

VIII. REFERENCES

1. Summary Plant Observation Report and Evaluation. McLean, VA, JRB Associates, Inc, June 1979, 175 pp (submitted to NIOSH under Contract No. 210-78-0017)
2. Assessment of Technology for the Liquefaction of Coal, Publication No. FE/1216-3. US Dept of Energy, 1977, 153 pp (NTIS FE/1216-3)
3. Howard-Smith I, Werner GJ: Coal Conversion Technology. Park Ridge, NJ, Noyes Data Corporation, 1976, 133 pp
4. Sexton RJ: The hazards to health in the hydrogenation of coal--IV. The control program and the clinical effects. Arch Environ Health 1:208-31, 1960
5. Hueper WC: Experimental carcinogenic studies on hydrogenated coal oils--I. Bergius oils. Ind Med Surg 25:51-55, 1956
6. Hueper WC: Experimental carcinogenic studies on hydrogenated coal oils--II. Fischer-Tropsch oils. Ind Med Surg 25:459-62, 1956
7. Weil CS, Condra NI: The hazards to health in the hydrogenation of coal--II. Carcinogenic effect of materials on the skin of mice. Arch Environ Health 1:21/187-27/193, 1960
8. Hueper WC: Experimental studies on cancerigenesis (sic) of synthetic liquid fuels and petroleum substitutes. Ind Hyg Occup Med 8:307-27, 1953
9. Holland JM, Rahn RO, Smith LH, Clark BR, Change SS, Stephens TJ: Skin carcinogenicity of synthetic and natural petroleums. J Occup Med 21:614-18, 1979
10. Kubota H, Griest WH, Guerin MR: Determination of carcinogens in tobacco smoke and coal-derived samples--Trace polynuclear aromatic hydrocarbons, in Hemphill DD (ed.): Trace Substances in Environmental Health--IX. 1975--A Symposium. Columbia, MO, University of Missouri, 1975, pp 281-89
11. Schowalter KA, Petras EF: Aromatic chemicals from coal, in Coal Processing Technology. New York, American Institute of Chemical Engineers, 1975, vol 2, pp 109-13
12. Parker CL, Dykstra DI (eds.): Environmental Assessment Data Base for Coal Liquefaction Technology--Volume II. Synthoil, H-Coal, and Exxon Donor Solvent Processes, Publication No. EPA-600 7-78-184b. Research Triangle Park, NC, Industrial Environmental Research Laboratory, Office of Energy, Minerals, and Industry, 1978, 446 pp

13. Tanita RK, Evans JM: Industrial hygiene characterization of two coal liquefaction pilot plants, presented at the Second Annual NIOSH Scientific Symposium, Washington, DC, Oct 1979, 21 pp (unpublished)
14. Andrew FD, Mahlum DD: Developmental toxicity of SRC-related hydrocarbons, in Pacific Northwest Laboratory Annual Report for 1978 to the DOE Assistant Secretary for Environment--Part I. Biomedical Sciences, PNL-2850. Richland, WA, Battelle Pacific Northwest Laboratories, 1979, pp 1.35 to 1.37
15. Andrew FD, Mahlum DD, Clary AJ, Egbert BL, Hess JO, Montgomery LF, Music RL, Poston KA: Solvent-refined coal biostudies, in Appendix to Biomedical Studies on Solvent-Refined Coal (SRC-II) Liquefaction Materials--A Status Report, Publication No. PNL-3189. US Dept of Energy, 1979, 8 pp (NTIS PNL-3189)
16. Criteria for a Recommended Standard--Occupational Exposures in Coal Gasification Plants, DHEW (NIOSH) Publication No. 78-191. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978, 195 pp
17. Criteria for a Recommended Standard--Occupational Exposure to Coal Tar Products, DHEW (NIOSH) Publication No. 78-107. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 189 pp
18. Criteria for a Recommended Standard--Occupational Exposure to Coke Oven Emissions, Publication No. HSM 73-11016. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute for Occupational Safety and Health, 1973, 52 pp
19. Braunstein HM, Copenhaver ED, Pfuderer HA (eds.): Environmental, Health, and Control Aspects of Coal Conversion--An Information Overview. Oak Ridge, TN, Oak Ridge National Laboratory, Information Center Complex, Information Division, 1977, vol 1, 489 pp
20. Environmental Development Plan (EDP)--Coal Liquefaction FY 1977, Publication No. DOE/EDP-0012. US Dept of Energy, 1978, 101 pp (NTIS DOE/EDP-0012)
21. Plant Observation Report and Evaluation--South African Coal, Oil, and Gas Corporation, Ltd (SASOL). Rockville, MD, Enviro Control, Inc, Dec 1977, 24 pp (submitted to NIOSH under Contract No. 210-76-0171)

