EPA/600/6-88/005Cb. June.
- U.S. EPA. 1994m. *Estimating Exposure to Dioxin-Like Compounds. Volume III: Site-Specific Assessment Procedures. Review Draft.* ORD. Washington, D.C. EPA/600/6-88/005Cc. June.
- U.S. EPA. 1994n. *Draft Revision of Guidance on Trial Burns. Attachment B, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* OSWER. June 2.
- U.S. EPA. 1994o. “Memorandum Regarding Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities.” OSWER Directive 9355.4-12. From Elliot P. Laws, Assistant Administrator. To Regional Administrators Regions I - X. July 14.
- U.S. EPA. 1994p. *Errata, Draft Guidance for Performing Screening Level Risk Analyses at Combustion Facilities Burning Hazardous Wastes. Attachment C, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* October 4.
- U.S. EPA. 1994q. *Draft Technical Background Document for Soil Screening Guidance.* EPA/540/R-94/106. OSWER. Washington, D.C. December.
- U.S. EPA. 1994r. *Revised Draft Guidance for Performing Screening Level Risk Analyses at Combustion Facilities Burning Hazardous Wastes. Attachment C, Draft Exposure Assessment Guidance for RCRA Hazardous Waste Combustion Facilities.* OERR. OSW. December 14.
- U.S. EPA. 1995a. *Compilation of Air Pollutant Emission Factors: Volume I, Stationary Point and Area Sources.* Research Triangle Park, North Carolina. 5th Edition. AP-42. January.

- U.S. EPA. 1995b. *Further Issues for Modeling the Indirect Exposure Impacts from Combustor Emissions*. ORD. Washington, D.C. January 20.
- U.S. EPA. 1995c. *User's Guide to the Building Profile Input Program*. EPA-454/R-93-038. Office of Air Quality Planning and Standards, Technical Support Division. Research Triangle Park, North Carolina. February.
- U.S. EPA. 1995d. "Regulatory Determination on Cement Kiln Dust; Final Rule." *Federal Register*. February 7.
- U.S. EPA. 1995e. *Review Draft Development of Human Health-Based and Ecologically-Based Exit Criteria for the Hazardous Waste Identification Project*. Volumes I and II. Office of Solid Waste. March 3.
- U.S. EPA. 1995f. *User's Guide For The Industrial Source Complex Dispersion Models, Volumes I and II*. Office of Air Quality Planning and Standards. Emissions, Monitoring, and Analysis Division. Research Triangle Park, North Carolina. EPA-454/B-95-003a. September.
- U.S. EPA. 1995g. *PCRAMMET User's Guide*. Office of Air Quality Planning and Standards. Emissions, Monitoring, and Analysis Division. Research Triangle Park, North Carolina. October.
- U.S. EPA. 1995h. "Waste Technologies Industries Screening Human Health Risk Assessment (SHHRA): Evaluation of Potential Risk from Exposure to Routine Operating Emissions." Volume V. External Review Draft. U.S. EPA Region 5, Chicago, Illinois.
- U.S. EPA. 1995i. *Development of Compliance Levels from Analytical Detection and Quantitation Levels*. U.S. EPA, Washington, DC. NTIS PB95-216321.
- U.S. EPA. 1995j. *New Policy on Evaluating Health Risks to Children*. Memorandum to Assistant Administrators, General Counsel, Inspector General, Associate Administrators, regional Administrators. From Carol M. Browner, Administrator, and Fred Hansen, Deputy Administrator. U.S. EPA, Washington, DC. October 20.
- U.S. EPA. 1995k. *Protocol for Equipment Leak Emission Estimates*. EPA/453/R-95-017.
- U.S. EPA. 1996a. "Integrated Risk Information System." *Database on the Toxicology Information Network*.
- U.S. EPA. 1996b. "Response to Comments Regarding the Screening Level Risk Assessment for the Drake Chemical Company Superfund Site Incinerator."
- U.S. EPA. 1996c. *Review and Comments of EPA's Peer Review Panel on the Risk Assessment in Support of a Proposed Rule for Technical Standards for Emissions from Combustion Units Burning Hazardous Wastes*.

- U.S. EPA. 1996d. *Guidance for Total Organics*. Final Report. Radian Corporation. Contract 68-D4-0022, Work Assignment 8. EPA/600/R-96/033. March.
- U.S. EPA. 1996e. "Proposed Guidelines for Carcinogen Risk Assessment." *Federal Register*. 61 Federal Register (FR) 17960. Volume 61. Number 79. April 23.
- U.S. EPA. 1996f. "Accidental Release Prevention Requirements: Risk Management Programs Under Clean Air Act Section 112(r)(7)." *Federal Register*. 61FR31667. Volume 61. Number 120. June 20.
- U.S. EPA. 1996g. *Public Participation Record for Screening Risk Assessment for Operation of the Tooele Chemical Demilitarization Facility at the Tooele Chemical Activity and Resulting Permit Modification*. June 20.
- U.S. EPA. 1996h. "Formation of Dioxin-Like PICs During Incineration of Hazardous Wastes." Memorandum to the Record. Dorothy Canter. June 21.
- U.S. EPA. 1996i. "Memorandum regarding Johnston Atoll Chemical Agent Disposal System (JACADS) Risk Assessment Issues." From Dorothy Canter to Patrick Wilson. July 24.
- U.S. EPA. 1996j. "Meteorological Processor For Regulatory Models User's Guide." EPA-454/B-96-002. Office of Air Quality Planning and Standards, Emissions Monitoring and Analysis Division. Research Triangle Park, North Carolina. August.
- U.S. EPA. 1996k. *Guideline on Air Quality Models*. Title 40 Code of Federal Regulations Part 51, Appendix W. September.
- U.S. EPA. 1996l. *User's Guide for ExInter 1.0. Draft Version*. U.S. EPA Region 6 Multimedia Planning and Permitting Division. Center for Combustion Science and Engineering. Dallas, Texas. EPA/R6-096-0004. October.
- U.S. EPA. 1996m. Internal Memorandum Regarding JACADS Risk-Related Issues. From Timothy Fields, Jr., Deputy Assistant Administrator, OSWER. To Julie Anderson, Director, Waste Management Division. October 2.
- U.S. EPA. 1996n. Telefax Memorandum Regarding Evaluation of Acute Inhalation Exposure to Kalama Chemical Company Upset Incinerator Emissions. From Cathy Massimino, U.S. EPA Region 10. To David Weeks, U.S. EPA Region 6. December 5.
- U.S. EPA. 1996o. "Region 10 Tiered Approach for Developing Acute Inhalation Exposure Values." Facsimile Transmission from Cathy Massimino, EPA Region 10 to David Weeks, EPA Region 6. December 16, 1996.
- U.S. EPA. 1996p. "Drake Chemical Incinerator Trial Burn Risk Assessment, Volume 1." Prepared by Roy F. Weston for EPA Region 3. June 21.

