

# Data Summary of Municipal Solid Waste Management Alternatives

## Volume XII: Numerically Indexed Bibliography

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*SRI International*  
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NREL Technical Monitors: Bimleshwar Gupta  
Philip Shepherd



National Renewable Energy Laboratory  
(formerly the Solar Energy Research Institute)  
1617 Cole Boulevard  
Golden, Colorado 80401-3393  
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## Report Organization

This report, *Data Summary of Municipal Solid Waste Management Alternatives*, comprises 12 separately bound volumes. Volume I contains the report text. Volume II contains supporting exhibits. Volumes III through X are appendices, each addressing a specific MSW management technology. Volumes XI and XII contain project bibliographies. The document control page at the back of this volume contains contacts for obtaining copies of the other volumes.

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COMPLETE LIST OF REFERENCES

001 Alter, H., "The Future Course of Solid Waste Management in the U.S.," *Waste Management & Research* 9, 1991, pp. 3-20.

002 Bartone, C. R., "Economic and Policy Issues in Resource Recovery from Municipal Solid Wastes," *Resources, Conservation and Recycling* 4 (1990) pp. 7-23. 1990,

003 Brasser, L.J., "Solid Waste Disposal in The Netherlands," *J. Air Waste Management Association*, Oct 1990, pp. 1364-1367.

004 Florini, K.L., R.A. Denison, and J. Ruston, "An Environmental Perspective on Solid Waste Management," *Integrated Solid Waste Management, Options for Legislative Action*. Ed. F. Kreith, Genium Publishing Corp., Schenectady, NY. 1990.

005 Grogan, T., "The Environmental Protection Agency's Municipal Solid Waste Program: Current Action and Future Plans," *Integrated Solid Waste Management, Options for Legislative Action*. Ed. F. Kreith. Genium Publishing Corp., Schenectady, NY. 1990.

006 Moore, T. and P. Reiter, "Least-Cost Planning for Waste Management Systems," presented at 82nd Annual Meeting of Air & Waste Management Assoc. Anaheim, CA. Jun 1989.

007 Morris, P.J., R.J. Bryan and B.I. Loran, "Environmental Consequences of Municipal Solid Waste Disposal Practices," *Resource Recovery of Municipal Solid Waste. AIChE Symposium Series*. No. 265. Vol. 34. pp. 107-114. Ed, P.J. Knox. AIChE. 1988.

008 Perkins, J.M., "Policy Options for Minimizing Nonhazardous Solid Waste," presented at 82nd Annual Meeting of Air & Waste Management Assoc. Anaheim, CA. June 1989.

009 Rushbrook, P.E. and A. Krol, "The Structure and Progress of a Joint International Energy Agency Information and Research Network Between Canada, Sweden and the United Kingdom," *Resources, Conservation and Recycling* 4 (1990), 1990, pp. 25-31.

010 Walter, D.K., B.J. Goodman and C.E. Thomas, "Thermal and Biological Options for Advanced RDF Systems," *AIChE Symposium Series*, No. 265, Vol 84, AIChE, New York, NY, 1988.

011 Williams, M.E., "Integrated Solid Waste Management," *Integrated Solid Waste Management, Options for Legislative Action*. ed., F. Kreith, Genium Publishing Corp. Schenectady, NY. 1990, pp. 9-19.

012 Kotani, T. and K. Mikawa, "Combustible Materials Recovery and MSW Fluidized Bed Incineration in Japan," *Resource Recovery of Municipal Solid Wastes, AIChE Symposium Series*, No. 265, Vol 34, AIChE, 1988.

COMPLETE LIST OF REFERENCES

013 Korzun, E.A., N.T. Stephens and H.H. Heck, "The Impact of Increased Recycle Rates on Markets in Florida," J. Air & Waste Management Assoc., vol 39, no. 12, December 1989, pp. 1544-1548.

014 Sim, W.J., "An Italian Process for Handling Municipal Solid Wastes," Resource Recovery of Municipal Solid Wastes. AIChE Symposium Series, No. 265, Vol. 34. Ed. P.J. Knox. AIChE, 1988.

015 Ahmed, S., R. Kumar and J.E. Helt, "Computer Simulation of a Municipal Solid Waste Combustor," J. Air & Waste Management Assoc., October 1989, pp. 1328-1333.

016 Haley, C.A.C., "Energy Recovery from Burning Municipal Solid Wastes: A Review," Resources, Conservation and Recycling 4, 1990, pp. 77-103.

017 Hasselriis, F., "How Control of Combustion, Emissions and Ash Residues from Municipal Solid Waste can Minimize Environmental Risk," Resource Recovery of Municipal Solid Wastes. AIChE Symposium Series, no. 265, vol 84, P.J. Knox, ed, AIChE, 1988, pp. 154-167.

018 Larkert, A., "Pelletizing for Waste Utilization in Sweden," Resource Recovery of Municipal Solid Wastes. AIChE Symposium Series, no. 265, vol 84, P.J. Knox, ed, AIChE, 1988, pp. 63-70.

019 Makansi, J., "Fluidized-Bed Boilers: Special Report," Power, March 1991, pp. 15-32.

020 Rigo, H.G. and A.D. Conley, "Waste-to-Energy Facility Capital Costs," Proceedings of ASME National Waste Processing Conference, Philadelphia, PA, May 1988, pp. 23-28.

021 Russell, S. H., "Solid Waste Preprocessing: The Return of an Alternative to Mass Burn," Proceedings of ASME National Waste Processing Conference, Philadelphia, PA, May 1988, pp. 73-76.

022 Smith, D.J., "Fluidized-Bed Combustion Emerges as Proven Technology," Power Engineering, April 1991, pp. 30-32.

023 Sommer, E.J. Jr., G.R. Kenny et al, "Mass Burn Incineration with a Presorted MSW Fuel," J. Air & Waste Management Assoc. vol. 39, no. 4, April 1989, pp. 511-516.

024 Sommerlad, R.E., W.R. Seeker et al, "Environmental Characterization of Refuse Derived Fuel Incinerator Technology," Proceedings of ASME Waste Processing Conference, Philadelphia, PA, May 1988, pp. 302-314.

025 Velzy, C.O., "Incineration's Role in Integrated Solid Waste Management," Integrated Solid Waste Management, Options for Legislative Action, F. Kreith, ed, Genium Publishing Corp., 1990, pp. 103-120.

## COMPLETE LIST OF REFERENCES

026 Beckman, A. H. and D.R. Spahn, "Dry Lime Injection for Acid Gas Control in Municipal Waste Incinerators," Air & Waste Management Association 82nd Annual Meeting. Anaheim, CA, June 1989.

027 Brna, T.G., "State-of-the-Art Flue Gas Cleaning Technologies for MSW Combustion," Resource Recovery of Municipal Solid Wastes, AIChE Symposium Series, vol 34, no. 265. P.J. Knox, ed. AIChE, New York, NY. 1988.

028 Brna, T.G. and J.D. Kilgroe, "The Impact of Particulate Emissions Control on the Control of Other MWC Air Emissions," J. Air & Waste Management Association, September 1990, pp. 1324-1330.

029 Dhargalkar, P.H. and J.T. Zmuda, "Dry Scrubbing Systems Experience in Resource Recovery Applications," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

030 Donnelly, J.R. and K.S. Felsvang, "Low Outlet Temperature Operation for Resource Recovery SDA Emission Control Systems," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

031 Donnelly, J.R. and K.S. Felsvang, "Joy/Niro SDA MSW Gas Cleaning Systems New Developments," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

032 Fellows, K.T. and M.J. Pilat, "HCl Sorption by Dry NaHCO<sub>3</sub> for Incinerator Emissions Control," J. Air & Waste Management Association, June 1990, pp. 887-893.

033 Frame, G.B., "A Comparison of Air Pollution Control Systems for Municipal Solid Waste Incinerators," J. Air & Waste Management Association, August 1988, pp. 1081-1087.

034 Hahn, J.L., H.O. VonDem Fange and D.S. Sofaer, "Recent Air Emissions Data from Ogden Martin Systems, Inc. Resource Recovery Facilities," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

034 Alter, H., Materials Recovery from Municipal Waste, Unit Operations in Practice. Pollution Engineering and Technology, Marcel Dekker, Inc., New York, NY, 1983.

035 Hahn, J.L. and D.S. Sofaer, "Environmental Test Results from the Stanislaus County, CA Resource Recovery Facility," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

036 Korzun, E.A. and H.H. Heck, "Sources and Fates of Lead and Cadmium in Municipal Solid Waste," J. Air Waste Management Association, Sep 1990, pp. 1220-1226.

COMPLETE LIST OF REFERENCES

037 Pasek, R.J. and G.P. Lindner, "Toxic Emission Sampling at the Commerce Refuse to Energy Facility," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

038 Poslusny, M., P. Moore and K. Daugherty, "Organic Emission Studies of Full-Scale Cofiring of Pelletized RDF/Coal," Resource Recovery of Municipal Solid Wastes, AIChE Symposium Series, no. 265, vol 84, P.J. Knox, ed., AIChE, 1988.

039 Turner, J.H., P.A. Lawless et al, "Sizing and Costing of Electrostatic Precipitators, Part I. Sizing Considerations," J. Air Pollution Control Association, April 1988, pp. 458-471.

040 Turner, J.H., P.A. Lawless et al, "Sizing and Costing of Electrostatic Precipitators, Part II: Costing Considerations," J. Air Pollution Control Association, May 1988, pp. 715-726.

041 Visalli, J.R., "A Comparison of Dioxin, Furane, Combustion Gas Data from Test Programs at Three MSW Incinerators," J. Air Pollution Control Association, December 1987, pp. 1451-1463.

042 Yasuda, K., M. Kaneko et al, "Basic Research on the Emission of Polycyclic Aromatic Hydrocarbons Caused by Waste Incineration." J. Air & Waste Management Association, December 1989, pp. 1557-1561.

043 Denison, R.A., "The Hazards of Municipal Incinerator Ash and Fundamental Objectives of Ash Management," Resource Recovery of Municipal Solid Wastes, AIChE Symposium Series, vol 34, no. 265. P.J. Knox, ed, AIChE, 1988. pp. 148-153.

044 Mahoney, P.F. and J.F. Mullen, "Utilization of Ash Products from Combustion of Shredded Solid Waste," Hazardous and Industrial Solid Waste Minimization Practices, Americal Society for Testing and Materials ASTM STP 1043, Philadelphia, PA, 1989, pp. 196-204.

045 Ernst, A-A, "A Review of Solid Waste Management by Composting in Europe," Resources, Conservation and Recycling 4, 1990, pp. 135-149.

046 Cobb, C.E. and K. Ruckstuhl, "Mining and Reclaiming Existing Sanitary Landfills," Proceedings of ASME National Waste Processing Conference, Philadelphia, PA, May 1988, pp. 145-151.

047 Siu, W., D.A. Levaggi and T.F. Brennan, "Solid Waste Assessment Test Results from Landfills in the San Francisco Bay Area," Air & Waste Management Association 82nd Annual Meeting. Anaheim, CA, June 1989.

048 Wallgren, D.A., "Modern Landfill Technology: The Cornerstone of an Integrated Solid Waste Management Program," Integrated Solid Waste Management, Options for Legislative Action. F. Kreith, ed, Genium Publishing, Schenectady, NY, 1990.

COMPLETE LIST OF REFERENCES

049 Beetschen, L.J. and P. Cazanave, "Valorga Solid Waste Reduction Process from France," AIChE Symposium Series: Resource Recovery of Municipal Solid Wastes, No. 265, Vol. 84. AIChE, New York, NY. 1988, pp. 71-74.

050 Mallya, N. and J.E. Helt, "Potential for Converting MSW to Useful Fuels Through Pyrolysis," Proceedings of ASME National Waste Processing Conference, Philadelphia, PA, May 1988, pp. 295-300.

051 Derry, R., Plastics Recycling in Europe. Warren Spring Laboratory Report LR 709(MR). April 1989.

053 Walter, D.K., "Resource Recovery: A Solution to Two Problems," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings, Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

054 Turner, W.D., "Large-Scale Waterwall Systems - Current Status," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

055 Helt, J.E., "External Combustion: An Alternative to RDF," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137., Feb 1984.

056 Mayberry, J.L., "Energy from Municipal Solid Waste: Status of Mechanical Equipment," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, February 1984.

057 Hasselriis, F., "Firing Refuse-Derived Fuel," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, February 1984.

058 Fiscus, D.E., R.D. Petersen et al, "Results of RDF Cofiring by the Electric Utility Industry," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, February 1984.

059 Savage, G.M., "Modeling Techniques for Characterizing the Performance of Waste Conversion Facilities," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, February 1984.

COMPLETE LIST OF REFERENCES

060 Kuester, J.L., "Pyrolytic Conversion of Municipal Waste to Energy," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, February 1984.

061 Trezek, G.J., "State of the Art of Fluidized Bed Combustion of Municipal Solid Waste," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

062 Pfeffer, J.T. and H.R. Isaacson, "Biological Conversion of Wastes," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

063 Mooij, H.P., "Solid Waste to Methane Gas," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

064 Velzy, C.O., Trace Emissions in Resource Recovery -- Problems, Issues and Possible Control Techniques," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

065 Westlake, K.A., "Environmental Trends in Resource Recovery," Energy from Municipal Waste: State-of-the-Art and Emerging Technologies -- Workshop Proceedings. Chicago, IL, Nov 1983. Argonne National Lab ANL/CNSV-TM-137, Feb 1984.

066 Turner, W.D., Thermal Systems for Conversion of Municipal Solid Waste, Vol 2. Mass Burning of Solid Waste in Large -Scale Combustors: A Technology Status Report. Argonne National Lab ANL/CNSV-TM-120 vol 2. December 1982.

067 Hasselriis, F., Thermal Systems for Conversion of Municipal Solid Waste, Vol 4. Burning Refuse-Derived Fuels in Boilers: A Technology Status Report, Argonne National Lab ANL/CNSV-TM-120 vol 4, March 1983.

068 Tuttle, K.L., "Combustion Generated Particulate Emissions," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 1-8.

069 Hahn, J.L., "Innovative Technology for the Control of Air Pollution at Waste-to-Energy Plants," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 9-16.

070 Haerland, R.A., "Multi-Fuel Boiler Technology," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 31-39.

COMPLETE LIST OF REFERENCES

071 Sommer, E.J., Jr., G.R. Kenny et al, "Mass Fired Energy Conversion Efficiency, Emissions, and Capacity with a Homogeneous Low Ash Fuel," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 41-53.

072 Schanche, G.W. and K.E. Griggs, "Features and Operating Experiences of Heat Recovery Incinerators," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 55-64.

073 Law, I.J. and F.H. Sanneman, "Duluth Codisposal Facility Update," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 79-90.

074 Wolman, M.R., W.S. Hubble et al, "Power Generation from Automobile Shredder Waste Fuel: Characterization and System Feasibility," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 91-103.

075 Engdahl, R.B., "Energy Recovery from Raw versus Refined Municipal Wastes," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 105-112.

076 Hepp, M.P., R.M. Nethercutt and J.F. Wood, "Considerations in the Design of High Temperature and Pressure Refuse-Fired Power Boilers," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 113-118.

077 Hurst, B.E. and C.M. White, "Thermal DeNOx: A Commercial Selective Noncatalytic NOx Reduction Process for Waste-to-Energy Applications," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 119-127.

078 Reynolds, J. and M.K. Wees, "Full Service Procurement of Waste-to-Energy Projects with Short-Term Operating Contracts," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 151-155.

079 Graham, D.H., "Management, Operation, and Maintenance Systems for Waste Facilities," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 157-176.

080 Guillory, J.L. and G.O. Goldbach, "Production of Intermediate Heating Value Gas from Municipal Solid Waste via Oxygen-Blown Fluidized Bed Gasification," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 195-203.

081 Daniel, P.L., J.L. Barna and J.D. Blue, "Furnace-Wall Corrosion in Refuse-Fired Boilers," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 221-228.

COMPLETE LIST OF REFERENCES

082 Becker, R., D. Schlotthauer and M.K. Wees, "Continuous Monitoring of the Performance of Mass Burn Waste-to-Energy Plants," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986.

083 Barr, T.D., K.C. O'Brien and D.F. Moats, "Working Out the Kinks: An Update on Columbus' Refuse and Coal-Fired Municipal Electric Plant," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986.

084 Cotter, D.A., "San Francisco's Integrated Recycling Programs," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 259-264

085 Stelian, J. and H.L. Greene, "Operating Experience and Performance of Two Wet Ash Handling Systems Used in Mass Burning Solid Waste Facilities," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 275-282.

086 Frounfelker, R., "Heat Recovery Incineration for the City and Borough of Sitka, Alaska," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 283-297.

087 Kenny, G.R., E.J. Sommer, Jr. and J.A. Kearley, "Operating Experience and Economics of a Simplified MSW Materials Recovery and Fuel Enhancement Facility," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 299-315.

088 Wheless, E. and M. Selna, "Commerce Refuse-to-Energy Facility, an Alternative to Landfilling," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 317-323.

089 Brickner, R.H. and W.D. Kean, "Power Generation Alternatives - Small Scale Waste-to-Energy Systems," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 325-340.

090 Chen, P.M. and G.F. Brakebill, "Legislative Considerations in Financing of Resource Recovery Projects," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 351-359.

091 Savage, G.M. and L.F. Diaz, "Key Issues Concerning Waste Processing Design," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 361-373.

092 Glaub, J.C. and G.J. Trezek, "Processing and Economics of Mixed Paper Waste as an Energy Source," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986.

093 Nollet, A.R., D.S. Hedlund and F. Hasselriis, "Test of Rotary Drum Air-Classifier at Albany, NY Solid Waste Energy Recovery System," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 383-400.

COMPLETE LIST OF REFERENCES

094 Cashin, F.J. and P. Carrera, "The Sorain-Cecchini System for Material Resource Recovery," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 401-411.

095 Kaminski, D., "Performance of the RDF Delivery and Boiler Feed System at the Lawrence, MA Facility," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 413-418.

096 Chesner, W.H., R.J. Collins and T. Fiesinger, "The Characterization of Incinerator Residue in the City of New York," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 419-433.

097 Domalski, E.S., A.E. Ledford et al, "The Chlorine Content of Municipal Solid Waste from Baltimore County, MD and Brooklyn, NY," Proceedings of ASME National Waste Processing Conference, Denver, CO, June 1986, pp. 435-448.

098 Bowen, G.E., "Assessing the Feasibility of Solid Waste Disposal and Heat Recovery Systems," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 1-10.

099 Rigo, H.G. and W.H. Davis, "Accommodating Uncertainty in Waste-to-Energy Plant Design," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 11-27.

100 Madenburg, R.S., "Assessing Waste-to-Energy Project Risks," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 28-33.

101 Konheim, C.S., "The Highest Hurdle: Public Acceptance of Resource Recovery Facility Sites," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 47-53.