22. Hoogendoorn JC: New applications of the Fischer-Tropsch process, presented at Clean Fuels from Coal Symposium II, Chicago, Illinois, June 1975, pp 343-58 (unpublished)
23. Rothberg P: Synthetic Fuels from Coal--Gasification and Liquefaction Processes, Issue Brief No. IB-77105. Library of Congress, Congressional Research Service, 1978, p CRS-6
24. Synthetic Fuels from Coal--Status and Outlook of Coal Gasification and Liquefaction, Publication No. 96-17. US Senate, Committee on Energy and Natural Resources, 1979, 196 pp
25. Budget in Brief, 1981, Publication No. DOE/CR-0012. US Dept of Energy, 1980, 86 pp
26. Jackson DM, Schmid BK: Commercial scale development of the SRC-II process, presented at the Fifth Annual International Conference on Coal Gasification, Liquefaction, and Conversion to Electricity, Pittsburgh, Aug 1-3, 1978, 21 pp (unpublished)
27. Luntz DM, Buckingham PA, Kimmel S, Cochran N, Garrett D: Gasoline from coal--CSF donor solvent process can use existing technology to obtain an overall thermal efficiency from clean coal to finished products of 64%. Chem Eng Prog 73:49-54, 1977
28. Adams RM, Knebel AH, Rhodes DE: Critical solvents de-ashing of liquefied coal. Chem Eng Prog 75:44-48, 1979
29. Peluso M, Ogren DF, Lummus CE, Bloomfield NJ: Antisolvent de-ashing. Chem Eng Prog 75:41-43, 1979
30. Cochran NP: Oil and gas from coal. Sci Am 234:24-28, 1976
31. Koralek CS, Patel SS: Environmental Assessment Data Base for Coal Liquefaction Technology--Volume I. Systems for 14 Liquefaction Processes, Publication No. EPA-600/7-78-184a. US Environmental Protection Agency, Office of Research and Development, Environmental Research Information Center, 1978, 188 pp
32. Mueller JJ, Liu KT, Peterson JH, McCoy LG, Schorr JR, Wright IG: Application of Advanced Materials and Fabrication Technology to Let-Down Valves for Coal Liquefaction Systems, Publication No. EPRI-AF-305. Palo Alto, CA, Electric Power Research Institute, 1977, 183 pp (NTIS EPRI-AF-305)
33. O'Hara JB, Lochmann WJ, Jentz NE: Coal liquefaction--Materials systems design, presented at the American Society for Metals Symposium on Materials for Coal Conversion Systems Design, Pittsburgh, April 26, 1976, 36 pp (unpublished)

34. Environmental Assessment of Coal Liquefaction--Annual Report, Publication No. EPA-600/7-78-019. US Environmental Protection Agency, Office of Research and Development, 1978, 173 pp (NTIS PB-278-333)
35. Pickel TW: Review of Coal Conversion Technology. Oak Ridge, TN, Oak Ridge National Laboratory, 1975, 13 pp (NTIS CONF-751035-1)
36. Harris LR, Gideon JA, Berardinelli S, Reed LD, Dobbin RD, Telesca DR, Tanita RK: Coal Liquefaction--Recent Findings in Occupational Safety and Health, DHEW (NIOSH) Publication No. 80-122. Cincinnati, US Dept Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1980, 19 pp
37. Ketcham NH, Norton W: The hazards to health in the hydrogenation of coal--III. The industrial hygiene studies. Arch Environ Health 1:194-207, 1960
38. Solvent-Refined Coal (SRC) Process--Health Programs, Research and Development Report No. 53, Interim Report No. 24--Volume III. Pilot Plant Development Work, Part 4. Industrial Hygiene, Clinical and Toxicological Programs for the Period January 1, 1974 through June 30, 1977, Publication No. FE 496-T15. US Dept of Energy, Division of Coal Conversion and Utilization, 1978, 73 pp (NTIS FE 496-T15)
39. Solvent-Refined Coal (SRC) Process--Health Programs, Research and Development Report No. 53, Interim Report No. 28--Volume III. Pilot Plant Development Work, Part 4. Industrial Hygiene, Clinical, and Toxicological Programs for the Period July 1, 1977 through June 30, 1978, Publication No. FE/496-T19. US Dept of Energy, Division of Coal Conversion and Utilization, 1979, 97 pp (NTIS FE/496-T19)
40. Shults WD: Preliminary Results--Chemical and Biological Examination of Coal Derived Materials. Oak Ridge, TN, Oak Ridge National Laboratory, 1976, 46 pp (ORNL/NSF/EATC-18)
41. Teranishi K, Hamada K, Watanabe H: Quantitative relationships between carcinogenicity and mutagenicity of polyaromatic hydrocarbons in Salmonella typhimurium mutants. Mutat Res 31:97-102, 1975
42. Rubin IB, Guerin MR, Hardigree AA, Epler JL: Fractionation of synthetic crude oils from coal for biological testing. Environ Res 12:358-65, 1976
43. Epler JL, Larimer FW, Nix CE, Ho T, Rao TK: Comparative mutagenesis of test materials from the synthetic fuel technologies, in Scott D, Bridges BA, Sobels FH (eds.): Progress in Genetic Toxicology. Amsterdam, Elsevier/North-Holland Biomedical Press, 1977, pp 275-82