- U.S. EPA. 1996q. "PCBs: Cancer Dose-Response Assessment and Application to Environmental Mixtures." National Center for Environmental Assessment, Office of Research and Development. EPA/600/P-96/001F. September.
- U.S. EPA. 1996r. *Recommendations for the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil*. Technical Review Workgroup for Lead. December.
- U.S. EPA. 1997a. *Estimating Radiogenic Cancer Risks*. Office of Radiation and Indoor Air. U.S. EPA. Washington, DC. EPA 402-R-93-076. April 2.
- U.S. EPA. 1997b. "Development of a Hazardous Waste Incinerator Target Analyte List of Products of Incomplete Combustion, Draft Final Report". National Risk Management Research Laboratory, Air Pollution Prevention and Control Division, U.S. EPA. Research Triangle Park, North Carolina. July 25.
- U.S. EPA. 1997c. *Exposure Factors Handbook*. Office of Research and Development. EPA/600/P-95/002Fc. August.
- U.S. EPA. 1997d. *Mercury Study Report to Congress, Volumes I through VIII*. Office of Air Quality Planning and Standards and ORD. EPA/452/R-97-001. December.
- U.S. EPA. 1997e. *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*. Interim Final. OSWER, U.S. EPA. EPA 540-R-97-006. June.
- U.S. EPA. 1998a. *The Inventory of Sources of Dioxin in the United States*. External Review Draft. Office of Research and Development, National Center for Environmental Assessment, U.S. EPA. EPA/600/P-98/002As. April.
- U.S. EPA. 1998 In Press. *Guidance on Collection of Emissions Data to Support Site-Specific Risk Assessments at Hazardous Waste Combustion Facilities*. Internal Review Draft. Prepared by EPA Region 4 and the Office of Solid Waste.
- Valentine, R.L. 1986. "Nonbiological Transformation." *Vadose Zone Modeling of Organic Pollutants*. S.C. Hern and S.M. Melacon, Editors. Lewis Publishers, Inc. Chelsea, Michigan.
- Valentine, R.L., and Schnoor. 1986. "Biotransformation." *Vadose Zone Modeling of Organic Pollutants*. S.C. Hern and S.M. Melancon, Editors. Lewis Publishers, Inc. Chelsea, Michigan.
- Vanoni, V.A. 1975. *Sediment Engineering*. American Society of Civil Engineers. New York, New York. Pages 460-463.
- Weast, R.C. 1986. *Handbook of Chemistry and Physics*. 66th Edition. Cleveland, Ohio. CRC Press.

- Wikström, Evalena, G. Löfvenius, C. Rappe, and S. Marklund. 1996. "Influence of Level and Form of Chlorine on the Formation of Chlorinated Dioxins, Dibenzofurans, and Benzenes during Combustion of an Artificial Fuel in a Laboratory Reactor." *Environmental Science and Technology*. Volume 30. Pages 1637-1644. May.
- Wipf, H.K., E. Homberger, N. Neuner, U.B. Ranalder, W. Vetter, and J.P. Vuilleumier. 1982. "TCDD Levels in Soil and Plant Samples from the Seveso Area." In: *Chlorinated Dioxins and Related Compounds: Impact on the Environment*. Eds. Hutzinger, O. et al. Pergamon, New York.
- Witby, K.T. 1978. "The Physical Characteristics of Sulfur Aerosols." *Atmospheric Environment*. 12:135-159.
- Wright, D.R. and R.D. Hamilton. 1982. "Release of Methyl Mercury from Sediments: Effects of Mercury Concentration, Low Temperature, and Nutrient Addition." *Can J Fish Aquat Sci* 39: 1459-1466.
- Wright, George W. 1978. "The Pulmonary Effects of Inhaled Inorganic Dust." *Patty's Industrial Hygiene and Toxicology*. Edited by George D. Clayton and Florence E. Clayton. John Wiley & Sons. New York. Third Revised Edition. Volume 1.
- Xun, L., E. R. Campbell and J.W.M. Rudd. 1987. "Measurements of Specific Rates of Net Methyl Mercury Production in the Water Column and Surface Sediments of Acidified and Circumneutral Lakes." *Can J Fish Aquat Sci* 44: 750-757.