102 Sauvage, J.G. and P.M. Chen, "Financial Considerations in the Development of Solid Waste/Resource Recovery Facilities," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 54-64.

103 Pytlar, T.S., Jr., S.W. Fass and W.C. Miller, "The Integration of Energy and Material Recovery in the Essex County Solid Waste Management Plan," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 79-96.

104 Massoudi, M.S., "Feasibility of 100% RDF Firing for Power Generation," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 111-118.

COMPLETE LIST OF REFERENCES

105 Taylor, H.F., D.E. McCoy and W.D. Carroll, "Introducing a 200 TPD Modular Waterwall Cogeneration Facility in New Hanover County, NC," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 145-153.

106 Baranow, S., G.Y. Lai and M.F. Rothman, "Materials Problems in Incineration Plants," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984.

107 Kodres, C.A., "Numerical Simulation of Energy Recovery Incinerators," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 178-194.

108 Igarashi, M., Y. Hayafune et al, "Pyrolysis of Municipal Solid Waste," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 272-281.

109 Kwon, H.S. J.F. Laukaitis and J.P. Leglise, "Utilization of Solid Waste Fuels Through Fluidized Bed Combustion," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 282-300.

110 Pompelia, D.M., "Air Quality Regulatory Issues Associated with Resource Recovery," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 320-330.

111 Petersen, H.H., "Electrostatic Precipitators for Resource Recovery Plants," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 377-384.

112 Flynn, B.L., J.Y. Hsieh and D.A. Curtis, "Effect of Product Recycle on Dry Acid Gas Emission Control," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 385-396.

113 Scaramelli, A.B. and L.K. Batton, "Pilot Fabric Filter Performance at Saugus Resco Mass Burn Facility," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 397-400.

114 Brabham, E. and J. Norton, "Modern Air Pollution Control Retrofits: The Potential for Recovery of the Incinerator Itself," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 401-416.

115 Kenny, G.R. and E.J. Sommer, Jr., "A Simplified Process for Metal and Noncombustible Separation from MSW Prior to Waste-to-Energy Conversion," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 574-589.

116 Sommer, E.J., Jr., and G.R. Kenny, "Effects of Material Recovery on Waste-to-Energy Conversion at the Gallatin, TN Mass Fired Facility," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 590-618.

## COMPLETE LIST OF REFERENCES

117 Spencer, D.B., J.W. Temple and D.M. Forsythe, "Large Scale Rotary Shear Shredder Performance Testing," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 619-639.

118 Walter, D.K., "RefCOM A Test-Bed Converting Municipal Solid Waste to Methane," Proceedings of ASME National Waste Processing Conference, Orlando, FL, June 1984, pp. 690-696.

119 Collins, S., "Bubbling-Bed Combustors Achieve True Co-firing of RDF, Wood, Coal: Tacoma City Light Steam Plant No. 2," Power, April 1991, pp. 129-132.

120 Vansant, C., "WTE Equipment: Big Gains in a Short Time," Solid Waste & Power, June 1991, pp. 12-16.

121 Woods, R. "The Modern Landfill: Meeting and Exceeding Expectations," Waste Age, April 1991, pp. 31-34.

122 Sedlock, J.T., "Reusing an Old Quarry," Waste Age, April 1991, pp. 39-41.

123 Taylor, F.X., "PVC Geomembrane Liners and MSW Leachate," Waste Age, April 1991, pp. 51-54.

124 "Putting the Squeeze on Landfills," Waste Age, April 1991, pp. 58-62.

125 Williams, T.O. and E. Epstein, "Are There Markets for Compost?" Waste Age, April 1991, 4 p.

126 O'Leary, P. and P. Walsh, "Lesson 2, the Landfill Course: Landfilling Principles," Waste Age, April 1991, pp. 109-114.

127 Feit, E., "Turning Landfill Gas into Kilowatts," Waste Age, March 1991, p. 130.

128 Bruner, J., "A Hybrid of Composting Technologies," Waste Age, March 1991, pp. 178-190.

129 Gibbs, D.R. and L.A. Kreidler, "From Hamilton to Palm Beach: the Evolution of Dedicated RDF Plants," Processed Fuels & Materials Recovery from MSW Symposium, sponsored by Resource Recovery Report and GBB, Inc. Washington, DC, December 1985.

130 Kiser, J.V.L., "A Comprehensive Report on the Status of Municipal Waste Combustion," Waste Age, November 1990, pp. 101-154.

131 Foster, J.T., "Design and Start-Up of Dry Scrubbing System for Solid Particulate and Acid Gas Control on Municipal Refuse-Fired Incinerator," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial, and Hospital Wastes, Pittsburgh, PA, November 1987.

COMPLETE LIST OF REFERENCES

132 Holmes, B.G., "A Broad Scope Risk Assessment for a Municipal Solid Waste Incinerator," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial, and Hospital Wastes, Pittsburgh, PA, November 1987.

133 Pompelia, D.M., "Recent Experience in Environmental Permitting of Municipal Solid Waste-to-Energy Facilities," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial and Hospital Wastes, Pittsburgh, PA. November 1987.

134 Rousseau, P., "The Tubular Electrostatic Precipitator for Control of Incinerator Flue Gas Emissions," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial and Hospital Wastes, Pittsburgh, PA, November 1987.

135 Shah, J.T., "Application of Wet Tubular ESP to Control Emissions from Waste Incineration," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial and Hospital Wastes, Pittsburgh, PA, November 1987.

136 Beachler, D.S., "APC Equipment Design to Meet Pennsylvania DER Best Available Technology Criteria for Resource Recovery Facilities," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial and Hospital Wastes, Pittsburgh, PA, November 1987.

137 Frame, G.B., "A Comparison of Air Pollution Control Systems for Municipal Solid Waste Incinerators," J. Air Pollution Control Assoc. vol 39, no. 8, August 1988, pp. 1081-1087.

138 Norton, G.A. and A.D. Levine, "Cocombustion of Refuse-Derived Fuel and Coal," Environmental Science & Technology, 1989, pp. 774-783.

139 Zyma, R., "Siting Considerations for Resource Recovery Facilities," Public Works, September 1990, p. 84-.

140 Willumsen, H., "Landfill Gas," Resources, Conservation and Recycling 4, 1990, pp. 121-133.

141 Ball, R., "Glass Recycling by Source Separation from Municipal Wastes," Resources, Conservation and Recycling 4, 1990, pp. 63-75.

142 Kuhlman, L.R., "Windrow Composting of Agricultural and Municipal Wastes," Resources, Conservation and Recycling 4, 1990, pp. 151-160.

143 Kormann, M.E. and R.G. Carter, "Financial Analysis as a Tool in Environmental Decision-Making," 1987 Environmental Conference.

144 Heidenreich, P., J. Kearley and G. Kenny, "Waste Processing: Makes Good Sense," Civil Engineering, July 1988, pp. 60-61.

COMPLETE LIST OF REFERENCES

145 Ewel, D. and F. Shaw, "Risk Allocation in a Changing MRF Industry," BioCycle, April 1990, pp. 64-67.

146 McClanahan, M. and K. Kelley, "The Largest Public MRF in Florida," BioCycle, July 1990, p. 79.

147 Armstrong, D., "The MRF That Went Regional," BioCycle, November 1989, p. 61-.

148 Glenn, J., "1990 BioCycle Survey: Fast Pace for MRF Development," BioCycle, May 1990, p. 26.

149 Glenn, J., "Materials Recovery Facilities Move Ahead," BioCycle, May 1989, p. 66.

150 Glenn, J., "Materials Recovery Facilities," BioCycle, January 1988, p. 24.

151 Golueke, C. and L. Diaz, "Composting Record Diagnosis and Prognosis," BioCycle, July 1990, 4 p.

152 Goldstein, N. and R. Spencer, "Solid Waste Composting Facilities," BioCycle, January 1990, 4 p.

153 Golueke, C. and L. Diaz, "Status of MSW Composting," BioCycle, January 1989, 4 p.

154 Goldstein, N., "A Guide to Solid Waste Composting Systems," BioCycle, January 1989, pp. 38-47.

155 Koser, W.S., "European Composting Study Tour," BioCycle, July 1988, pp. 26-28.

156 Bonhome, M. and C. Clauquin, "Methanization: Economical Alternative for Solid Waste Disposal," Public Works, May 1988, pp. 60-62.

157 Bertolini, G.E., "Household Refuse: Recovery or Disposal? Research for a New Economic Optimum," Conservation & Recycling, vol 10, no. 4, 1987, pp. 321-330.

158 Ahlborg, U.G. and K. Victorin, "Impact on Health of Chlorinated Dioxins and Other Trace Organic Emissions," Waste Management & Research 5, 1987, pp. 203-224.

159 Hasselriis, F., "Optimization of Combustion Conditions to Minimize Dioxin Emissions," Waste Management & Research 5, 1987, pp. 311-326.

160 Star, A.M., "Siting a Landfill: The First Step," World Wastes, December 1989, p. 14.

## COMPLETE LIST OF REFERENCES

161 Steele, C. "Methane Gas is Rising in Power," Consulting-Specifying Engineer, September 1987, pp. 96-100.

163 Compton, L., "Assessing the Costs of EPA's New Regulations for Existing WTE Facilities," Solid Waste & Power, June 1991, p. 18.

164 Egosi, N.G. and E.J. Romeo, "Meeting High Expectations Through MRF Design," Solid Waste & Power, June 1991, p. 48.

165 Georgia Power Company, A Guide to Solid Waste Disposal Options. June 1988.

166 Chilton, J. and K. Chilton, "Municipal Landfill Risks: How Real are They?" Source unknown.

167 Alter, H., Statement of the U.S. Chamber of Commerce on Solid Waste Disposal Act Amendments (H.R. 3735, 3736). January 1990.

168 Alter, H., "Policy Directions for Plastics in Solid Waste Management," paper presented at RECYCLINGPLAS VI'91, Washington, DC, May 1991.

169 Alter, H., "The Origins of Municipal Solid Waste: The Relations Between Residues from Packaging Materials and Food," Waste Management & Research 7, 1989, pp. 103-114.

170 Alter, H., "Energy Conservation and Fuel Production by Processing Solid Wastes," Environmental Conservation, vol 4, no. 1, Spring 1977.

171 Tattam, T., "Credit Topics for Municipal Solid Waste Financing," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 67-71.

172 Chen, P.M., G.D. France and S.A. Sharpe, "Financing Solid Waste Disposal Projects in the 1990s," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 73-84.

173 Wollschlager, M.L. and A.R. Oestmann, "Environmental Issues Common to Multiple Solid Waste Management Methods," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 85-93.

174 Lieberman, C., "The Recycling Challenge to Engineers: Interesting, Provocative, and Precarious," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 95-101.

175 Binder, J.L. and P.J. Calpin, "Recycling - Economic Facts and Performance," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990.

## COMPLETE LIST OF REFERENCES

176 Kotynek, G.R. and C.L. Hartman, "Using State-of-the-Art Electronic Controls for Controlling Boiler/Furnaces in Refuse-to-Energy Plants," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 123-133.

177 Ettehadieh, B. and S.Y. Lee, "Incineration of Low Quality MSW in the Rotary Water-Cooled O'Connor Combustor," Proceedings of ASME National Waste Processing Conference. Long Beach, CA. Jun 1990, pp. 193-201.

178 Moyeda, D.K., G.C. England et al, "Design of Advanced Combustion Systems for Cofiring of Natural Gas with Refuse Derived Fuels and Landfill Gas," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 203-210.

179 Nakayama, J., "Operating Experience and Data on Revolving Type Fluidized Bed Incineration Plans," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 211-220.

180 Hittinger, R.C., "Permitting Through an Adversarial Process," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 249-253.

181 Savage, G.M. and L.F. Diaz, "Processing of Solid Waste for Material Recovery," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 417-426.

182 Stessel, R.I., "Complexity in Solid Waste Processing," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 427-437.

183 Barton, J.R., "Mechanical Sorting Technology for Municipal Solid Waste Reclamation," The Harwell Waste Management Symposium, Waste Management in the U.K. Oxfordshire. Warren Spring Lab Report No. W88025, May 1988.

184 Barton, J.R., "Processing of Urban Waste to Provide Feedstock for Fuel/Energy Recovery," CEC International Conference, Pyrolysis and Gasification. Luxembourg. Warren Spring Lab Report No. W89026, May 1989.

185 Prosser, H.J., "Waste Recycling in the 1990's," Institute of Waste Management Seminar on Managing Wastes in the 1990's, Brentwood, UK. Warren Spring Lab No. W91007, February 1991.

186 Barton, J.R., "UK Market Barriers and Opportunities for Recycling Materials from Domestic Waste," First U.S. Conference on Municipal Solid Waste Management. Washington, DC. Warren Spring Lab Report No. W90039, June 1990.

187 Derry, R., "The Recycling of Post Consumer Plastics in Europe," Plastics Recycling - Future Challenges, Conference, London, UK. Warren Spring Lab Report No. W89040(UK), September 1989.

## COMPLETE LIST OF REFERENCES

188 Prosser, H.J., "The Opportunities and Barriers to Plastics Recycling in the UK." Plastics and Rubber Institute Conference on Plastics Recycling, London, UK. Warren Spring Lab Report No. W91010, March 1991.

189 Bardos, R.P. and J.M. Lopez-Real, "The Composting Process: Susceptible Feedstocks, Temperature, Microbiology, Sanitisation and Decomposition," paper presented at EC Workshop on "Compost Processes in Waste Management," Neresheim, Germany. Sep 1988.

190 Clark, H. and R. New, "Current UK Initiatives in Plastics Recycling," Proceedings: Plastics Recycling '91, European Conference. Copenhagen, Denmark. Society of Plastics Engineers, February 1991.

191 Grignaschi, C., "Plastics Recycling in Italy: Legislation, Industrial Experiences and Future Developments," Proceedings: Plastics Recycling '88, European Conference. Copenhagen, Denmark. Society of Plastics Engineers, May 1988.

192 Wogroly, E.G., Plastics Recycling in Austria, 1985.

193 Abert, J.G., "Municipal Waste Processing in Europe, A Status Report," World Bank Technical Paper No. 37, Washington, DC.

194 Alter, H., "The History of Refuse-Derived Fuels," Resources and Conservation 15, 1987, pp. 251-275.

195 Nollet, A.R., "Designing Shredding Plants That Don't Go Up in Smoke," World Wastes, June 1989, pp. 50-51.

196 Nollet, A.R., "How to Prevent Shredding Plant Explosions," World Wastes, July 1989, pp. 56-60.

197 Denison, R.A., "Health and Environmental Hazards of Municipal Solid Waste Incinerator Ash," Resource Recovery, April 1989, pp. 14-17.

198 Hahn, J.L. and D.B. Sussman, "Municipal Waste Combustion Ash: Testing Methods, Constituents and Potential Uses," Resource Recovery, December 1988, pp. 16-18.

199 Brown, V., "With No Place for Trash, Let's Use It," Resource Recovery, April 1989, pp. 11-13.

200 Combs, S., "Chicago's New Recycling Coordinator Tries Co-Collection," Recycling Times, vol 2, no. 24, 20 Nov 1990.

201 Combs, S., "Plastics Recycling Takes Off With New Facilities, Methods," Recycling Times, vol 2, no. 27, 31 Dec 1990.

202 Combs, S., "MRFs Grew and Diversified with Recycling in 1990," Recycling Times, vol 2, no. 27, 31 Dec 1990.

## COMPLETE LIST OF REFERENCES

203 Grogan, P. and B. Schwartz, "Strategic Shift to Source Reduction," BioCycle, January 1991, pp. 28-30.

204 Golueke, C., L. Diaz and S. Gurkewitz, "Technical Analysis of Multi-Compost Products," BioCycle, June 1989, pp. 55-57.

205 Johnson, M. and W. L. Carlson, "Calculating Volume-Based Garbage Fees," BioCycle, February 1991, pp. 48-50.

206 Spencer, R. and N. Goldstein, "Operational Challenges at MSW Composting Facilities," BioCycle, November 1990, pp. 52-57.

207 Goldstein, N. and R. Spencer, "Solid Waste Composting in the United States," BioCycle, November 1990, 6 p.

208 Patterson, G.E., "How Much Does Recycling Reduce the Waste Stream?" BioCycle, July 1990, pp. 46-49.

209 Ewel, D. and M.L. Miller, "Flow Control and Recycling," BioCycle, August 1989, pp. 62-66.

210 "To Ban or Not to Ban," BioCycle, January 1990, pp. 57-58.

211 Watson, T., "Mixed Solid Waste Plants: Pushing for Respectability," Resource Recycling, Sep/Oct 1988, p. 38.

212 Kashmanian, R.M. and A.C. Taylor, "Yard Waste Composting: A Summary of Eight Programs," Resource Recycling, November 1989, 5 p.

213 Watson, T., "Solid Waste Composting Aims for the Mainstream," Resource Recycling, July 1990, 9 p.

214 Engel, P., "Computer Models for Recycling and Solid Waste Management," Resource Recycling, June 1980, pp. 38-41.

215 "Recycling Bibliography, Part 2," Waste Alternatives/Managing Problem Wastes, published by National Solid Waste Management Association, September 1989.

216 "Recycling Bibliography, Part 1," Waste Alternatives/Waste Reduction and Recycling, published by National Solid Waste Management Association, June 1989.

217 Repa, E.W. and J.V.L. Kiser, "Disposing Ash," Waste Alternatives/Landfill of the 90s, vol. 1, no. 3, published by National Solid Wastes Management Association, December 1988, pp. 74-79.

218 Kapner, M. and S. Schwarz, "A Guide to Air Pollution Control Equipment," Waste Alternatives/Waste-to-Energy, vol. 1, no. 2., published by National Solid Wastes Management Association, September 1988, pp. 38-43.

## COMPLETE LIST OF REFERENCES

219 Clapham, W.B., Jr., "Creating a Recycling Program - Get A Computer's Help," Waste Alternatives/Recycling, published by National Solid Wastes Management Association, June 1988, pp. 51-56.

220 Marino, K.V., "Analyzing the Economics of a Regional Solid Waste Project," Solid Waste & Power, February 1991, pp. 30-35.

221 Seelinger, R., "The Power of Waste-to-Energy," Solid Waste & Power, December 1990, pp. 20-25.

222 Maxwell, G., "Will Gas-to-Energy Work at Your Landfill?" Solid Waste & Power, June 1990, pp. 44-50.

223 McInnes, R.G., "Spray Dryers and Fabric Filters: State of the Art," Solid Waste & Power, April 1990, pp. 24-30.

224 Brown, V. and H. Hefty, "Aiming for High-Spec RDF," Solid Waste & Power, April 1990, pp. 38-44.

225 Hocker, C., "Perspectives on Plant Design and Operation," Solid Waste & Power, December 1989, pp. 10-16.

226 Beaumont, E.L., "How Can Communities Judge the True Cost of Solid Waste Management?" Solid Waste & Power, October 1989, pp. 26-33.