44. Epler JL, Young JA, Hardigree AA, Rao TK, Guerin MR, Rubin IB, Ho CH, Clark BR: Analytical and biological analyses of test materials from the synthetic fuel technologies--I. Mutagenicity of crude oils determined by the Salmonella typhimurium/microsomal activation system. Mutat Res 57:265-76, 1978
45. Rao TK, Young JA, Hardigree AA, Winton W, Epler JL: Analytical and biological analyses of test materials from the synthetic fuel technologies--II. Extended genetic and biochemical studies with mutagenic fractions. Accepted for publication in Mutat Res
46. MacFarland HN: Toxicological studies on solvent refined coal materials, presented at the 10th Inter-American Conference on Toxicology and Occupational Medicine, Miami, Oct 23, 1978, 14 pp (unpublished)
47. Mahlum DD, Andrew FD: Oral toxicity of solvent-refined coal-related hydrocarbons, in Pacific Northwest Laboratory Annual Report for 1978 to the DOE Assistant Secretary for Environment--Part I. Biomedical Sciences, PNL-2850. Richland, WA, Battelle Pacific Northwest Laboratories, 1979, pp 1.38 to 1.39
48. Biomedical Studies on Solvent Refined Coal (SRC-II) Liquefaction Materials--A Status Report, PNL-3189. Richland, WA, Battelle Pacific Northwest Laboratory, 1979, 54 pp
49. Loscutoff SM, Schirmer RE, Killand BW: Pulmonary function evaluation of light oil from solvent-refined coal process, in Pacific Northwest Laboratory Annual Report for 1978 to the DOE Assistant Secretary for Environment--Part I. Biomedical Sciences, PNL-2850. Richland, WA, Battelle Pacific Northwest Laboratories, 1979, pp 1.40 to 1.42
50. Delroy RA, Cresto JT, Peterson MR: Mutagenic characterization of synthetic fuel materials by the Ames/Salmonella assay system, in Appendix to Biomedical Studies on Solvent-Refined Coal (SRC-II) Liquefaction Materials--A Status Report, Publication No. PNL-3189. US Dept of Energy, 1979, 68 pp (NTIS PNL-3189)
51. Renne RA, Smith LG, Mahlum DD, Holloway BJ, Brasel KG, DeBattista EC: Epidermal carcinogenesis studies in mice of materials from several fossil fuel technologies, in Appendix to Biomedical Studies on Solvent Refined Coal (SRC-II) Liquefaction Materials--A Status Report, Publication No. PNL-3189. US Dept of Energy, 1979, 6 pp (NTIS PNL-3189)
52. Oral toxicity of solvent-refined coal-related hydrocarbons, in Appendix to Biomedical Studies on Solvent Refined Coal (SRC-II) Liquefaction Materials--A Status Report, Publication No. PNL-3189. US Dept of Energy, 1979, 7 pp (NTIS PNL-3189)