227 Konheim, C.S., "Communicating with the Public About Risks," Solid Waste & Power, June 1989, 8 p.

228 Minott, D.H., "Choosing Between Resource Recovery Facilities and Landfills," Solid Waste & Power, April 1989, pp. 18-24.

229 Hamlette, B.J., "MSW Boilers: A Review of Two System Designs," Solid Waste & Power, April 1989, pp. 50-57.

230 Sandell, M.A. V.J. Petti et al, "Fabric Filters or Electrostatic Precipitators - Which Works Better With a Spray Dryer?" Solid Waste & Power, February 1989, pp. 34-41.

231 Holzman, M.I. and R.S. Atkins, "Retrofitting Acid Gas Controls: A Comparison of Technologies," Solid Waste & Power, October 1988, pp. 28-32.

232 Flanagan, K., "Methane Recovery Does More Than Provide Energy," Solid Waste & Power, Aug 1988, pp. 30-33.

233 Epstein, E. and T. Williams, "Solid Waste Composting Gains New Credence," Solid Waste & Power, June 1988, 6 p.

234 Birks, D.W., "Choosing All of the Above," Solid Waste & Power, June 1988, pp. 32-38.

## COMPLETE LIST OF REFERENCES

235 "Incineration Provides a Variety of Options," Solid Waste & Power, February 1988, pp. 12-19.

236 LaRoe, J., "Tired of Those Roadside Detractions?" Solid Waste & Power, February 1988, pp. 20-25.

237 Jordan, R. and P. Slakey, "The Cost of Treating Waste-to-Energy Flue Gas," Solid Waste & Power, February 1988, pp. 28-33.

238 Pestle, J.W. and S.M. Wyngaarden, "Municipal Choices: Three Ways to Build a Waste-to-Energy Plant," Solid Waste & Power, August 1987, pp. 24-28.

239 Schaper, L.T., "Options for Modern Solid Waste Planning," Solid Waste & Power, August 1990, pp. 20-29.

240 Gibson, S., "Recyclers Find Regional Solid-Waste Solutions," Recycling Today, November 1990, pp. 54-56.

241 Sandoval, D., "Waste-to-Energy: Hot Source for Scrap," Recycling Today, November 1990, pp. 70-74.

242 Peters, G.L., "Policy Questions Looming Large in Cities' Solid-Waste Planning," Recycling Today, December 1989, p. 101.

243 McEntree, K., "Charlotte Waste Planners Pulling Out All the Stops," Recycling Today, September 1989, p. 38.

244 McEntree, K., "Wheels are Turning - Slowly - Toward National Solid-Waste Law," Recycling Today, June 1989, p. 46.

245 McEntree, K., "Cautious Optimism Dominates Paperstock Outlook," Recycling Today, October 1987, p. 37.

246 DelBello, A.B. and R.S. Lynch, "MSW Composting: Glut or Guarantee?" Waste Age, January 1990, 3 p.

247 Shortsleeve, J. and R. Roche, "Analyzing the Integrated Approach," Waste Age, March 1990, pp. 92-94.

248 Gould, R.N., "MRFs, Past and Future," Waste Age, July 1990, pp. 84-86.

249 Susca, P., "Saving by Co-Composting," Waste Age, Sep 1990, 3 p.

250 Sedlock, J.T., "Bottle Bills: Recycling's Boon..or Doom?" Waste Age, October 1990, pp. 58-59.

251 Johanson, E.E., "A Long-Range Planning Model," Waste Age, September 1989, pp. 208-210.

252 "Reconsider Waste-Fuel Preparation," Power, June 1989, pp. 39-40.

COMPLETE LIST OF REFERENCES

253 Bretz, E., "Energy from Wastes," Power, March 1989, pp. W1-W26.

254 Makansi, J., "Don't Let the Dioxin Issue Ax New Refuse-Fired Powerplants," Power, August 1984, pp. 87-89.

255 Reason, J., "Next Step for Waste-to-Energy: Better Availability, Efficiency," Power, July 1986, pp. 17-24.

256 Makansi, J., "Co-combustion: Burning Biomass, Fossil Fuels Together Simplifies Waste Disposal, Cuts Fuel Cost," Power, July 1987, pp. 11-15.

257 Kertesz, T., "Source Separation in Households and Industry in Order to Recycle Materials and Save Energy," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

258 McGrath, S., "Commingled vs Separation Program Design Criteria," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

259 Morris, J., "Source Separation vs Centralized Processing: An Avoided-Cost Optimization Model Provides Some Intriguing Answers," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

260 Londres, E.J., "Landfills: How Safe is Safe?" Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

261 Kuniholm, P.F., "Assessing Opportunities for Solid Waste Composting," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

262 "Cost-Benefit Analysis," Section II - Recycling Economics. The BioCycle Guide to Collecting, Processing and Marketing Recyclables. The JG Press, Inc., Emmaus, PA, 1990.

263 Stevens, B.J., "Assessing Curbside Program Costs," Section II - Recycling Economics. The BioCycle Guide to Collecting, Processing and Marketing Recyclables. The JG Press, Inc., Emmaus, PA, 1990.

264 Grove, C., "Key Factors in the Curbside Program," Section IV - Planning the Program. The BioCycle Guide to Collecting, Processing and Marketing Recyclables, The JG Press, Inc., Emmaus, PA, 1990.

265 Bullock, D. and D. Burk, "Commingled Versus Curbside Sort," Section IV - Planning the Program. The BioCycle Guide to Collecting, Processing and Marketing Recyclables, The JG Press, Inc., Emmaus, PA, 1990.

COMPLETE LIST OF REFERENCES

266 "The Time for MRFs," Special Report: Materials Recovery Facilities. The BioCycle Guide to Collecting, Processing and Marketing Recyclables. The JG Press, Inc., Emmaus, PA, 1990.

267 Mallan, G.E., "History and Description of SEMASS Waste-to-Energy Project," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial and Hospital Wastes. Pittsburgh, PA, November 1987.

268 Platz, G.M., "The Economic Considerations of Incineration," Proceedings of APCA Conference: Thermal Treatment of Municipal, Industrial and Hospital Wastes. Pittsburgh, PA. APCA, Nov 1987.

269 Allan, T., B. Platt and D. Morris, Beyond 25 Percent: Materials Recovery Comes of Age. The Institute for Local Self-Reliance, Washington, DC, 1989.

270 Rush to Burn - Solving America's Garbage Crisis? Newsday Inc., Island Press, Washington DC, 1989.

271 Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

272 Popp, P.O., N.L. Hecht and R.E. Melberth, Decision-Making in Local Government: The Resource Recovery Alternative, Technomic Publishing Co., Lancaster, PA, 1985.

273 Hershkowitz, A. and E. Salerni, Garbage Management in Japan: Leading the Way, INFORM, Inc., New York, NY, 1987.

274 Rogoff, M.J., How to Implement Waste-to-Energy Projects, Noyes Publications, Park Ridge, NJ, 1987.

275 Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

276 Alvarez, R.J., "Current Status of Energy Generation from Thermal Processing of Municipal Solid Waste in the U.S.," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

277 Scott, P.J. and W.R.H. Orchard, "A Review of Mass Burning Incineration in Western Europe," Proceedings: Energy Recovery Through Waste Combustion, Elsevier Science, 1988.

278 Dagnall, S., "A Review of Technology for the Small Scale Combustion of General Industrial and Commercial Waste," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

279 Jackson, D.V., "A Review of Developments in the Production and Combustion of Refuse Derived Fuel," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

COMPLETE LIST OF REFERENCES

280 DeKoning, J. and A. Verbeek, "Combustion of RDF in a Fluidized Bed Combustor," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

281 Landy, M.P., "Options for the Recovery of Energy in Municipal Solid Waste," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

282 Cassitto, L.G., "Appropriate Choice of Large Scale Energy Recovery Systems from Municipal and Industrial Wastes," Proceedings: Energy Recovery Through Waste Combustion, Elsevier Science, 1988.

283 Rushbrook, P.E., "Weighing Up the Options: Computer-Based Strategic Planning and the Choice of Energy-from-Waste Technologies," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

284 Kermode, B.C.D. and C. Wells, "Waste Derived Fuel - The Energy from Waste," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

285 Barker, R.N. and H.W. Weiand, "State of the Art in Waste-to-Energy Technology - The Martin System," Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

286 King, P., "Incineration or Processing?" Proceedings: Energy Recovery Through Waste Combustion. Elsevier Science, 1988.

287 Gotoh, S., "Waste Management and Recycling Trends in Japan," Resources and Conservation, Special Issue: Materials and Energy from Refuse. vol 14, 1987.

288 Alter, H., "Materials and Energy from Refuse: Trends in the United States," Resources and Conservation, Special Issue: Materials and Energy from Refuse, vol 14, 1987.

289 Pilarczyk, E., K.D. Henning and K. Knoblauch, "Natural Gas from Landfill Gases," Resources and Conservation, Special Issue: Materials and Energy from Refuse, vol 14, 1987.

290 deBaere, L., P. van Meenen et al, "Anaerobic Fermentation of Refuse," Resources and Conservation, Special Issue: Materials and Energy from Refuse, vol 14, 1987.

291 U.S. Environmental Protection Agency, Recycling Works! State and Local Solutions to Solid Waste Management Problems. EPA/530-SW-89-014, January 1989.

292 U.S. Environmental Protection Agency, Promoting Source Reduction and Recyclability in the Marketplace. EPA 530-SW-89-066, September 1989.

## COMPLETE LIST OF REFERENCES

294 U.S. Environmental Protection Agency, Bibliography of Municipal Solid Waste Management Alternatives, EPA/530-SW-89-055, August 1989.

295 U.S. Environmental Protection Agency, The Solid Waste Dilemma: An Agenda for Action, EPA/530-SW-89-019, February 1989.

296 U.S. Environmental Protection Agency, Sites for Our Solid Waste, A Guidebook for Effective Public Involvement, EPA/530-SW-90-019, March 1990.

297 U.S. Environmental Protection Agency, Decision-Makers Guide to Solid Waste Management, EPA/530-SW-89-072, November 1989.

298 U.S. Environmental Protection Agency, Municipal Waste Combustion Study Report to Congress, EPA/530-SW-87-021a, June 1987.

299 U.S. Environmental Protection Agency, Municipal Waste Combustion Study, Sampling and Analysis of Municipal Waste Combustors, EPA/530-SW-87-021f, June 1987.

300 Combs, S., "Too Good to be True?" *Recycling Times*, vol 2, no. 13, p. 11.

301 U.S. Environmental Protection Agency, Municipal Waste Combustion Study, Recycling of Solid Waste, EPA/530-SW-87-021i, June 1987.

302 U.S. Environmental Protection Agency, Municipal Waste Combustion Study, Assessment of Health Risks Associated with Municipal Waste Combustion Emissions, EPA/530-SW-87-021g, September 1987.

303 U.S. Environmental Protection Agency, Locating and Estimating Air Toxics Emissions from Municipal Waste Combustors, EPA-450/2-89-006, April 1989.

304 U.S. Environmental Protection Agency, Municipal Waste Combustors - Background Information for Proposed Guidelines for Existing Facilities, EPA-450/3-89-27e, August 1989.

305 Owens, W.L. and W.D. Conn, "Communicating Risks Associated with Existing and New Municipal Solid Waste Facilities," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

306 Buell, D., K. Dietly et al, "Economic Incentives and Trends for Regionalization of Municipal Solid Waste Landfills," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

307 Goddard, H.C., "Integrated Solid Waste Management: Incentives for Reduced Waste Generation, Increased Recycling and Extension of Landfill Life," Proc, First U.S. Conference on Municipal Solid Waste Management, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

## COMPLETE LIST OF REFERENCES

308 Artz, N.S., "Integrated Solid Waste Planning for a Regional Area," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

309 Lifset, R.J. and M.R. Chertow, "International Experiences with Economic Incentives for Solid Waste Management," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

310 Rogers, J. and J. Campbell, "Public Participation in Facility Siting: A Decision Technique," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

311 DelBello, A.B., "Solid Waste Management Planning: Lessons for the 90's," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

312 Golob, B.R. and C. Davis, "Solid Waste Wars: Siting A MSW Composting Facility," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

313 Morris, J., "Source Separation vs Centralized Processing." Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

314 Diaz, L.F. and C.G. Golueke, "Composting of MSW in the USA," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

315 Davila, A., "Composting Plants in Mexico," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

316 Savage, G.M., "Design of Materials Recovery Facilities (MRFs)," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

317 Kessler, M., "The Developing Road of Material Recovery Facilities in Municipal Solid Waste Management," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

## COMPLETE LIST OF REFERENCES

318 Boucher, H.R., "Municipal Solid Waste Composting in West Germany: Three Case Studies," Proc, First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

319 Gale, D.H., "The Use of Incentives in Solid Waste Planning: Seattle as a Case Study," Proc, First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

320 Greenberg, F.L., "Sales of Electric Power Using Municipal Solid Waste," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

321 Goodwin, R.W., "Utilization Applications of Resource Recovery Residue," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

322 Coleman, C. and C.W. Scherer, "Communication, Community Participation and Waste Management," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, sponsored by U.S. EPA Office of Solid Waste, June 1990.

323 Pohland, F.G., "Controlled Landfills: A Systematic Approach to Solid Waste Disposal," Proc.,First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

324 Gibson, W.D., "The Nature of Compost," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

325 Marks, A. and M. Gold, "Rhode Island Tackles Curbside Recycling," Waste Alternatives/Recycling, published by National Solid Wastes Management Association, June 1988, pp. 34-38.

326 Dorn, E., "The Mecklenburg County Experience," Waste Alternatives/The Disposal Crisis, published by the National Solid Wastes Management Association, March 1989, pp. 8-14.

327 Snow, D., "Trends in Collecting Recyclables," Waste Alternatives/Waste Reduction and Recycling, published by the National Solid Wastes Management Association, June 1989, pp. 58-65.

328 Russell, S.H., "Pre-Processing, Not RDF," Waste Age, August 1989, pp. 165-170.

329 Page, A.C., "Financing a Material Recovery Facility," BioCycle, August 1989, pp. 54-57.

COMPLETE LIST OF REFERENCES

330 McEntree, K., "Charlotte Waste Planners Pulling Out All the Stops," Recycling Today, September 1989, p. 38.

331 Corum, L., "Alternative Technologies," HazMat World, November 1988, pp. 56-61.

332 Marcellino, M., "MRF Automation Making Strides into High-Tech," Recycling Today, July 1989, p. 38.

333 Goldstein, G., "Rechanneling the Waste Stream," Mechanical Engineering, August 1989, pp. 44-50.

334 "Single-Container System Advantages," Waste Age, April 1989, pp. 129-132.

335 Naber, T., "Recycling The High Tech Way," Waste Alternatives/Waste Reduction and Recycling, published by the National Solid Wastes Management Association, June 1989, pp. 26-30.

336 Bernheisel, J.F., "An Introduction to Materials and Markets," Waste Age, April 1988, pp. 109-118.

337 Walsh, P. and P. O'Leary, "How to Plan a Community Recycling Program," Waste Age, April 1988, pp. 166-170.

338 Goodrich, T., "Refuse Disposal Alternatives," Waste Age, April 1988, pp. 187-192.

339 Guttentag, R. and H.G. Arnold, "What is a MRF?" Waste Alternatives/Waste Reduction and Recycling, published by the National Solid Wastes Management Association, June 1989, pp. 37-46.

340 O'Brien, J.K., "Insights into Curbside Recycling," Resource Recovery, date unknown.

341 R.W. Beck and Associates, Independent Review of the Bi-County Recycling Project, prepared for Delaware Solid Waste Authority, January 1991.

342 U.S. Department of Energy, Resource Recovery Research Development and Demonstration Plan. DOE/CS/20178-01, Oct 1979.

343 U.S. Department of Energy, Resource Recovery Research Development and Demonstration Plan, DOE/CS/20178-01, October 1979.

344 Hall, R.M., Jr., T. Watson et al, RCRA Hazardous Wastes Handbook, 6th Edition, Government Institutes, Inc., Rockville, MD, October 1985.

345 "Easy on the Peanut Butter," Waste Age, November 1989, pp. 36-37.

346 Hasselriis, F., Refuse-Derived Fuel Processing, Ann Arbor Science, Butterworth Pubs, Stoneham, MA. 1984.

COMPLETE LIST OF REFERENCES

347 Alter, H., Materials Recovery from Municipal Waste, Marcel Dekker, New York, NY, 1983.

348 Gershman, Brickner & Bratton, Inc., Small-Scale Municipal Solid Waste Energy Recovery Systems, Van Nostrand Reinhold, 1986.

349 Tchobanoglous, G., H. Theisen and R. Eliassen, Solid Wastes, Engineering Principles and Management Issues. McGraw-Hill, Inc., 1977.

350 U.S. Environmental Protection Agency, Information Resources Directory, Fall 1989, OCPA 19M-4001, October 1989.

351 Bendersky, D., D.R. Keyes et al, Resource Recovery Processing Equipment, Pollution Technology Review No. 93, Noyes Data Corp., Park Ridge, NJ, 1982.

352 HDR Engineering, Inc., Detailed Technology Assessment Report for Monmouth County Waste Recovery System, June 1988.

353 wTe Corporation, Recycling Demonstration Program: Waste Characterization Study, Market Survey, Economic Model. Hamilton, OH, May 1989.

354 U.S. Environmental Protection Agency, Municipal Waste Combustion Study: Emission Data Base for Municipal Waste Combustors. EPA/530-SW-87-021b, June 1987.

355 New York State Energy Research and Development Authority, Results of the Combustion and Emission Research Project at the Vicon Incinerator Facility, Pittsfield, Massachusetts, Report 87-16, June 1987.

356 wTe Corporation, Material Recovery Facility Design Basis for the Southwest Michigan Resource Recovery Project, April 1989.

357 State of New Jersey, Department of Environmental Protection, Emergency Solid Waste Assessment Task Force, August 1990.

358 Kosson, D.S., H. van der Sloot et al, "A Comparison of Solidification/Stabilization Processes for Treatment of Municipal Waste Combustor Residues, Part II - Leaching Properties," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

359 Holmes, T., D. Kosson and C. Wiles, "A Comparison of Five Solidification/Stabilization Processes for Treatment of Municipal Waste Combustion Residues, Part I - Physical Testing," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

360 Andrews, J.C., Jr., "Incinerator Ash Disposal in the Tampa Bay Region," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

## COMPLETE LIST OF REFERENCES

361 Goodwin, R.W., "Engineering Evaluation of Resource Recovery Residue Utilization Modes," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

362 Dhargalkar, P.H., "A Unique Approach to Municipal Waste Management in Chianti, Italy," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

363 Scott, D.W., "Municipal Solid Waste Incineration in the United Kingdom," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

364 Zeiss, C., "Municipal Solid Waste Incinerator Impacts on Residential Property Values and Sales in Host Communities," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

365 Gutsjall, R.D., "Waste-to-Energy Process/Products," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

366 Clearwater, S.W. and M.J. Marchaterre, "Environmental Regulation of Municipal Waste Combustion," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

367 Donnelly, J.R., "Overview of Air Pollution Controls for Municipal Waste Combustors," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

368 Roffman, H.K., "Major Findings of the U.S. EPA/CORRE MWC-Ash Study," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

369 Chandler, A.J. et al, "An International Perspective on Ash from Municipal Waste Incinerators," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

370 Brna, T.G., "Toxic Metal Emissions from MWCs and Their Control," Municipal Waste Combustion Conference sponsored by U.S. EPA and AWMA, Tampa, FL, April 1991.