53. Palmer A: Quick Response Evaluation of Energy Related Occupational Safety and Health Programs--Task Order 1. Mortality Study of 50 Workers Exposed to Coal Liquefaction Processes at a Union Carbide Plant, Institute, West Virginia. Menlo Park, CA, SRI International, 1977, 8 pp (submitted to NIOSH under Contract No. 210-77-0031)
54. Bauman RF: Exxon Research and Engineering Company, Baytown Research and Development Division, Coal Conversion Hygiene Program, presented at the Advisory Workshop on Carcinogenic Effects of Coal Conversion, September 26-28, 1978 (unpublished)
55. Kronseder JG: Sasol II--South Africa's oil-from-coal plant. Hydrocarbon Process 55:56-F,56-G,56-GG,56-HH,56-JJ,56-LL,56-M,56-NN, 1976
56. Criteria for a Recommended Standard--Occupational Exposure to Carbon Black, DHEW (NIOSH) Publication No. 78-204. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978, 99 pp
57. Coal Liquefaction--Quarterly Report, January-March 1977, Publication No. DOE/ET-0026/1. US Dept of Energy, Division of Coal Conversion, 1977, 72 pp
58. Criteria for a Recommended Standard--Occupational Exposure to Carbon Monoxide, Publication No. HSM 73-11000. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute for Occupational Safety and Health, 1972, 115 pp
59. Bolton NE: ORNL Respirator Program--A Programmatic Description. Oak Ridge, TN, Oak Ridge National Laboratory, 1974, 91 pp
60. Criteria for a Recommended Standard--Occupational Exposure to Ammonia, HEW Publication No. (NIOSH) 74-136. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1974, 107 pp
61. Criteria for a Recommended Standard--Occupational Exposure to Phenol, HEW Publication No. (NIOSH) 76-196. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 167 pp
62. Energy Security Act, June 1980, 96th Congress, 2d. Session, Report No. 96-1104, pp 6-7

63. Synthetic Fuels and the Environment--An Environmental and Regulatory Impacts Analysis, Publication No. DOE/EV-0087. US Dept of Energy, Office of Technology Impacts, 1980, pp 5-147 to 5-148
64. Pellizzari ED: Identification of Components of Energy-Related Wastes and Effluents--Interagency Energy-Environment Research and Development Program Report, Publication No. EPA-600/7-78-004. US Environmental Protection Agency, Office of Research and Development, 1978, 500 pp (NTIS PB-280-203)
65. Criteria for a Recommended Standard--Occupational Exposure to Hydrogen Sulfide, DHEW (NIOSH) Publication No. 77-158. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 149 pp
66. Criteria for a Recommended Standard--Occupational Exposure to Hydrogen Cyanide and Cyanide Salts, DHEW (NIOSH) Publication No. 77-108. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 191 pp
67. Summary of Occupational Injuries and Illnesses in the Petroleum Industry--As Reported to the American Petroleum Institute, Covering Operations Subject to OSHA Recordkeeping Requirements Only for 1977. Washington, DC, American Petroleum Institute, 1978, pp 1-19
68. Chartbook on Occupational Injuries and Illnesses in 1979, Report No. 535. US Dept of Labor, Bureau of Labor Statistics, 1978, 43 pp
69. Katalinas JA: OSHA Fatality Attribute Frequencies by Industry, May 1974-April 1978 (48 months). US Dept of Labor, Occupational Safety and Health Administration, Office of Management Data Systems, 1978, 278 pp (printout)
70. Coles ET: Coalcon's hydrocarbonization technology, presented at the 82nd National AIChE Meeting, Atlantic City, NJ, Aug 29-Sept 1, 1976, 36 pp (unpublished)
71. Dorn HF, Cutler SJ: Morbidity from Cancer in the United States, Public Health Monograph No. 56. US Dept of Health, Education, and Welfare, Public Health Service, 1958
72. Eckarkt RE: Industrial Carcinogens. New York, Grune and Stratton, Inc, 1959
73. Fraumeni JF Jr (ed.): Persons at High Risk of Cancer--An Approach to Cancer Etiology and Control. New York, Academic Press, Inc, 1975