371 -----, "Detroit WTE Ordered to Add Scrubbers?" Waste Age, February 1991, p. 24.

372 Congress of the United States Office of Technology Assessment, "Facing America's Trash: What Next for Municipal Solid Waste?" Reprinted in Integrated Solid Waste Management: Options for Legislative Action. F. Kreith, ed., Genium Publishing Corp, Schenectady, NY, 1990.

COMPLETE LIST OF REFERENCES

373 Levin, A., D.B. Fratt et al, "Comparative Analysis of Health Risk Assessments for Municipal Waste Combustors," J. Air & Waste Management Association, January 1991, pp. 20-31.

374 Maurer, E., "Dealing with Resistance to Environmentally Sensitive Projects," Environmental Decisions, February 1991, pp. 11-14.

375 Kusterer, T., "Landfill Siting in a High-Growth Metropolitan County," Environmental Decisions, February 1991, p. 4.

376 Solid Waste & Power Magazine et al, Resource Recovery Activities Report, December 1990.

377 Henry, C.L., "Technical Information on the Use of Organic Materials as Soil Amendments - A Literature Review," The University of Washington College of Forest Resources, October 1990.

379 Offen, G.R. and R.F. Altman, "Issues and Trends in Electrostatic Precipitation Technology for U.S. Utilities," J. Air Waste Management Association, February 1991, pp. 222-227.

380 Seigneur, C., "A Critical Review of Mathematical Models of Air Toxic Emissions from Landfills," Air & Waste Management Assoc. 82nd Annual Meeting, Anaheim, CA, June 1989.

381 Johnston, M.G. and W.H. Stevenson, "Overview of Proposed Air Emission Standards and Guidelines for Municipal Waste Combustors," J. Air & Waste Management Association, June 1990, pp. 932-935.

382 "EPA Proposes National Strategy for Solid Waste Management," J. Air Pollution Control Association, November 1988, p. 1362-.

383 Beckman, A.H. and M. Dragovich, "Mass Burning of MSW with Energy Recovery," J. Environmental Engineering, Vol 112, no. 3, June 1986, pp. 564-571.

384 Cadwallader, M., "Landfill Liner Systems Keep Waste from Water," American City & County, May 1988, p. 46.

385 City of Newark Office of Recycling, Waste Utilization Study, Newark, NJ. October 1986.

386 Berenyi, E. and R. Gould, 1990-91 Materials Recovery and Recycling Yearbook, Directory & Guide. Governmental Advisory Associates, Inc., New York, NY, 1990.

387 Berenyi, E. and R. Gould, 1991 Resource Recovery Yearbook, Directory & Guide, Governmental Advisory Associates, Inc., New York, NY, 1991.

388 Razvi, A.S., P.R. O'Leary and P. Walsh, "Composting Municipal Solid Wastes," Waste Age, August 1988, pp. 103-110.

## COMPLETE LIST OF REFERENCES

389 Berenyi, E., "Landfill Gas Has a Future!" *Waste Age*, Aug 1989, pp. 173-176. August 1989, pp. 173-176.

390 Grogan, P., "A 'Multiplexed' Future for MRFs," *Waste Age*, December 1989, pp. 54-56.

391 Meade, K., "Age of the Mega-Fill," *Waste Age*, December 1989, pp. 43-44.

392 Kiser, J.V.L., "Around the World in Waste," *Waste Age*, October 1989, pp. 90-96.

393 Stevens, B.J., "How to Figure Curbside's Cost," *Waste Age*, February 1989, 4 p.

394 Harler, C., "High Tech Composting," *Recycling Today*, May 1991, pp. 48-51.

395 Couppis, E.C., "Will Smaller Plants Get Scrubbers?" *Waste Age*, March 1988, pp. 119-126.

396 Clarke, M., "Emissions Control: A Never-Ending Quest," *Waste Age*, January 1988, pp. 83-94.

397 Glebs, R.T., "Landfill Costs Continue to Rise," *Waste Age*, March 1988, p. 84.

398 Kiser, J.V.L., "More On Continuous Emissions Monitoring," *Waste Age*, June 1988, p. 119.

399 O'Leary, P. and P. Walsh, "Developing a Recycling Processing Center," *Waste Age*, July 1988, p. 100.

400 McIlvaine, R.W., M. McIlvaine and M. Carpenter, "Emissions Control Options in Waste-to-Energy Plants," *Waste Age*, January 1987, p. 69.

401 "A Look at Small-Scale System Vendors," *Waste Age*, November 1988, p. 69-.

402 Barrett, R.E. et al, Municipal Waste-to-Energy Technology Status, Battelle Memorial Institute Report, August 1989.

403 McCarthy, R.N., "Financing Recycling Facilities," *Waste Age*, March 1991, 4 p.

404 Ballesteros, T.P. and M.D. Kelley, "Where Can New Landfills Be Sited?" *Waste Age*, October 1990, p. 145-.

405 Walter, D.K., "The U.S. Department of Energy Biofuels Research Program," Energy from Biomass and Wastes XIII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 47-62.

## COMPLETE LIST OF REFERENCES

406 Norton, G.A. and A.D. Levine, "Effect of Co-Combusting Refuse-Derived Fuel and Coal on Emissions of SO<sub>x</sub>, NO<sub>x</sub>, and Ash from Coal-Fired Boilers," *Energy from Biomass and Wastes XIII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 513-527.

407 Davis, R. A. and M. Koep, "Commercial Operation of a 400-Ton/Day RDF-Pelletizing Plant with Recycling," *Energy from Biomass and Wastes XIII*, ed., D.L. Klass, Institute of Gas Technology. Elsevier, 1990, pp. 581-705.

408 Copeland, B.J., "Fluidized Bed Combustion of Solid Wastes and Wastewater Treatment Sludge for Disposal and Energy Recovery," *Energy from Biomass and Wastes XIII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 661-689.

409 Zack, M. and D.H. Minott, "New Federal Controls on Landfill Gas Emissions and Economics of Landfill Gas Recovery." *Energy from Biomass and Wastes XIII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 1119-1144.

410 Baubau, P.L., M. Heguy and J. Gitton, "Biogas from Municipal Landfills," *Energy from Biomass and Wastes XIII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 1209-1250.

411 Wolfe, B. and G. Maxwell, "Commercial Landfill Gas Recovery Operations. Technology and Economics," *Energy from Biomass and Wastes XIII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 1251-1262.

412 Walter, D.K., "Biofuels and Municipal Waste Research Program of the U.S. Department of Energy," *Energy from Biomass and Wastes XII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 1-14.

413 Mathusa, P.D., "New York State Energy Research and Development Authority's RD&D Program in Biomass and Municipal Wastes," *Energy from Biomass and Wastes XII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 15-32.

414 Rowley, D.A., "Energy from Biomass and Waste: Legal Issues, Financing Strategies, and Business Opportunities," *Energy from Biomass and Wastes XII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 97-115.

415 Zimmerman, R.E. and R. Isaacson, "Toxic and Non-Toxic Components in MSW Landfill Gases," *Energy from Biomass and Wastes XII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 503-516.

416 McGowin, C.R., "Impact of RDF Cofiring on Power Plant Operation and Economics," *Energy from Biomass and Wastes XII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 567-590.

COMPLETE LIST OF REFERENCES

417 Gilliusson, R.C., "Small-Scale Systems for Flexible Co-Generation of Heat, Cooling and Electricity," *Energy from Biomass and Wastes XII*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 603-620.

418 Walter, D.K., "Biofuels and Municipal Waste Technology, A National Perspective," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1988, pp. 1-16.

419 Eley, M.H. and C.C. Holloway, "Municipal Solid Waste Processing by Steam Classification (Holloway Process)," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 185-202.

420 Craciun, D.V., "Processing Municipal Solid Waste with Westinghouse/O'Connor Technology for Disposal and Energy Recovery," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 203-215.

421 Kobro, H., "Circulating Fluidized Bed as a Biofuel Combustor," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 237-245.

422 Onischak, M. et al, "Gasification of RDF in a Pressurized Fluidized Bed," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 531-548.

423 Evans, R.J. and T.A. Milne, "Liquid Fuels from the Pyrolysis of Municipal and Its Components," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 807-838.

424 Hovsenius, G. and R. Johansson, "Comparative Economic Analysis of Composting, Biological Gasification and Mass Burning of MSW," *Energy from Biomass and Wastes XI*, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1989, pp. 1209-1251.

425 Goodman, B.J., "Overview of the Anaerobic Digestion Research Program," FY 1987 Anaerobic Digestion Annual Report, Solar Energy Research Institute/U.S. DOE, SERI/SP-231-3331, Golden, CO, July 1988, pp. 3-10.

426 Rivard, C.J., M.E. Himmel et al, "Anaerobic High Solids Fermentation of Processed Municipal Solid Wastes for Production of Methane," FY 1987 Anaerobic Digestion Annual Report, Solar Energy Research Institute/U.S. DOE, SERI/SP-231-3331, Golden, CO, July 1988, pp. 140-158.

427 Antonopoulos, A.A. and E.G. Wene, "Bioconversion of MSW and Recovery of Organic Acids," FY 1987 Anaerobic Digestion Annual Report, Solar Energy Research Institute/U.S. DOE, SERI/SP-231-3331, Golden, CO, July 1988, pp. 159-168.

## COMPLETE LIST OF REFERENCES

428 Rivard, C.J. et al, "Microaerophilic Digestion of Processed Municipal Solid Waste for the Production of Organic Acids," FY 1987 Anaerobic Digestion Annual Report, Solar Energy Research Institute/U.S. DOE, SERI/SP-231-3331, Golden, CO, July 1988, pp. 169-179.

429 Walter, D.K., "Anaerobic Digestion of Municipal Solid Waste to Produce Methane," Energy from Biomass and Wastes VII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1983, pp. 705-718.

430 Walter, D.K., "Addendum 1, Operational Data, Nov '81-Feb '82 and Oct '82-Jan '83." Energy from Biomass and Wastes VII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1983, pp. 719-739.

431 Buekens, A.G., "Refuse Incineration in Europe," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 1-15.

432 Palombella, R.P. and J.W. Kennedy, "Comprehensive Waste Management Strategies Incorporating Incineration," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 2A-15/2A-33.

433 Belcher, G.D. and C.C. Travis, "The Food Chain as a Source of Human Exposure from Municipal Waste Combustion," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 2C-1/2C-17.

434 Hattemer-Frey, H.A. and C.C. Travis, "A Perspective on Human Exposure to PCDDs and PCDFs Emitted from Municipal Waste Combustors," Proceedings: International Conference on Municipal Waste Combustors, Hollywood, FL, Minister of Supply and Services, Canada. April 1989.

435 Minott, D.H., "Fluid-Bed Energy Recovery Facilities: Operating Principles and Environmental Performance," Proceedings: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 5A-1/5A-25.

436 Hasselriis, F., "Relationships Between Variability of Emissions and Residues From Combustion of MSW and Waste Composition and Combustion Parameters," Proc: International Conf on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 5A-44/5A-64.

437 Kilgroe, J.D. and A. Finkelstein, "Combustion Characterisation of RDF Incinerator Technology: Joint Environment Canada-U.S.EPA Project," Proc: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 5A-65/5A-81.

438 McGee, K.D., "The NIMBY Syndrome in Municipal Waste Management," Proc: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 8B-1/8B-19.

COMPLETE LIST OF REFERENCES

439 Binder, J.J. and D.H. Minott, "Siting a Resource Recovery Facility: Community Decision-Making, Risk Education, and Multi-Faceted Compensation," Proc: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 8B-21/8B-47.

440 Willms, J.R., "Negotiation in Municipal Solid Waste Siting - It Can Work," Proceedings: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 8B-47/8B-55.

441 Murdoch, J.D., "Material Recovery with Incineration, Monmouth County, New Jersey," Proc: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 9A-1/9A-15.

442 Feindler, K.S., "Refuse Rail Haul: Missing Link to Resource Recovery in Montgomery County," Proc: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 9A-17/9A-38.

443 Lantos-Swett, R.N. and Y.K. Lantos-Swett, "Overcoming Public Concerns Surrounding MSW Incinerator Facilities by Working Hard on the "Soft" Political Issues," Proc: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 9B-21/9B-29.

444 Beaumont, E.L. and J.A. Marymee, "Technological Outlook for the '90's: The Super Tech Challenge," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 12-9/12-18.

445 Konheim, C.S. and S.N. Koshler, "Challenge of the 90's -- Municipal Waste Combustion: The Public-Social Perspective," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, Minister of Supply and Services, Canada. April 1989, pp. 12-1/12-8.

446 Stanczyk, T.F., "Source Segregation Strategies Effecting the Chemical Properties of Solid Waste Utilized as Commercial Fuel Supplements," Proceedings: International Conference on Municipal Waste Combustion, Hollywood, FL, April 1989, pp. 10A-1/10A-18.

447 Weaver, E.H., B. Bahor and J. Finney, Jr., "Air Pollution Control Strategies for Refuse to Energy Projects," Proceedings: APCA 80th Annual Meeting, New York, NY, June 1987.

448 Konheim, C.S. and N.M. Reiss, "Public Participation in Siting Resource Recovery Facilities; Lesson Learned," Proceedings: APCA 80th Annual Meeting, New York, NY, June 1987.

## COMPLETE LIST OF REFERENCES

450 Chynoweth, D.P. and R. Legrand, "Anaerobic Digestion of Municipal Solid Waste and Sludge," Proc: 23rd Intersociety Energy Conversion Engineering Conference, Vol 4. D. Yogi Goswami, ed. ASME, New York, NY, Jul/Aug 1988, pp. 407-413.

451 Daugherty, K., O.O. Ohlsson and B. Venables, "Emission Studies of Full-Scale Cofiring of Pelletized RDF/Coal at Argonne National Laboratory," Proc: 23rd Intersociety Energy Conversion Engineering Conference, Vol 4. D. Yogi Goswami, ed. ASME, New York, NY, Jul/Aug 1988, pp. 415-419.

452 Diaz, L.F. and C.G. Golueke, "Integrated Solid Waste Management," Proc: 23rd Intersociety Energy Conversion Engineering Conference, Vol 4. D. Yogi Goswami, ed. ASME, New York, NY, Jul/Aug 1988, pp. 421-425.

453 Helt, J.E. and N. Mallya, "Pyrolysis Experiments with Municipal Solid Waste Components," Proc: 23rd Intersociety Energy Conversion Engineering Conference, Vol 4, D. Yogi Goswami, ed. ASME, New York, NY, Jul/Aug 1988, pp. 427-432.

454 Connor, D.M. and A.C. Svendsen, "Overcoming the Barriers to Public Acceptance of Waste Management Facilities," Proc: 8th Canadian Waste Management Conference, Halifax, Nova Scotia, Environment Canada. September 1986, pp. 1-11.

455 Rinker, T.L., "Successfully Siting Hazardous Waste Management Facilities," Proc: 8th Canadian Waste Management Conference, Halifax, Nova Scotia, Environment Canada. September 1986, pp. 13-27.

456 O'Toole, K.P., "Generation of Electricity from Landfill Gas at Omega Hills and Metro Landfills, Milwaukee, WI," Proc: 8th Canadian Waste Management Conference, Halifax, Nova Scotia, Environment Canada. September 1986, pp. 243-249.

457 Parson, P.J. and A.J. Smith, "The Environmental Impact of Landfill Gas," Proc: Energy From Landfill Gas. Conference jointly sponsored by UK DEN and US DOE. W.Midlands, UK. October 1986, pp. 17-21.

458 Carolan, M.J., "Landfill Gas Recovery," Proc: Energy from Landfill Gas. Conference jointly sponsored by UK DOE and US DOE. W.Midlands, UK. October 1986, pp. 32-39.

459 Tankard, J.D., "The Hazards Associated with Landfill Gas Production," Proc: Energy from Landfill Gas. Conference jointly sponsored by UK DOE and US DOE. W.Midlands, UK. October 1986, pp. 60-69.

460 Hall, R.A.B., "Landfill Gas Production and Control -- The Role of Landfill Design and Management," Proc: Energy from Landfill Gas. Conference jointly sponsored by UK DOE and US DOE. W.Midlands, UK. October 1986, pp. 81-86.

COMPLETE LIST OF REFERENCES

461 Franzius, V., "Utilization of Landfill Gas in the Federal Republic of Germany," Proc: Energy from Landfill Gas. Conference jointly sponsored by UK DOE and US DOE. W.Midlands, UK. October 1986, pp. 448-457.

462 Toth, L., T. Cortopassi and T. Williams, "State-of-the-Art in Landfill Gas Power Conversion," Proc: Energy from Landfill Gas. Conference jointly sponsored by UK DOE and US DOE. W.Midlands, UK. October 1986, pp. 458-469.

463 Cal Recovery Systems, Inc. Composting Technologies, Costs, Programs, and Markets. Prepared for Office of Technology Assessment, Washington, DC, PB91-119511, January 1989.

464 Diebold, J., R. Evans and J. Scahill, "Fast Pyrolysis of RDF to Produce Fuel Oils, Char, and a Metal-Rich By-Product," Energy from Biomass and Wastes XIII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990.

465 Texas A & M Univ., Role of Landfill Disposal in Municipal Solid Waste Management. Prepared for U.S. EPA, June 1989.

466 U.S. Environmental Protection Agency, Pyrolysis of Municipal and Industrial Waste, EPA/600/D-87/013, January 1987.

467 Energy and Environmental Research Corp., Municipal Waste Combustion Assessment: Waste Co-Firing. Prepared for U.S. EPA, EPA-600/8-89-060, July 1989.

468 K-Konsult, RDF and Material Recovery from Refuse, Report. STU-Projekt NR 81-3702. K-Konsult, Stockholm, Sweden. 1983.

469 UK Department of Energy, The Department of Energy's Renewable Energy R&D Programmes Progress Report 1988/89. DE90-519536, February 1990.

470 AENCO, Inc., Evaluation of Rotary Drum Air-Classification of Shredded and Unshredded Municipal Solid Waste. Report prepared for New York State Energy Research and Development Authority, NYSERDA Rpt 87-4, January 1987.

471 Rood, M.J., Technological and Economic Evaluation of Municipal Solid Waste Incineration, Commissioned by OTT, U. of Illinois Center for Solid Waste Management and Research, Chicago, IL, September 1988.

472 Hegberg, B.A., W.H. Hallenbeck and G.R. Brenniman, Municipal Solid Waste Incineration with Energy Recovery, OTT, U. of Illinois Center for Solid Waste Management and Research, Chicago, IL, March 1990.

473 White, A.L. and M.H. Zack, "Economics of Avoided-Cost Pricing for Waste-to-Energy Plants," Energy from Biomass and Wastes X. D.L. Klass, ed, Institute of Gas Technology, Chicago, IL, 1987.

## COMPLETE LIST OF REFERENCES

474 Hoguet, R.L., "Financing a Waste to Energy Project: Key Contract and Tax Issues," Energy from Biomass and Waste X. D.L. Klass, ed, Institute of Gas Technology, Chicago, IL, 1987.

475 Herrmann, R.H., "Combustion of RDF - Coal in a Utility Boiler: A Case History," Energy from Biomass and Wastes X, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1987.

476 Antonopoulos, A.A. and E.G. Wene, "Bioconversion of MSW and Recovery of Organic Acids," Anaerobic Digestion Program Annual Review Meeting, Solar Energy Research Institute, Golden, CO, December 1987.

477 Ohlsson, O.O., "Refuse Derived Fuels: New Technologies for Successful Operations," Workshop - Energy from Municipal Waste: Resource Recovery for Small Communities, Panama City, FL, Argonne National Laboratory, February 1988.

478 Bogner, J.E., The U.S. Landfill Gas Resource: Low-Cost Biogas from Municipal Solid Waste, Argonne National Laboratory ANL/CNSV-TM-206, January 1988.

479 Dvirkas, M. and W.M. Harrington, Jr., "Update on Baltimore Pyrolysis Demonstration," Proceedings of ASME National Waste Processing Conference, Washington, DC, May 1980.

480 Feindler, K.S., "Baltimore Resource Recovery: Proven Mass Burning Technology Replaces Failed Pyrolysis Technology," Proceedings of International Solid Wastes (ISWA) and Public Cleansing Association Congress, Philadelphia, PA, September 1984.

482 U.S. Environmental Protection Agency, Air Pollution Emission Standards and Guidelines for Municipal Waste Combustors: Revision and Update of Economic Impact Analysis and Regulatory Impact Analysis, EPA-450/3-91-003, November 1990.

483 Franklin Associates, Characterization of Municipal Solid Waste in the United States: 1990 Update, U.S. Environmental Protection Agency EPA/530-SW-90-042, June 1990.

484 Richards, D. et al, Waste-to-Energy Commercial Facilities Profiles: Technical, Operational and Economic Perspectives, Noyes Data Corp., 1990.

485 Kaysen, O., "Public Attitudes to Recycling," ISWA 88 Proceedings of the 5th International Solid Wastes Conference, Copenhagen, Denmark, Academic Press, 1988.

485 Kaysen, O., "Public Attitudes to Recycling," ISWA 88 Proceedings of the 5th International Solid Wastes Conference, International Solid Wastes and Public Cleaning Assoc. Copenhagen, Denmark. Academic Press, San Diego, CA, 1988.

COMPLETE LIST OF REFERENCES

487 deLauzanne, R., "Quality and Marketing of MSW Composts," ISWA 88 Proceedings of the 5th International Solid Wastes Conference. Copenhagen, Denmark, Academic Press, 1988.

488 Malmros, P. and C. Petersen, "The Working Conditions at Danish Sorting Plants," ISWA 88 Proceedings of the 5th International Solid Wastes Conference. Copenhagen, Denmark, Academic Press, 1988.

489 Mettelet, C., "The Recycling Center: An Original Solution to Bulky Wastes," ISWA 88 Proceedings of the 5th International Solid Wastes Conference. Copenhagen, Denmark, Academic Press, 1988.

490 Tanaka, M., "Recycling and Other Alternatives for Waste Volume Reduction," ISWA 88 Proceedings of the 5th International Solid Wastes Conference. Copenhagen, Denmark, Academic Press, 1988.

491 Shaub, W.M., "Incineration -- Some Things I Would Like to Know About and Why," Emissions from Combustion Processes: Origin, Measurement Control. R. Clement, R. Kagel, eds. Lewis Publishers, Inc., 1990.

492 Shaub, W.M., "Incineration - Some Environmental Perspectives," Emissions from Combustion Processes: Origin, Measurement, Control. R. Clement, R. Kagel, eds., Lewis Publishers, Inc., 1990.

493 Wagel, D.J. et al, "Concentrations of PCDD/PCDF in Ambient Air in the Vicinity of Municipal Refuse Incinerators," Emissions from Combustion Processes: Origin, Measurement, Control. R. Clement, R. Kagel, eds. Lewis Publishers, Inc., 1990.

494 National Technical Information Service, Solid Waste Disposal Economics (Mar 86-Feb 90), Citations from the NTIS Bibliographic Database, March 1990.

495 National Technical Information Service, Solid Waste Pyrolysis Processes and Plants (Jan 76 - Nov 87). Citations from the Energy Data Base, PB88-852215, November 1987.

496 National Institute for Occupational Safety and Health, Health Hazard Evaluation Report: Columbus Refuse Derived Fuel Power Plant, Columbus, Ohio, HETA-85-041-1709. July 1986.

497 U.S. Environmental Protection Agency, An Analysis of U.S. Municipal Waste Combustion Operating Practices. U.S. EPA Office of Solid Waste, EPA/530-SW-89-061, May 1989.

498 Gershman, H.W., "Waste Processing Alternatives: A Review of Current Technologies," Environmental Decisions, April 1990, pp. 6-15.

499 Bernheisel, J.F., "Recycling Technologies and Systems in the United States," Presented at the American-Swedish Technical Exchange, Solid Waste Management, sponsored by GRCDA, Sweden, May 1990.

## COMPLETE LIST OF REFERENCES

500 National Technical Information Service, Solid Waste Reclamation and Recycling: Plastics (Feb '71 - Mar '90), Citations from the NTIS Bibliographic Database, PB90-869449, May 1990.

501 SYSTECH Corp., RDF Co-Firing Cost/Benefit Analysis Using the NCEL RDF Cost Model, Vol III - RDF Cost Model Manual, sponsored by Naval Facilities Engineering Command, August 1986.

502 SYSTECH Corp., Final Report: RDF Co-Firing Cost/Benefit Analysis Using the NCEL RDF Cost Model, Vol I - Project Results, sponsored by Naval Facilities Engineering Command, August 1986.

503 Warren Spring Laboratory, Combustion of Refuse Derived Fuel on a Fixed Grate Stoker Shell Boiler at W and T Avery Ltd., Report to United Kingdom Atomic Energy Authority, 1987.

504 Swedish Assoc of Public Cleansing and Solid Waste Management, Operational Studies of Solid Waste Treatment (1982-1985), Final Report. Swedish Environment Protection Board SNV-3033, 1986.

505 JRB Associates, Inc., Guide to Energy from Municipal Waste for Small Communities, prepared for U.S. EPA, SW-958, 1982.

506 National Technical Information Service, Fluidized Bed Combustion: Non-Coal Materials (Jan 76 - May 89), Citations from the Energy Database, PB89-862858, June 1989.

507 Eldredge Engineering Associates, Inc., Municipal Solid Waste Landfills, Vol. 1, General Issues. Nov 1989.

508 U.S. Environmental Protection Agency, EPA's Risk Assessment Methodology for Municipal Incinerator Emissions: Key Findings and Conclusions, SAB-EETFC-87-027, Apr 1987.

509 DePoli, F., M. Gamboni and S. Pasqualini, "Economic Aspects of Biogas from Landfill," ISWA International Symposium: Process, Technology and Environmental Impact of Sanitary Landfill, Rome, Italy, 1987.

510 Argonne National Laboratory, Municipal Waste to Energy: An Annotated Bibliography of U.S. Department of Energy Contractor Reports, Sep 1984.

511 Energy Systems Research Group, Inc., Managing Municipal Solid Waste: A Comparative Risk Analysis of Landfill and Resource Recovery Facilities, Final Report, DE89-007193, Nov 1988.

512 National Technical Information Service, Composting of Municipal and Sewage Wastes (Jan 70 - May 90), Citations from the COMPENDEX Database, PB90-872086, Jun 1990.

513 DeVoto, E. et al, "Exposures to Mercury: The Importance of Waste-to-Energy Facilities," Cambridge Environmental Inc., 1990.

COMPLETE LIST OF REFERENCES

514 Takacs, L. and G.L. Moilanen, "Simultaneous Control of PCDD/PCDF, HCl and NOx Emissions from MSW Incinerators with Ammonia Injection," J. Air & Waste Management Association, May 1991, pp. 716-722.

515 Suzuki, S. and H. Yakowitz, "Gasification of Refuse Derived Fuel in a Paired Fluidized Bed Pyrolysis Unit," Stardust '80, Report NBS SP 664, September 1983.

516 Energy and Environmental Research Corp, Fluidized Bed Combustor Technology Assessment, prepared for U.S. EPA Office of Air Quality Planning and Standards, September 1988.

517 Minott, D.H., "Efficient Combustion with Fluid-Bed Furnaces," Solid Waste & Power, October 1990, p. 36.

518 Brickner, R.H. and J. Roderique, "Solid Waste Experience with Municipal Fluidized-Bed Combustion Systems," presented at the Evaluating the Fluidized-Bed Combustion Option Conference. Washington, D.C. Gershman, Brickner & Bratton, Inc., June 1987.

519 Kidder, Peabody, & Co., Inc., Resource Recovery 1989 Data Base Printout - Site by Site, July 1989.

520 Kidder, Peabody, & Co., Inc., Industry Report: Waste-to-Energy Industry, November 1989.

521 Robbins Resource Recovery Company, Operations and Maintenance Bid Request, September 1990.

522 Turner, M.C., G.C. Wilson and D.F. Robinson, "First Year of Operation at the SEMASS WTE Facility," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 1-7.

523 Blakley, R.D., "Fireside Tube Corrosion in an Industrial RDF-Fired Boiler - Kodak's Experience," Proceedings, ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 9-19.

524 Boley, G.L., "Startup and Operations of the Mid-Connecticut Resource Recovery Project," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 21-29.

525 Jones, T.D., J.A. Talbott and W.D. Gibson, "Design of an MSW Composting Facility," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 31-36.

526 O'Leary, P.R., RefCoM Environmental Assessment, University of Wisconsin-Madison, 1989.

527 Cook, E., Role of Landfill Disposal in Municipal Solid Waste Management. Texas A&M University Report for U.S. EPA No. 600/9-89-067. June 1989.

COMPLETE LIST OF REFERENCES

528 Forbes, T.C. and R.E. Fantasia, "A Review of Two Recyclable Waste Processing Plants and Their Systems' Technologies," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 103-115.

529 Scherrer, R. and B. Oberlaender, "Refuse Pit Storage Requirements, A Waste Density Study in Operating U.S. Resource Recovery Facilities," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 135-142.

530 Harlow, G.L. et al, "Ash Vitrification - A Technology Ready for Transfer," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 143-150.

531 Sullivan, J.F., W.M. Mayo and J.W. Sullivan, "The Vibrating Conveyor for Incinerator Ash Handling Systems," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 151-161.

532 Nakazato, K., "Ash From MSW Incinerator," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 163-169.

533 Davis, R.J., T.R. Kiska and S.W. Felix, "A Comparative Evaluation of High-Temperature Pulse-Jet Baghouse Filter Fabrics," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 171-178.

534 Hands, L.M. and W.G. Schuetzendorf, "Reducing Oxides of Nitrogen Emissions from Waste-to-Energy Facilities with Operational Controls," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 179-184.

535 Penterson, C.A. et al, "Natural Gas Reburning Technology for NO<sub>x</sub> Reduction from MSW Combustion Systems," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 185-191.

536 Beachler, D.S. and N.M. Hirko, "Nitrogen Oxide Emission Rates from Waste-to-Energy Plants Using Westinghouse O'Connor (Rotary) Combustors," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 235-247.

537 Hahn, J.L. and D.S. Sofaer, "A Comparison of Health Risk Assessments for Three Ogden Martin Systems, Inc. Resource Recovery Facilities Using Estimated (Permitted) and Actual Emission Levels," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 255-272.

538 Sharma, V.K. and F.C. Sapienza, "Design Development of a Landfill Leachate Pretreatment Plant," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 313-320.

COMPLETE LIST OF REFERENCES

539 Schuetzendorf, W.G. and W.C. Nobles, "New Jersey's First Resource Recovery Facility (Warren County)," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 321-343.

540 Worster, E.S. et al, "The Greater Bridgeport Regional Resource Recovery Project: A Waste-to-Energy Reincarnation," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 345-351.

541 Butler, A.J., "Skagit County Resource Recovery Facility Design of a 178 TPD Waste-to-Energy Plant," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 353-362.

542 Hirota, T. et al, "Characteristics of the Internally Circulating Fluidized Bed Boiler," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 363-371.

543 Ford, G.L., "Tacoma Steam Plant No. 2 Repowering Project: A Multifueled Solid Waste Facility," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 379-385.

544 Schneider, J.V., "Fire Protection Design Considerations for Waste-to-Energy Facilities," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 387-396.

545 Beachler, D.S. and N.M. Hirko, "Air Emission Test Results from the Dutchess County Resource Recovery Facility," Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 405-416.

546 Davis, W.H. and M.D. Carter, "History of the Southeast Resource Recovery Project." Proceedings of ASME National Waste Processing Conference, Long Beach, CA, June 1990, pp. 439-443.

547 Rankin, S., "Recycling Plastics in Municipal Solid Wastes I: Myths and Realities," J. Resource Management and Technology, October 1989, pp. 143-148.

548 Bilitewski, B., G. Hardtle and K. Marek, "Usage of Carbon Black and Activated Carbon in Relation to Input and Technical Aspects of the Pyrolysis Process," Pyrolysis and Gasification. Proceedings of International Conference, Luxembourg, May 1989. Elsevier Science, 1989. pp. 98-105.

549 Roy, C. and J. Unsworth, "Pilot Plant Demonstration of Used Tires Vacuum Pyrolysis," Pyrolysis and Gasification. Proceedings of International Conference, Luxembourg, May 1989. G.L. Ferrero et al, eds. Elsevier Science, 1989, pp. 180-189.

COMPLETE LIST OF REFERENCES

550 Scott, D.S. et al, "Sugars from Cellulosics by the Waterloo Fast Pyrolysis Process," Pyrolysis and Gasification. Proceedings of International Conference, Luxembourg. May 1989. G.L. Ferrero et al, eds. Elsevier Science, 1989. pp. 201-208.

551 Churin, E. and B. Delmon, "What Can We Do With Pyrolysis Oils?" Pyrolysis and Gasification. Proceedings of International Conference, Luxembourg. May 1989. G.L. Ferrero et al, eds. Elsevier Science, 1989, pp. 326-333.

552 Nels, C.H., "Waste Management and Pyrolysis: Current Situation, Trends and Prospects," Pyrolysis and Gasification. Proceedings of International Conference, Luxembourg. May 1989. G.L. Ferrero et al, eds. Elsevier Science, 1989, pp. 379-386.

553 Bridgewater, A.V. and C. Roy, "Pyrolysis and Gasification," Workshop 2 - Pyrolysis. Proceedings of International Conference, Luxembourg, May 1989. G.L. Ferrero et al, eds., Elsevier Science, 1989, pp. 394-395.

554 Solantausta, Y. and A.A. Beenackers, "Workshop 3 - Gasification Technology and Economics," Pyrolysis and Gasification, Proceedings of International Conference, Luxembourg. May 1989. G.L. Ferrer et al, eds. Elsevier Science, 1989, pp. 396-398.

555 Rossler, H., U. Prosch, and W. Kaminsky, "Investigations of Toxic Components in Products from Municipal Waste - Sewage Sludge Pyrolysis," Pyrolysis and Gasification, Proceedings of International Conference, Luxembourg, May 1989. G.L. Ferrer et al, eds. Elsevier Science, 1989, pp. 473-540.

556 Graversen, P., R.M. Hummelshoj and K. Jenslev, "Mild Pyrolysis Process Improves Steam Cycle Efficiency," Pyrolysis and Gasification. Edited by G.L. Ferrero et al, Elsevier, 1989.

557 Hummelsiep, H. and H. Funk, "Gasification of Refuse, A Process of SFW," Pyrolysis and Gasification. Proceedings of International Conference, Luxembourg, May 1989. G.L. Ferrer et al, eds., Elsevier Science, 1989, pp. 547-550.

558 Masson, H. et al, "A Twin Bed Pyrolyzer-Combustor Fluid Bed System for Thermal Processing of Urban Waste," Pyrolysis and Gasification, Proceedings of International Conference, Luxembourg, May 1989. G.L. Ferrer et al, eds. Elsevier Science, 1989, pp. 574-579.

559 Stahlberg, P. et al, "Updraft Gasification of Waste Fuels," Pyrolysis and Gasification, Proceedings of International Conference, Luxembourg, May 1989. G.L. Ferrer et al, eds. Elsevier Science, 1989, pp. 603-607.

## COMPLETE LIST OF REFERENCES

560 Livengood, C.D. et al, Argonne National Laboratory, "Combined SO<sub>x</sub>/NO<sub>x</sub> Removal in a High-Sulfur Spray-Dryer/Fabric-Filter System," First Combined FGD and Dry SO<sub>2</sub> Control Symposium, St. Louis, MO, U.S. EPA and Electric Power Research Institute, October 1988.

561 U.S. Environmental Protection Agency, Federal Register, 40 CFR Parts 51, 52, and 60. Standards of Performance for New Stationary Sources and Final Emission Guidelines; Final Rules. 11 Feb 1991.

562 Lesneski, D.V., "Mass Burning Combustion Technology," Proceedings of Alternate Fuels Conference, sponsored by Council of Industrial Boiler Owners, Arlington, VA, May 1987, 15 p.

563 Schanche, G.W., "Case Histories of Burning Solid Wastes in Starved Air Incinerators," Proceedings of Alternate Fuels Conference, sponsored by Council of Industrial Boiler Owners, Arlington, VA, May 1987, 9 p.

564 Zylkowski, J.R. and R.J. Schmidt, "Waste Fuel Firing in Atmospheric Fluidized Bed Retrofit Boilers." Proceedings: 1988 Seminar on Fluidized-Bed Combustion Technology for Utility Applications. EPRI, Palo Alto, CA, February 1989, 29 p.

565 Chandran, R.R. et al, "AFBC Fuels Characterization Program Results for Different Coals, Refuse-Derived Fuel, and Coal-Cleaning Refuse," Proceedings: 1988 Seminar on Fluidized-Bed Combustion Technology for Utility Applications, EPRI, Palo Alto, CA, February 1989, 21 p.

566 Guaraldo, C.R., "MSW Composting Facilities in Sao Paulo, Brazil," BioCycle, June 1989, pp. 82-84.

567 Ferrari, G. et al, "The A.M.I.A. of Rimini's Innovative Experiences in the Disposal of Putrifiable Refuse: Economic and Technical Aspects," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

568 Krogmann, U., "Separate Collection of Biowaste," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

569 Trapasia, B.S. and K.S. Bhatt, "Economics of Compost Plants Under Indian Conditions," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

570 Lueck, G.W., "Reuter's New Composting Facility," Waste Age, June 1991, pp. 73-76.

571 O'Leary, P. and P. Walsh, "Landfill Gas: Movement, Control, and Uses," Waste Age, June 1991, 6 p.

COMPLETE LIST OF REFERENCES

572 Oberacker, D.A., "Overview of Conventional and Innovative Land-Based Thermal Technologies for Waste Disposal." NASA Symposium on Waste Processing in Space, NASA-Ames Research Center, CA, September 1990.

573 Helt, J.E., R.K. Agrawal and K.M. Myles, Pyrolysis of Municipal Solid Waste: Annual Report July 1984-June 1985, Argonne National Laboratory ANL/CNSV-54, August 1986.

574 Brickner, R.H., "Mass Burning Combustion Technologies for Municipal Solid Waste," presented to Resource Recovery Leadership Institute, U.S. Conf of Mayors/NRRA.

575 Denison, R.A. and E.K. Silbergeld, "Risks of Municipal Solid Waste Incineration: An Environmental Perspective," Environmental Defense Fund, Washington, DC.

576 Summary Testimonies Critiquing Environmental and Public Health Assessments on Emissions of Municipal Solid Waste Incineration, Institute for Local Self-Reliance, Washington, DC, April 1987.

577 Anderson, E.L., P. Chrostowski and S. Foster, "Recent Trends in Health Risk Assessment: Impact on Risk Assessment of Resource Recovery Projects," presented at Seventh Annual Resource Recovery Conference, U.S. Conf of Mayors and NRRA, March 1988.

578 National Solid Wastes Management Association Institute of Resource Recovery, "Management of Municipal Waste Combustion Ash," 1987.

579 Self-Reliance, Inc. Public Health Risks from Resource Recovery (Waste-to-Energy) Facilities. A Report to Residents of Edison, New Jersey, February 1986.

580 Vogg, H. et al, "The Specific Role of Cadmium and Mercury in Municipal Solid Waste Incineration," Waste Management & Research 4, 1986, pp. 65-74.

581 Shaub, W.M., Compilation of Information and References About Risk Assessment, Comparing Risks, Risk Data, and Communicating Risk Information to the Public, Coalition on Resource Recovery and the Environment, March 1987.

582 KWU, KWU Pyrolysis Plant: Description, Emission Rates, Operational Experience, October 1985.

583 Walter, D.K., "Energy and Waste: A Status Report," Waste Age, May 1986, 4 p.

584 Morelli, J., "Municipal Solid Waste Landfills: Optimization, Integration and Reclamation," NYSERDA, 1989.

COMPLETE LIST OF REFERENCES

585 Pas, E.I., P.A. Vesilind and S. Hirshfeld, "Assessing the True Cost of Landfills," 1987.

586 Eldredge Engineering Associates, Inc., Municipal Solid Waste Landfills: Vol II Technical Issues, May 1990.

587 National Solid Wastes Management Association, Technical Data Report 1: Landfill Costing Data, June 1990.

588 CORRE, Waste-to-Energy Facilities - Compilation of Data About Lead, Lead Compounds and Lead Emissions, CORRE Technote-87-0003, August 1987.

589 Correspondence and papers on the Sorain-Cecchini System, 1986.

590 Energy and Environmental Research Corp., Refuse-Derived Fuel Co-Firing Technology Assessment, prepared for U.S. EPA, September 1988.

591 Ishizuka, M. and S. Katoh, "Current Evaluation and View of Technique of Municipal Waste Incineration," Proceedings: Eighth Japan-United States Governmental Conference on Solid Waste Management, Honolulu, HI, September 1989.

592 Aoki, H. and S. Koyanagi, "Facilities for Recycling Incineration Residue: Case Study of Sakae Plant," Proceedings: Eighth Japan-United States Governmental Conference on Solid Waste Management, Honolulu, HI, September 1989.

593 Kawasaki, T., "Implementation Strategy of Waste Reduction and Recycling," Proceedings: Eighth Japan-United States Governmental Conference on Solid Waste Management, Honolulu, HI, September 1989.

594 Fletcher, P., "Landfill Gas Extraction - Vertical Wells or Horizontal Trenches?" Proceedings of the IMechE Conference: Engineering for Profit from Waste, Coventry, UK, March 1988.

595 Moss, H.D.T., "Landfill Gas Abstraction and Commercial Use," Proceedings of the IMechE Conference: Engineering for Profit from Waste, Coventry, UK, March 1988.

596 Krol, A.A. and C.G. Dent, "A Comparison of the Application of Energy from Municipal Solid Waste Technology in Three Countries - the U.K., Sweden and Canada," Proceedings of the IMechE Conference: Engineering for Profit from Waste, Coventry, UK, March 1988.

597 Schlegel, R., "The Unique W+E Concept for Energy from Waste," Proceedings of the IMechE Conference: Engineering for Profit from Waste, Coventry, UK, March 1988.

598 Ellis, F. et al, "The Combustion of Waste in Fluidized Bed Boilers -- Two Case Histories," Proceedings of the IMechE Conference: Engineering for Profit from Waste, Coventry, UK, March 1988.

COMPLETE LIST OF REFERENCES

599 Schopfer, J.F., "Evolution in Financing Resource Recovery Projects," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC. Feb-Mar 1985.

600 Peterson, C. and C. Gunnerson, "Solid Waste Management: An International Perspective," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBE, Washington, DC, Feb-Mar 1985.

601 Brickner, R.H., "Evolution of the Small-Scale Incinerator Industry," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

602 Gershman, H.W., "Forces Behind Small Scale Waste-to-Energy," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

603 Peterson, C., "Energy Recovery in Japan and Western Europe," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

604 Freres, S., "Small Scale Systems," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

605 Katy Industries, Inc., "Katy Industries, Inc." International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

606 Cadoux, "Cadoux," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB. Washington, DC. Feb-Mar 1985.

607 Volund USA Ltd., "System Volund, Volund USA Ltd.," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB. Washington, DC. Feb-Mar 1985.

608 Honsaker, W.G., "The Westinghouse/O'Connor Combustor Approach to Small Scale Waste-to-Energy Facilities," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

609 Clark-Kenith Inc., "Introduction to Clark-Kenith Inc.," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB. Washington, DC. Feb-Mar 1985.

610 Taylor, H.F., D.E. McCoy and W.D. Carroll, "A 200 TPD Modular Waterwall Cogeneration Facility in North Hanover County, North Carolina," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB. Washington, DC. Feb-Mar 1985.

COMPLETE LIST OF REFERENCES

611 Consumat Systems, Inc., "Consumat Systems, Inc.," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

612 Clear Air Inc., "Clear Air Inc.," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

613 Brickner, R.H., "Small-Scale Waste-to-Energy System Turbine Generator System Options," International Small-Scale Municipal Waste-to-Energy Conference sponsored by Resource Recovery Report and GBB, Washington, DC, Feb-Mar 1985.

614 Goodman, B.J., "Overview of Thermochemical Conversion of Municipal Solid Waste," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute SERI/CP-231-3355, Golden, CO, July 1988, pp. 123-128.

615 Daugherty, K., "Preparation of Densified and Powder Fuels from MSW," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute SERI/CP-231-3355, Golden, CO, July 1988, pp. 141-148.

616 Bachovchin, D., and D. Keairns, "MSW Combustion Support Program," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute SERI/CP-231-3355. Golden, CO. July 1988, pp. 175-186.

617 Domalski, E.S., "Chlorine Mass Balance in the Combustion of RDF," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute, SERI/CP-231-3355, Golden, CO, July 1988, pp. 187-195.

618 Scahill, J., "Adaptation of the SERI Vortex Reactor for RDF Pyrolysis," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute, SERI/CP-231-3355, Golden, CO, July 1988, pp. 237-246.

619 Reed, T., "Principles and Operation of a Novel Pyrolysis Mill," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute, SERI/CP-231-3355, Golden, CO, July 1988, pp. 247-258.

620 Levie, B. et al, "Pyrolysis and Combustion of RDF," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute SERI/CP-231-3355. Golden, CO. July 1988. pp. 259-288.

621 Garing, C., "Six Years Experience in Producing RDF and Cofiring RDF in a Pulverized Coal Boiler," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

622 Jacobus, P.L., "Cofiring RDF with Pulverized Coal: Ten Years' Experience in Madison," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

COMPLETE LIST OF REFERENCES

623 Smagula, W.H. and H.E. Keyes, "Test Burn Report, Cofiring Refuse Derived Fuel and Coal in a Cyclone Boiler," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

624 McGowin, C.R., "Guidelines for Cofiring Refuse-Derived Fuel in Electric Utility Boilers," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

625 Scheatzle, J.E. and W.C. Hanson, "Design and Start-up of Elk River's Conversion to RDF Firing," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

626 Herrmann, R.H., "Improvements in the Quality of RDF," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

627 Follett, R.E. and M.J. Fritsch, "Two Years of RDF Firing in Converted Stoker Boilers," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

628 Burnham, D.E. et al, "Evolution of RDF Boiler Designs Through State-of-the-Art System at Palm Beach," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

629 Boley, G.L., "Combustion Engineering's Experience in Co-Firing RDF and Coal in Dedicated Combustors," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

630 Hohman, E.H. and M.W. McNerney, "SEMASS Project: Shred and Burn," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

631 White, T.M., "Wheelabrator's Mass Burn Experience," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

632 McClanahan, D.E. and T.J. Zachman, "An Overview of the Springfield Resource Recovery Facility," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

633 Minott, D.H., "Overview of Fluid Bed Technology for Municipal Waste Combustion," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

634 McCarty, P., "Fluidized Bed Retrofit for Cofiring RDF with Coal and Wood Waste," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

635 Murphy, M.L. and M.R. Carroll, "Assessing the Potential of Retrofitting Boilers with Fluidized Bed Systems," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

## COMPLETE LIST OF REFERENCES

636 Barrett, R.E. et al, "Technology Status Assessment of Municipal Refuse-to-Energy Systems," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

637 Wiles, C. and D.S. Kosson, "Trace Elements, Leaching and Health Risks from Municipal Waste Combustion Ash," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

638 Forrester, K.E., "State-of-the-Art in Refuse-to-Energy Facility Ash Residue Handling, Reuse, Landfill Design and Management," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

639 Hahn, J.L. et al, "Recent Air Emissions Data from Three New Ogden Martin Systems Inc Resource Recovery Facilities...," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

640 Brna, T.G. and J. Kilgroe, "Control of PCDD/PCDF Emissions from Municipal Waste Combustion Systems," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

641 Eberley, L.W., "Experience in Getting and Keeping Permits in Minnesota," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

642 Konheim, C.S., "Risk Communication in the Real World," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

643 Gershman, H.W., "Recycling and Source Reduction -- Predicting the Impacts, Advantages and Disadvantages," Proceedings: 1989 Conference on Municipal Solid Waste as a Utility Fuel, EPRI GS-6994, February 1991.

644 Energy and Environmental Research Corporation, Fluidized Bed Combustor Technology Assessment, Draft Report, Sep 1988.

645 Alter, H., The Greatly Growing Garbage Problem: A Guide to Municipal Solid Waste Management for Communities and Businesses, U.S. Chamber of Commerce Publication #0113, 1988.

646 Sucss, M.J., "WHO Viewpoint on Health Impact from Municipal Waste Combustion," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

647 Kilgroe, J.D., "U.S. Regulatory, Research, and Legislative Activities Related to MWC Facilities," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

COMPLETE LIST OF REFERENCES

648 Morgan, W.T., "RDF Processing Plant Maintenance Management," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

649 Kellermeyer, D.A. and S.E. Ziemer, "Public Health Risks Associated with Disposal of MSW Incineration Ash," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

650 Hand, S.J. and P.H. Dhargalkar, "Jackson County (Michigan) Resource Recovery Facility," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

651 Feindler, K.S., Performance Trends for the New Baltimore Southwest Facility: Projections and Realities," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

652 Tilly, J., F. Arnold and D. Pyne, "Current Issues and Problems in Integrated Solid Waste Management," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

653 Taylor, H.F., "Ten Myths of Municipal Waste Combustion and The Fundamentals and Politics of Garbage," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

654 Pytlar, T.S. and B.S. Na, "An Analysis and Decision Model for Integrating Energy and Materials Recovery within a Solid Waste Management System," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

655 Kotani, T. and K. Mikawa, "Design and Operation Results on MSW Fluidized Bed Incinerator," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

656 Kilgroe, J.D., L.P. Nelson and P. Schindler, "Development of Combustion Guidelines to Minimize Air Emissions from Municipal Waste Combustors," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

657 Itaya, M. et al, "Removal of Hydrogen Chloride Gas From MSW Fluidized Bed Incinerator Using Bag Filter," Proceedings: International Conference on Municipal Waste Combustion. Hollywood, FL, April 1989.

658 Grohsé, E.W. and M. Steinberg, "Economical Disposal of Municipal Solid Wastes with Minimal Discharges Into the Atmosphere and Maximum Recovery of Energy Values," Proceedings: International Conference on Municipal Waste Combustion, Hollywood, FL, April 1989.

659 Smith, B.D., G.D. Cox and R.A. Quick, "Technical Issues in the Siting and Design of Municipal Solid Waste Landfill in the 90's," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

COMPLETE LIST OF REFERENCES

660 Belevi, H. and P. Baccini, "Long-Term Assessment of Leachates from Municipal Solid Waste Landfills and Bottom Ash Landfills," Proceedings of Sixth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, PA, December 1990.

661 "Are Balefills Better?" Waste Age, September 1988, 3 p.

662 Jones, D.R., "To Shred, or Not To Shred?" Waste Age, June 1988, 4 p.

663 "Statistical Highlights from EPA's Study of Subtitle D Facilities," Waste Age, April 1988, 7 p.

664 "Landfill Liners & Geotextile Guide," Waste Age, March 1988, 3 p.

665 Vasuki, N.C., "Why Not Recycle the Landfill!" Waste Age, November 1988, 4 p.

666 Ackerman, F. and T. Schatzki, "Bottle Bills and Curbside Recycling Collection," Resource Recycling, June 1991, pp. 75-78.

667 Glenn, J. and D. Riggle, "Nationwide Survey: The State of Garbage," BioCycle, April 1991, pp. 34-38.

667 Glenn, J. and D. Riggle, "The State of Garbage in America," BioCycle, April 1991.

668 Markowitz, P., "Winning Strategies for Curbside and Dropoff," BioCycle, April 1991, pp. 39-41.

669 Powell, J., "Keeping it Separate or Commingling It: The Latest Numbers," Resource Recycling, March 1991, 3 p.

670 Foshay, M. and A. Aitchison, "Factors Affecting Yield and Participation in Curbside Recycling Collection Programs," Resource Recycling, March 1991, 9 p.

671 Sasaki, K. and T. Hayashi, "IHI Fluidized Bed Garbage Incineration Plant Constructed at the Koza Garbage Incineration Service Corp.," IHI Engineering Review, Vol 11, No. 4, October 1978, pp. 57-66.

672 Hagihara, H., "450 t/d Fluidized-Bed Type Municipal Refuse Incinerator Plant for the Machida Refuse Resources Recycling Cultural Center (Tokyo)," IHI Engineering Review, Vol 16, No. 2, April 1983, pp. 1-6.

673 Selected Fluidized Bed Combustors in Japan - Listing, October 1987. Provided by C. Strickler, Reading Energy Company, 1991.

674 Cassel, T.A.V., "Integrated Approach to Solid Waste Disposal," Reprint from Independent Energy by Reading Energy Co.

COMPLETE LIST OF REFERENCES

675 "Chambers Awarded Permit for Atlanta Landfill," Solid Waste Report, 3 June 1991.

676 "\$200M Chicago WTE Plant Set," WasteTech News, 27 August 1990.

677 "Subtitle D Landfill Regs Due Soon," Resource Recovery Report July 1991.

678 "EPA Proposed Air Emissions Standards for Municipal Solid Waste Landfills," Solid Waste Report, 20 May 1991.

679 "Environmental Groups Sue EPA Over Subtitle D Rule Delays," Solid Waste Report, 28 May 1991.

680 Maxwell, G., "Reduced NOx Emissions from Waste Management's Gas Solar Centaur Turbines," Air & Waste Management Assoc. 82nd Annual Meeting, Anaheim, CA. June 1989.

681 Strauss, W.S., "Harrisburg Waste-to-Energy, Pioneering the Future Solution in the Management of Municipal Solid Waste," Air & Waste Management Assoc. 82nd Annual Meeting, Anaheim, CA, June 1989.

682 "Swift Warns Congress Could Act on Landfill Rule if OMB Doesn't," Solid Waste Report, 6 May 1991.

683 "Subtitle D Delay Part of Broader OMB-EPA Dispute," Solid Waste Report, 13 May 1991.

684 Glebs, R.T., "Subtitle D: How Will it Affect Landfills?" Waste Alternatives/Landfill of the 90s, National Solid Wastes Management Association, December 1988, 8 p.

685 Hayes, T.D. et al, "In Situ Methane Enrichment in Anaerobic Digestion," Biotechnology and Bioengineering, Vol. 35, Jan 1990, pp. 73-86.

686 National Solid Wastes Management Association, Special Report: Landfill Capacity in the Year 2000. 1989.

687 National Solid Wastes Management Association, Landfill Capacity in the U.S.: How Much Do We Really Have? October 1988.

688 U.S. Environmental Protection Agency, Municipal Solid Waste Landfill Survey, Washington, DC, 1986. As Cited In: Glebs, R.T., "Landfill Costs Continue to Rise," Waste Age, March 1988, p. 84.

689 U.S. Environmental Protection Agency, Criteria for Municipal Solid Waste Landfills, Subtitle D of the Resource Conservation and Recovery Act, Regulatory Impact Analysis of Proposed..., Washington, DC, National Technical Information Service, PB88-24251 1988. As Cited In: Texas A & M Univ., Role of Landfill Disposal in Municipal Solid Waste Management. Prepared for U.S. EPA, June 1989.

COMPLETE LIST OF REFERENCES

690 U.S. Environmental Protection Agency, Lining of Waste Impoundment and Disposal Facilities, Matrecon, Oakland, California, SW-870, Washington, DC, September 1980. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

691 Daniels, P. E., and Brown, K. W., "Landfill Liners: How Well Do They Work and What is Their Future," presented at a Workshop on Engineering and the Natural Environment of Hazardous Landfills, University of Cambridge, U.K. 9-11 Sep 1987. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

692 Ham, R. K., "Decomposition of Residential and Light Commercial Solid Waste in Test Lysimeters," U.S. Environmental Protection Agency (SW-190c) Washington, DC, August 1978. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

693 Clark, T. P. and R. Piskin, "Chemical Quality of and Indicator Parameters for Monitoring Landfill Leachate in Illinois," Illinois Environmental Protection Agency, Joliet, IL, May 1976. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

694 Chian, E. S. and F. DeWalle, "Evaluation of Leachate Treatment," U.S. Environmental Protection Agency EPA-600/2-77-186a, 1977. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

695 Uloth, R., and Mavinic, J. S., "EPA Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities," U.S. Environmental Protection Agency EPA/530/sw-611, August 1977. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

696 Myers, T. E., "Chemically Stabilized Industrial Wastes in a Sanitary Landfill Environment," in Disposal of Hazardous Waste, Proceedings of the Sixth Annual Research symposium, EPA-600/9-80-010, March 1980, pp. 223-241. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

697 James, S. C., "Metals in Municipal Landfill Leachate and Their Health Effects," American Journal of Public Health, 67, 1977, pp. 429-432. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

698 U.S. Environmental Protection Agency, "Report to Congress on Solid Waste Disposal in the United States," EPA/530-SW-88-011B, Chapter 4, Washington, DC, 1988. As Cited In: Pohland, F.G., "Controlled Landfills: A Systematic Approach to Solid Waste Disposal," Proc., First U.S. Conference on Municipal Solid Waste Management: Solutions for the 90s, Vol I. Washington, DC, U.S. EPA Office of Solid Waste, June 1990.

COMPLETE LIST OF REFERENCES

699 Robinson, H. D. and Maris, "Leachate From Domestic Waste: Generation, Composition, and Treatment: A Review," Technical Report TR 108, Stevenage, Herts., Water Research Centre, Stevenage Laboratory, March 1979. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

700 Prickett, T. A., T.G. Naymik, and C.G. Eonnquist, "A 'Random Walk' Solute Transport Model for Selected Groundwater Quality Evaluations," Champaign, Illinois, Illinois State Water Survey, 1981. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

701 U.S. Environmental Protection Agency, "Preliminary Draft EIS: Air Emissions From Municipal Solid Waste Landfills Background Information for Proposed Standards and Guidelines," Research Triangle Park, NC, March 1988. As Cited In: Zack, M. and D.H. Minott, "New Federal Controls on Landfill Gas Emissions and Economics of Landfill Gas Recovery." Energy from Biomass and Wastes XIII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 1119-1144.

702 Lofy, R., "Gas Venting/Control Techniques and Facility Design," presented at University of Wisconsin Extension Seminar, Sanitary Landfill Gas and Leachate Management, December 1984. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

703 Flanagan, K., GSF Energy Inc., Telecon With Marie Zack, Alternative Resources, Inc., 10 Jan 1989. As Cited In: Zack, M. and D.H. Minott, "New Federal Controls on Landfill Gas Emissions and Economics of Landfill Gas Recovery." Energy from Biomass and Wastes XIII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 1119-1144.

704 Government Advisory Associates, "The 1986-87 Methane Recovery From Landfill Yearbook," 1986. As Cited In: Zack, M. and D.H. Minott, "New Federal Controls on Landfill Gas Emissions and Economics of Landfill Gas Recovery." Energy from Biomass and Wastes XIII, D.L. Klass, ed., Institute of Gas Technology, Chicago, IL, 1990, pp. 1119-1144.

705 Glebs, R. T., "Determining Closure and Post-Closure Costs," presented at Waste Expo 1989, Chicago, Illinois, 2 May 1989. As Cited In: National Solid Wastes Management Association, Technical Data Report 1: Landfill Costing Data, June 1990.

706 SCS Engineers, "Sanitary Landfill Costs in Michigan," for presentation to Special House Democratic Task Force on Solid Waste Disposal, 4 Dec 1989. As Cited In: National Solid Wastes Management Association, Technical Data Report 1: Landfill Costing Data, June 1990.

## COMPLETE LIST OF REFERENCES

707 SCS Engineers, "Sanitary Landfill Costs in Kentucky," for presentation to Natural Resources Cabinet on Solid Waste Regulations and Environmental Quality Commission, 22 Feb 1990. As Cited In: National Solid Wastes Management Association, Technical Data Report 1: Landfill Costing Data, June 1990.

708 Reinhardt, J. J. and Ham, R. K., "Final Report on a Milling Project at Madison, Wisconsin, Between 1966 and 1972," Vol. I, Washington, D.C., U.S. Environmental Protection Agency, March 1973. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

709 Stone, R., "Balefill Costs More Initially, But Can Pay Off in Public Acceptance, Lower Operating Dollars," Solid Waste Systems, Mar/Apr 1977 pp. 16-18. As Cited In: Robinson, W.D., ed., The Solid Waste Handbook, A Practical Guide, John Wiley & Sons, Inc., 1986.

710 Pioli, D. M., and Hartsock, D. R., "An Orderly Approach to landfill Gas Systems Development," Waste Age, July 1991, pp. 95-98.

711 O'Leary, P. and Walsh, P., "Leachate Control and Treatment," Waste Age, July 1991, pp. 103-118.

712 Parker, B. "Federal Court Update On Out-of-State MSW," Waste Age, July 1991, pp. 127-128.

713 Will County, IL, Will County Solid Waste Management Plan, Vol I of VII, January 1991.

714 Will County, IL, Will County Solid Waste Management Plan, Vol II - Generation Rates Update, Vol III - Volume Reduction, January 1991.

715 Will County, IL, Will County Solid Waste Management Plan, Vol IV - Recycling & Landscape Waste Management, January 1991.

716 Will County, IL, Will County Solid Waste Management Plan, Vol V - Waste to Energy Feasibility Study, January 1991.

717 Will County, IL, Will County Solid Waste Management Plan, Vol VI - Landfill/Ashfill. January 1991.

718 Will County, IL, Will County Solid Waste Management Plan, Vol VII - Public Comments and Responses. January 1991.

719 Illinois Department of Energy and Natural Resources, Economic Impact Study of Landfill Regulations (1288-7), November 1989.

721 Strauss, W.S., "Harrisburg Waste-to-Energy: Pioneering the Future Solution in the Management of Municipal Solid Waste," Air & Waste Management Association 82nd Annual Meeting, Anaheim, CA, June 1989.

COMPLETE LIST OF REFERENCES

722 Howe, W., and C. McGowin, "Fluidized Bed Combustion of Alternate Fuels: Pilot and Commercial Plant Experience," 1991 International Conference on Fluidized Bed Combustion, Montreal, Canada, 1991.

723 Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?," Washington, DC, 1988.

724 Crawford, S. and R. Spencer, "Positive Climate for Project Development (MSW Composting Hotbed)," BioCycle, December 1990, 2 p.

725 Goldstein, N., "Solid Waste Composting Project Update," BioCycle, May 1991, 2 p.

726 Spencer, R., "Mixed MSW Composting Gets Environmental Scrutiny," BioCycle, May 1991, 3 p.

727 Clark Engineering, Eastern Rensselaer County (New York) Co-Composting Feasibility Study, September 1988.

728 H2M Group/E&A Environmental Consultants, Inc., Final Environmental Impact Statement: Solid Waste/Sludge Composting Facility, Southold, New York, June 1989.

729 Spencer, R., "Canada Launches Municipal Composting Projects," BioCycle, June 1991, 3 p.

730 Hoornweg, D., L. Otten and W. Wong, "Wet/Dry Household Waste," BioCycle, June 1991, 3 p.

732 Bye, J., "Setting Standards for Compost Utilization," BioCycle, May 1991, 5 p.

733 Spencer, R. and N. Goldstein, "Minnesota Facilities Meet MSW Composting Challenges," Part II, BioCycle, December 1990, 6 p.

734 Craig, N., "Solid Waste Composting Underway in Minnesota," BioCycle, August 1988, 4 p.

735 Golleke, C.G. and L.F. Diaz, "Source Separation and MSW Compost Quality," BioCycle, May 1991, 2 p.

736 WRc Inc/Guarino Engineers, Eweson Digester Co-Composting Process, Monitoring Report for Bedminster Bioconversion Corporation. June 1989.

737 Housatonic Valley Association, Municipal Solid Waste Composting: A Viable Disposal Option for Connecticut? Cornwall Bridge, CT, January 1991.

738 Solid Waste Composting Council, Compost and Composting: An Overview of the MSW Composting Industry Today. Washington, DC, June 1991.

COMPLETE LIST OF REFERENCES

739 Michigan Department of Natural Resources, Trip Report: European Study Tour - Composting and Recycling, Belgium, Germany, Switzerland. October 1987.

740 MASSPIRG, Mixed Waste Composting: The Jury is Still Out, Massachusetts Public Interest Research Group, Boston, MA, March 1991.

741 Curtis, C.C., G.R. Brenniman and W.H. Hallenbeck, Municipal Solid Waste Composting: Technologies, Health Effects, Effects on Plant Growth and Yield, Regulations, and Descriptions of U.S. Sites. University of Illinois Center for Solid Waste Management and Research OTT-9, June 1991.

742 Cornell Waste Management Institute, Background Materials: Composting of MSW, June 1991.

743 M.M. Dillon Ltd/Cal Recovery Systems Inc., Composting, A Literature Study, 1989. Prepared for Ontario Ministry of the Environment, Queen's Printer for Ontario, May 1990.

744 Pollution Probe Foundation, Recycling - The Works: An International Recycling Forum. Toronto, Ontario, May 1988.

745 Franklin Associates, Ltd., "Characterization of Municipal Solid Waste in the United States, 1960 to 2000 (Update 1988)," U.S. Environmental Protection Agency, Washington DC, March 1988. As Cited In: Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?," Washington, DC, 1988.

746 Hershkowitz, A., "International Experiences in Solid Waste Management," prepared for U.S. Congress, Washington, DC, Office of Technology Assessment, October 1988. As Cited In: Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?," Washington, DC, 1988.

747 Institute for Local Self-Reliance, "Garbage in Europe: Technologies, Economics, and Trends," Washington, DC, 1988. As Cited In: Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?," Washington, DC, 1988.

748 Pollock, C., "Mining Urban Wastes: The Potential for Recycling," Worldwatch Paper 76, Washington, DC, Worldwatch Institute, April 1987. As Cited In: Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?," Washington, DC, 1988.

749 -----, "Solid Waste Management in Sweden," Swedish Association of Public Cleansing and Solid Waste Management, Malmo, Sweden, February 1988. As Cited In: Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?," Washington, DC, 1988.

COMPLETE LIST OF REFERENCES

750 Personal Communication with R. Spencer, July 1991.

751 Goldstein, N. and R. Spencer, "Solid Waste Composting in the United States," BioCycle, November 1990, 4 p.

752 O'Donnell, M.J., J.M. Walker, and T.V. DeGeare, "Comparative Assessment of Municipal Solid Waste Compost Characteristics," BioCycle, 1991.

753 The BioCycle Guide to In-Vessel Composting, 1986.

754 "Guidelines for MSW Compost," BioCycle, June 1991.

755 Goldstein, N. and D. Riggle, "Sludge Composting Maintains Momentum," BioCycle, December 1990.

756 Glaub, J.C., L.F. Diaz, and G.M. Savage, "Preparing MSW for Composting," The BioCycle Guide to Composting Municipal Wastes, The JG Press, Inc., 1989.

757 Goldstein, N., "Composting Activity: Solid Waste," The BioCycle Guide to Composting Municipal Wastes, The JG Press, Inc., 1989.

758 Apotheker, S., "Engineering the Nation's Largest MSW Composting Plant," Resource Recycling, July 1991, 8 p.

759 Chanyasak, V. and H. Kubota, "Source Separation of Garbage for Composting," Biocycle, Mar-Apr 1983.

760 Golueke, C.G. and L.F. Diaz, "Source Separation and MSW Compost Quality," BioCycle, May 1991.

761 Hoitink, H.A.J. and H.A. Keener, "Factors Affecting Compost Quality," Proc: 1990 National Conference on Standards for Compost Products, Solid Waste Composting Council, Falls Church, VA, November 1990.

762 Portage, City of, Wisconsin Brochure.

763 Reidel Environmental Technologies, Inc. Literature.

764 Deshaye, Joyce, "Study Provides Insights Into Recycling," Resource Recycling, April 1990, 4 p.

765 Rhode Island Solid Waste Management Corporation, Request for Proposals for a Materials Recycling Facility to be Located at Quonset Point/ Davisville Industrial Park, North Kingstown, Rhode Island, 20 Oct 1989.

766 Gaston County, NC, Request For Proposals to Develop a Materials Recovery Facility To Serve Gaston County, North Carolina, 22 Sep 1989.

COMPLETE LIST OF REFERENCES

767 Monmouth County, NJ, Request for Proposals for a Solid Waste Disposal and Resource Recovery Facility, Monmouth County, New Jersey, prepared by HDR Engineering, Inc., July 1989.

768 Desso, A., "Planning Safe MRFs," Waste Age, May 1991, 2 p.

769 Culviner, P., "McMRFs: Mobile Recycling," Waste Age, May 1991, 3 p.

770 Delaware Solid Waste Authority, Request for Proposal: Establishment, Operation, and Maintenance of Statewide Recycling Centers, September 1990.

771 Yankowitz, H., Incineration of Municipal Solid Waste: Scientific and Technical Evaluation of the State-of-the-Art Report of the Expert Panel, The United States Conference of Mayors, Washington, DC, 1 Feb 1990.

772 Keep America Beautiful, Inc., Overview: Solid Waste Disposal Alternatives, April 1989.

773 Chertow, M., Garbage Solutions, A Public Official's Guide to Recycling and Alternative Solid Waste Management Technologies, United States Conference of Mayors, Washington DC, 1989.

774 Franklin Associates, Characterization of Municipal Solid Waste in the United States: 1990 Update, U.S. Environmental Protection Agency EPA/530-SW-90-042, Washington, DC, June 1990.

775 Concord, New Hampshire, Comprehensive Solid Waste Management Plan, City of Concord, New Hampshire, Draft Report, April 1991.

776 National Solid Wastes Management Association, Recycling in the States, Mid-Year Update 1990, Washington, DC, 1990.

777 Porter, J. W., Municipal Solid Waste Recycling: The Big Picture, U.S. Conference of Mayors Recycling Conference, 29 March 1990.

778 Glenn, J. and D. Riggle, "Where Does the Waste Go?" BioCycle, April 1989, 6 p.

779 "New Age Drop-off Programs," The BioCycle Guide to Collecting, Processing and Marketing Recyclables, The JG Press, Inc., Emmaus, PA, 1990.

780 Personal Communication with M. Bobinski, DPW Director, Concord, NH, 1991.

781 Browning-Ferris Industries, Inc., Recycling Partnership - Blue Bag System, Houston, Texas.

782 Finelli, A., "Secondary Materials Markets: A Primer," Solid Waste & Power, August 1990, 5 p.

COMPLETE LIST OF REFERENCES

783 Salimando, J., "Rhode Island's State-of-the-Art Plant," *Waste Age*, September 1989, 4 p.

785 "MRFs Move Ahead," *The BioCycle Guide to Collecting, Processing and Marketing Recyclables*, The JG Press, Inc., Emmaus, PA, 1990.

786 Pytlar, T.S., *The Economics of Solid Waste Management - Collecting, Processing, and Marketing Recyclable Materials* Presented to the United States Conference of Mayors National Resource Recovery Association, 15 Nov 1990.

787 Interpoll Laboratories, Inc., *Results of the December 9 and 10, 1987 Air Emission Characterization Test at the Resource Recovery S System Facility in Groton, Connecticut*, 10 Feb 1988.

788 Thurner, C. and D. Ashley, "Developing Recycling Markets and Industries," *National Conference of State Legislatures*, Washington, DC, July 1990.

789 National Solid Wastes Management Association, *Recycling Solid Waste*, Washington, DC, 1990.

790 "1991 Directory of Materials Recovery Facilities," *Waste Age*, May, 1991.

791 Coalition on Resource Recovery and the Environment, *A Survey of Waste Management Issues*, Workshop Report, Washington, DC, 30 May 1991.

792 Neal, D., "Effect of Recycling on Solid Waste Combustion Capacity in Massachusetts," *New England Environmental Expo*, Boston, MA, 21 May 1991.

793 Lueck, G., "Recycling Among the Palms," *Waste Age*, May 1991, 5 p.

794 Compost Plant Planning Guide for Municipal Solid Waste Composting, Solid Waste Composting Council, Washington, DC, 6 April 1991.

795 The Institute for Local Self-Reliance, *Indiana's Alternatives to Solid Waste Disposal*, Washington, DC, May 1990.

796 Superburn Systems, Ltd., *Fluidized Bed Combustion Brochure*, Vancouver, B.C.

797 Pompelia, M., "NOx: How Much of a Concern?," *Waste Age*, November 1989, 4 p.

798 HDR Engineering, Inc., *Lake County (IL) Solid Waste Management Plan, Vol I*, prepared for Lake County Joint Action Solid Waste Planning Agency, April 1989.

799 HDR Engineering, Inc., *Lake County (IL) Solid Waste Management Plan, Vol III, Appendices A1 - A5*, prepared for Lake County Joint Action Solid Waste Planning Agency, April 1989.

COMPLETE LIST OF REFERENCES

800 HDR Engineering, Inc., Lake County (IL) Solid Waste Management Plan, Vol III, Appendices A-6 - A10, B - D, prepared for Lake County Joint Action Solid Waste Planning Agency, April 1989.

801 HDR Engineering, Inc., Lake County (IL) Solid Waste Management Plan, Vol IV, Compilation of Public Comments, prepared for Lake County Joint Action Solid Waste Planning Agency, April 1989.

802 Srivastava, V.J. et al, "Biogasification of Community-Derived Biomass and Solid Wastes in a Pilot-Scale SOLCON Reactor," paper presented at 10th Symposium on Biotechnology for Fuels and Chemicals, Gatlinburg, TN, May 1988.

803 Srivastava, V.J. et al, "Improved Efficiency and Stable Digestion of Biomass in Non-Mixed Upflow Solids Reactors," paper presented at 9th Symposium on Biotechnology for Fuels and Chemicals, Boulder, CO, May 1987.

804 Ohlsson, O., C. Livengood, and K. Daugherty, "Results of Emissions and Ash Testing in Full Scale Co-Combustion Tests of Binder-Enhanced dRDF Pellets and High-Sulfur Coal," Proceedings of the 83rd Annual Meeting & Exhibition, Pittsburgh, PA, Air & Waste Management Association, June 1990.

805 Fiscus, D. E. et al, Guidelines for Cofiring Refuse-Derived Fuel in Electric Utility Boilers, Volume 1: Executive Summary, Electric Power Research Institute, Palo Alto, CA, June 1988.

806 Fiscus, D. E. et al, Guidelines for Cofiring Refuse-Derived Fuel in Electric Utility Boilers, Volume 2: Engineering Evaluation Guidelines, Electric Power Research Institute, Palo Alto, CA, June 1988.

807 Fiscus, D. E. et al, Guidelines for Cofiring Refuse-Derived Fuel in Electric Utility Boilers, Volume 3: Appendixes, Electric Power Research Institute, Palo Alto, CA, June 1988.

808 White, A., M. Becker and S. Schatzki, Energy Implications of Alternative Solid Waste Management Systems, Final Report Submitted to: NE Regional Biomass Program, Coalition of NE Governors Policy Research Center, Inc., February 1990.

809 Scahill, J., "Trip Report: Study Trip Participant in the Expert Working Group on Downstream Effects of Source Separation and Screening of MSW," Inter Office Memorandum, Solar Energy Research Institute, 31 May 1990.

810 Chapman, R., "Solid Waste Systems for Energy Generation," Energy Technology Handbook, McGraw Hill Book Co., New York, NY, 1977.

811 Paisley, M., R. Litt, and K. Creamer, "Gasification of Refuse Derived Fuel in a High Throughput Gasification System," Battelle, February 1990.

COMPLETE LIST OF REFERENCES

812 Valorga, Valorga Brochures and Data Sheets, 1988, 1989.

813 Chang, P., and G. Preston, "The Occidental Flash Pyrolysis Process," Biomass Conversion Processes for Energy and Fuels, Plenum Press, New York, NY, 1981.

814 Isaacson, R. et al, "RefCOM - Technical Status, Economics and Market," Energy From Biomass and Wastes XI, Chicago, IL, Institute of Gas Technology, 1987.

815 Bonhomme. M., "The Valgora Process for the Recycling of Urban Waste by Methanization," Energy From Biomass and Wastes XI, Chicago, IL, Institute of Gas Technology, 1987.

816 Intergovernmental Solid Waste Disposal Association, Champaign County Solid Waste Management Plan, Part I - Solid Waste Characteristics, Champaign, Illinois.

817 Intergovernmental Solid Waste Disposal Association, Champaign County Solid Waste Management Plan, Part II - Source Reduction, Champaign, Illinois.

818 Intergovernmental Solid Waste Disposal Association, Champaign County Solid Waste Management Plan, Part III - Recycling, Champaign, Illinois.

819 Intergovernmental Solid Waste Disposal Association, Champaign County Solid Waste Management Plan, Part IV - Facilities, Siting Criteria and System Costs, Champaign, Illinois.

820 Intergovernmental Solid Waste Disposal Association, Champaign County Solid Waste Management Plan, Part V - Compilation of Public Comments and Responses, Champaign, Illinois.

821 California Energy Commission, Energy Technology Status Report, June 1991.

822 Buekens, A. and J. Shoeters, "European Experience in the Pyrolysis and Gasification of Solid Wastes," Conservation & Recycling, Vol. 9, No. 3, 1986, pp. 253-269.

823 Jones, K., "Risk Assessment: Comparing Compost and Incineration Alternatives," MSW Management Vol. 1, No. 2, May/June 1991, 7 p.

824 "Treatment and Use: The Future of Ash Management?" Solid Waste & Power, October 1991, pp. 20-28.

825 Rogoff, M., "The Ash Debate: States Provide Solutions," Solid Waste & Power, October 1991, pp. 12-18.

COMPLETE LIST OF REFERENCES

826 Mader, P., Pyrolyse Kraftanlagen GmbH, Federal Republic of Germany, personal communication, October 1988. As Cited In: Office of Technology Assessment, Congress of the U.S., "Facing America's Trash: What Next for Municipal Solid Waste?", Washington, DC, 1988.

827 Kistler, R.C., F. Widmer, F. and P.H. Brunner, "Behavior of Chromium, Nickel, Copper, Zinc, Cadmium, Mercury, and Lead During the Pyrolysis of Sewage Sludge," Environ. Sci. Technol., Vol 21, No. 7, pp. 704-708. As Cited In: Scahill, J., "Adaptation of the SERI Vortex Reactor for RDF Pyrolysis," Thermochemical Conversion Program Annual Meeting. Solar Energy Research Institute, SERI/CP-231-3355, Golden, CO, July 1988, pp. 237-246.

828 Kuester, J.L., Trip Report (Japan), U.S. Dept. of Energy Report No. COO-29825, January 1981. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

829 Wilson, E. et al, "Purox Pyrolysis System," Section 8 in Engineering and Economics Analysis of Waste to Energy Systems, U.S. EPA Report No. EPA-600/7-78-086, May 1978. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

830 Klass, D., "Fuels From Biomass: An Introduction," Chapter 1 in Fuels from Biomass and Wastes, Ann Arbor Science, 1981. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

831 Chatterjee, A., "The Purox Process," Chapter 12 in Biomass Conversion Processes for Energy and Fuels, Plenum Press, NY, 1981. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

832 Nels, C., "Status Report on Pyrolysis in the European Community, the U.S.A. and Japan," in Recycling International: Recovery of Energy and Materials from Residues and Waste, 1982, pp. 129-137. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

833 Alvarez, A., "A Study of Conversion of Solid WASTE to Energy in the U.S.A.," in Recycling International: Recovery of Energy and Materials from Residues and Waste, 1982, pp. 103-108. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

834 Yasui, K., and T. Masuda, "Solid Waste Disposal by the Purox System at the Chichibu Clean Center," First International Waste Recycling Symposium, Tokyo, Japan, November 1981. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

COMPLETE LIST OF REFERENCES

835 Masuda, T. and T. Fisher, "Purox System Demonstration Test on Simulated Japanese Refuse," in Thermal Conversion of Solid Wastes and Biomass, ACS Symp. Series 130, American Chemical Society, Washington, DC, 1980. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

836 Parkhurst, J., Report on Status of Technology in Recovery of Resources from Solid Wastes, County Sanitation Districts of Los Angeles County, CA, 1976. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

837 Edison-Coordinated Joint Regional Solid Waste Energy Recovery Project: Feasibility Investigation, Bechtel Report 77-RD-1, April 1977. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

838 Energy Recovery from Solid Waste, Vol. II, NASA Draft Report, Grant No. NGT 44-005-114, September 1974. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

839 Deglise, X. et al, unpublished information (undated). As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

840 Mark, S., "The Andco-Torrax System," Chapter 7 in Biomass Conversion Processes for Energy and Fuels, Plenum Press, New York, NY, 1981. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

841 Wilson, E.A. et al, "Andco-Torrax Pyrolysis System," Section 7 in Engineering and Economic Analysis of Waste to Energy Systems, U.S. EPA Report No. EPA-600/7-78-086, May 1978. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

842 Pyrolysis of Solid Wastes with Energy Recovery: The Baltimore Experience, panel discussion, AIChE 84th National Meeting, Atlanta, GA, February 1978. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

843 Harrison, B., and P.A. Vesilind, "The Baltimore City Pyrolysis Demonstration," in High Technology: A Failure Analysis, Ann Arbor Science, Ann Arbor, MI, 1980, pp. 35-46. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

COMPLETE LIST OF REFERENCES

844 An Evaluation of the Resource-Recovery Demonstration Project, Baltimore, MD--Executive Summary, U.S. Environmental Protection Agency Report No. SW-719, 1978. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

845 A Technical and Economic Evaluation of the Project in Baltimore, Maryland: Vol. II, III, and IV, U.S. Environmental Protection Agency Report No. SW-175c, 1979. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

846 Source Emission Tests at the Baltimore Demonstration Pyrolysis Facility, U.S. Environmental Protection Agency Report No. EPA-600/7-78-232, 1978. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

847 Wilson, E.M. et al, "Occidental Research Corporation Flash Pyrolysis System," Section 9 in Engineering and Economic Analysis of Waste to Energy Systems, U.S. EPA Report No. EPA-600/7-78-086, May 1978. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

848 Chang, P. and G. Preston, "The Occidental Flash Pyrolysis Process," Chapter 9 in Biomass Conversion Processes for Energy and Fuels, Plenum Press, New York, NY, 1981. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

849 Kagayama, M. et al, "Gasification of Solid Waste in Dual Fluidized Bed Reactors," Chapter 38 in Thermal Conversion of Solid Wastes and Biomass, ACS Symp. Series 130, American Chemical Society, Washington, DC, 1980. As Cited In: Hickman, H.L., Jr., W. D. Turner et al, Thermal Conversion Systems for Municipal Solid Waste, Noyes Data Corp., Park Ridge, NJ, 1984.

850 Kayhanian, M. et al, "Two-Stage Process Combines Anearobic and Aerobic Methods," BioCycle, March 1991.

851 Logsdon, G., "Anaerobic Composting Gains Greater Support," BioCycle, October 1990.

852 Chynoweth, D. P. et al, "Biogasification of Processed MSW," BioCycle, October 1990.

COMPLETE LIST OF REFERENCES

853 Jewell, W.J., "Future Trend in Digester Design," Proceedings of the First International Symposium on Anaerobic Digestion, Cardiff, Wales, London, Applied Science Publishers Ltd, 1979, pp 17-21. As Cited In: Kayhanian, M. et al, "Two-Stage Process Combines Anearobic and Aerobic Methods," BioCycle, March 1991.

854 Stone & Webster Engineering Corp. et al, "Waste Recycle Energy Plant Feasibility Study," Volumes I and II, Report prepared for the Prison Industry Authority, San Francisco, CA, 1990. As Cited In: Kayhanian, M. et al, "Two-Stage Process Combines Anearobic and Aerobic Methods," BioCycle, March 1991.

855 Wujcik, J.W. and W.J. Jewell, "Dry Anaerobic Fermentation," Biotechnology and Bioengineering Symposium No. 10, 1980, pp 43-65. As Cited In: Kayhanian, M. et al, "Two-Stage Process Combines Anearobic and Aerobic Methods," BioCycle, March 1991.

856 Chynoweth, D.P. et al, "Biogasification of Processed MSW," BioCycle, October 1990, pp 50-51. As Cited In: Kayhanian, M. et al, "Two-Stage Process Combines Anearobic and Aerobic Methods," BioCycle, March 1991.

857 Miller, H., "Dioxins from Combustion," Licentiate Thesis, University of Lund, 1989. As Cited In: Barrett, R.E. et al, Municipal Waste-to-Energy Technology Status, Battelle Memorial Institute Report, August 1989.

858 Martin, N., Personal communication with Penberthy Electromelt International, Inc., 1991.

859 New York State Department of Environmental Conservation, Phase 1 Resource Recovery Facility Emission Characterization Study - Overview Report, Albany, NY, May 1987. As Cited In: Binder, J.J. and D.H. Minott, "Siting a Resource Recovery Facility: Community Decision-Making, Risk Education, and Multi-Faceted Compensation," Proc: International Conference on Municipal Waste Combustion, Hollywood, FL, Minister of Supply and Services, Canada, April 1989, pp. 8B-21/8B-47.

860 Shaw, Pittman, Potts & Trowbridge, An Overview of the Clean Air Act Amendments of 1990 With Some Corporate Planning Recommendations, November 1990.

861 Alter, H. and J. Dunn, "Solid Waste Conversion to Energy, Current European and U.S. Practice," Pollution Engineering and Technology/11, Marcel Dekker, New York, NY, 1980.

862 Elliott, T.C. and Editors of Power Magazine, Standard Handbook of Powerplant Engineering, McGraw-Hill, Inc., 1989.

863 Singer, J.G. ed, Combustion Fossil Power, Fourth Edition, published by Combustion Engineering, Inc., Windsor, CT, 1991.

COMPLETE LIST OF REFERENCES

864 Babcock & Wilcox Company, Steam, Its Generation and Use, 39th Edition, The Babcock & Wilcox Company, 1978.

865 Spendlove, Max J., Reclamation, Utilization, Disposal, and Stabilization, U.S. Bureau of Mines Information Circular 8750, 1977.

868 Moats, D.F., J. Mathews and K.C. O'Brien, A Performance Update for the Columbus Project, Proceedings of the ASME National Waste Processing Conference, Philadelphia, PA, May 1988, pp. 181-189.

869 Personal communication with Daniel F. Moats, former Plant Manager, Columbus, Ohio Project, 1991.

870 Hill, R.H., "Three Types of Low Speed Shredder Design," Proceedings of the ASME National Waste Processing Conference, Denver, CO, June 1986, p. 265.

871 wTe Corporation, Shear Shredder Demonstration, Final Report for New York State Energy Research and Development Authority 87-34, Vols I and II, May 1987.

872 Spencer, D.B. et al, "Large-Scale Rotary Shear Shredder Performance Testing," Proceedings of the ASME National Waste Processing Conference, Orlando, Florida, June 1984.

873 Stevenson, E.M, T.T. Semler and J.A. Goldsberry, "An Evaluation of Densification Technologies," EG&G Idaho, Inc. Informal Report EGG-EA-6775, prepared for U.S. DOE under DOE Contract No. DE-AC07-76ID01570, June 1985.

874 Raytheon Service Company, "d-RDF Feasibility Study," Draft Final Report to the New York State Energy Research and Development Authority, 1985.

875 "Producing and Burning d-RDF," Technology Review, January 1981.

876 Barton, J.R., "Byker Plant Operation: Test Report No. 2, December 1984," Warren Spring Laboratory, UK, February 1985.

877 Barton, J.R., "Developments in Centralised Treatment Plant for Materials and Energy Recovery," paper presented at IWM Symposium on Progress in Research and Developments into Re-use and Recycling of Wastes, London, November 1987.

878 Barton, J.R. and A.J. Poll, "Doncaster Plant Operation: Test Report No. 2, October 1985," Warren Spring Laboratory, U.K., November 1985.

879 Messman, H.C. and T.E. Tibbetts, eds., "Elements of Briquetting and Agglomeration," Institute for Briquetting and Agglomeration, International Briquetting Association, 1977.

COMPLETE LIST OF REFERENCES

880 Dougherty, K.E., "Determining Acid Gases, Trace Metals and Organics From Cofiring dRDF/Coal Blends," U.S. DOE Project Reports, 1988.

881 Muehlberg, P.E., "Assessment of Economic Viability of the d-RDF System Concept," Dow Chemical U.S.A. Draft Report, prepared for the U.S. EPA Under Contract No. 68-03-2568, 1988.

882 Campbell, J., M.L. Renard, and E.J. Winter, "Densification of Refuse-Derived Fuels: Preparation, Properties and Systems for Small Communities," Project Summary, U.S. EPA Report No. EPA-600S2-81-188, October 1981.

883 Stanczyk, M.H. and R.S. DeCesare, Resource Recovery from Municipal Solid Waste, U.S. Dept. of Interior, Bureau of Mines Bulletin 683, 1985, 31 pp.

884 Gorman, P.G. et al, St. Louis Demonstration Final Report: Power Plant Equipment, Facilities, and Environmental Evaluations, U.S. Environmental Protection Agency Report EPA-600/2-77-155b, December 1977.

885 Campbell, J. and M. Renard, Preparation and Properties of Densified Refuse-Derived Fuels, National Center for Resource Recovery Draft Final Report to U.S. Environmental Protection Agency, Grant No. 804150, 1981.

886 Personal Communication With M. Bruner, Solid Waste Authority of Palm Beach, 24 October 1991.

887 Kiser, J.V., "...The Rest of the Story is Good!," Waste Age, November 1989, 5 p.

888 Savage, G.M., J.C. Glaub and L.F. Diaz, "Models of Unit Operations Used for Solid-Waste Processing," Argonne National Laboratory ANL/CNSV-TM-152.

889 Kieth, T. et al, "Resource Recovery in Palm Beach," Proceedings of the International Conference on Municipal Waste Combustion, Environment Canada, Ottawa, Canada,

890 Kilgroe, J. D., T. G. Brna, A. Finkelstein, and R. Klicius, "Control of PCDD/PCDF Emissions from Refuse-Derived Fuel Combustors," Hemisphere, Volume 20, Nos. 10-12, 1990, pp. 1809-1815.

891 Kilgroe, J. D., and A. Finkelstein, "Combustion Characterization of RDF Incinerator Technology: A Joint Environment Canada - U. S. EPA Project," First International Municipal Waste Combustion Conference, Hollywood, FL, 1989.

892 Brna, T. G., J. D. Kilgroe, and A. Finkelstein, "The Joint EC/EPA Mid-Connecticut Test Program: A Summary," Second International Municipal Waste Combustion Conference, Tampa, FL, 1991.

COMPLETE LIST OF REFERENCES

893 Personal Communication With Dr. Marc Bruner, Director Of Environmental Programs, West Palm Beach Authority, Fl, 24 October 1991.

894 Massachusetts Industrial Finance Agency, Preliminary Official Statement for Resource Recovery Revenue Bonds (SEMASS Project), 9 August 1991.

895 Connecticut Resources Recovery Authority, Official Statement Supplement for Mid-Connecticut System Bonds, 20 December 1985.

896 Boley, G.L., Startup and Operations of the Mid-Connecticut Resource Recovery Project, Supplement - Discussions, Proceedings of the ASME National Waste Processing Conference, Long Beach, CA, June 1990.

897 Ujihara, A.M. and M. Gough, Managing Ash from Municipal Waste Incinerators - A Report. Center for Risk Management, Resources for the Future, Washington, DC, November 1989.

898 Rogoff, M.J., The Ash Debate: States Provide Solutions, Solid Waste & Power, October 1991, pp. 12-18.

899 Opinion of the United States Court of Appeals for the Seventh Circuit, Case No. 90-3060, Environmental Defense Fund, Inc., et al versus the City of Chicago, et al. Decided 19 November 1991.

900 MSW Ash Decision Reversed in Chicago, J. Air and Waste Management Association, January 1992.

901 Toxicity Characteristics Revisions; Final Rule. Federal Register, 40 CFR Part 261, Thursday, 29 March 1990.

902 U.S. Patent No. 4,022,630, Portland Cement-Making and Municipal Refuse Conversion (Direct Co-Firing), 10 May 1977.

903 U.S. Patent No. 4,081,285, Portland Cement Manufacture (Indirect Co-Firing), 28 March 1978.

904 Delaware Solid Waste Authority, Annual Report 1991.

905 Personal Communication Between David V. Bubenick of wTe and Eletha-Brady Roberts of the Environmental Criteria Assessment Office, U.S. EPA, Cincinnati, OH, 20 March 1992.

906 Solid Waste Association of North America, Request for Proposals to Provide Consulting Services to Analyze and Evaluate Materials Processing Facilities for Recycling Operations, prepared for the U.S. EPA MITE Program, 17 March 1992.

907 "Stench Shuts Riedel's MSW Composting Plant in Oregon," Recycling Times, Vol 4, No. 5, 10 March 1992.

COMPLETE LIST OF REFERENCES

908 U.S. Environmental Protection Agency, Criteria for Municipal Solid Waste Landfills; Final Rule. Federal Register, 40 CFR Part 258. 9 October 1991.

909 U.S. Environmental Protection Agency, Standards of Performance for New Stationary Sources and Guidelines for Control of Existing Sources: Municipal Solid Waste Landfills; Proposed Rule, Guideline and Notice of Public Hearing, Federal Register, 40 CFR Parts 51, 52 and 60. 30 May 1991.

910 Thorneloe, S., Status of U.S. Research on Landfill Gas Production, in: Landfill Gas Enhancement Test Cell Data. Final Report of the Landfill Gas Expert Working Group; T.S. Larson, D.J. Campbell, A. Lagerkvist and J.E. Meijer. International Energy Agency Report AEA-EE-0286. 1991.

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