74. Schottenfeld D (ed.): Cancer Epidemiology and Prevention--Current Concepts. Springfield, IL, Charles C. Thomas Publishers, 1975
75. Moxley CR, Schmalzer DK: Environmental assessment of SRC-II--An update, presented at the Symposium on Environmental Aspects of Fuel Conversion Technology, EPA Industrial Environmental Research Laboratory, Hollywood, FL, April 17-20, 1979, 15 pp (unpublished)
76. Criteria for a Recommended Standard--Occupational Exposure to Asphalt Fumes, DHEW (NIOSH) Publication No. 78-106. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 143 pp
77. Frazier ME, Peterson MR, Hooper MJ, Andrews TK, Thompson BB: Use of cell cultures in evaluation of solvent refined coal (SRC) and shale oil (SO) materials, in Pacific Northwest Laboratory Annual Report for 1978 to the DOE Assistant Secretary for Environment--Part I. Biomedical Sciences, PNL-2850. Richland, WA, Battelle Pacific Northwest Laboratories, 1979, pp 1.43 to 1.44
78. Frazier ME, Peterson MR, Hooper MJ, Andrews TK Jr, Thompson BB: Use of cell cultures in evaluation of solvent refined coal (SRC) and shale oil (SO) materials, in Appendix to Biomedical Studies on Solvent Refined Coal (SRC-II) Liquefaction Materials--A Status Report, Publication No. PNL-3189. US Department of Energy, 1979, 10 pp (NTIS PNL-3189)
79. Burton FG, Schirmer RE: Dosimetric and metabolic studies with solvent refined coal (SRC), in Pacific Northwest Laboratory Annual Report for 1978 to the DOE Assistant Secretary for Environment--Part I. Biomedical Sciences, PNL-2850. Richland, WA, Battelle Pacific Northwest Laboratories, 1979, pp 1.45 to 1.47
80. Burton FG, Schirmer RE: Dosimetric and metabolic studies with solvent refined coal (SRC), in Appendix to Biomedical Studies on Solvent Refined Coal (SRC-II) Liquefaction Materials--A Status Report, Publication No. PNL-3189. US Department of Energy, 1979, 9 pp (NTIS PNL-3189)
81. Holland JM, Whitaker MS, Wesley JW: Correlation of fluorescence intensity and carcinogenic potency of synthetic and natural petroleum in mouse skin. Am Ind Hyg Assoc J 40:496-503, 1979
82. Cocks RE, Rogerson JE: Organizing a process safety program. Chem Eng 85:138-46, 1978
83. Di Meo M: Explosion at Flixborough. Fire J:58-67, Nov 1975

84. Closeup on a \$2 million fire. Occup Hazards:72-76, Mar 1974
85. Crosetti PA, Bruce RA: Commercial application of fault tree analysis, 9th Reliability and Maintainability Conference, Society of Automotive Engineers, SAE Paper No. 700603 (P-32), Detroit, MI, July 20-22, 1970, vol 9, pp 230-44
86. Wilson AL: Interim Report--Safety Assurance Study of High BTU Coal Gasification Pilot Plants, Publication No. FE-2240-8. US Energy Research and Development Administration, 1976, 191 pp
87. Edwards RG, Broderson AB, Hauser WP: Final Report--Social, Economic, and Environmental Impacts of Coal Gasification and Liquefaction Plants. Lexington, KY, Institute for Mining and Mineral Research, 1976, 270 pp (NTIS PB-253-747)
88. Development of a Process for Producing an Ashless Low-Sulfur Fuel from Coal--Volume III. Pilot Plant Development Work, Part 3. Start-up and Operation of the SRC Pilot Plant, Publication No. FE 496-T13. US Energy Research and Development Administration, 1977, 470 pp (NTIS FE 496-T13)
89. Engler R: Oil Refinery Health and Safety Hazards--Their Causes and the Struggle to End Them. Philadelphia, Philadelphia Area Project on Occupational Safety and Health, 1975, 50 pp
90. Industrial Hygiene Monitoring Manual for Petroleum Refineries and Selected Petrochemical Operations. Washington, DC, American Petroleum Institute, (no date), 130 pp
91. Danielson JA: Air Pollution Engineering Manual, ed 2, Publication No. AP-40. Research Triangle Park, NC, US Environmental Protection Agency, 1973, 987 pp
92. Jahnig CE: Evaluation of Pollution Control in Fossil Fuel Conversion Processes, Liquefaction--Section 2. SRC Process, Publication No. EPA-650/2-74-009-f. US Environmental Protection Agency, Office of Research and Development, 1975, 88 pp (NTIS PB-241-792)
93. Hong W, Richards J: Overview of material problems in coal liquefaction pilot plant, presented at the National Association of Chemical Engineers National Meeting, Houston, March 26, 1976, 10 pp (unpublished)
94. Chapel DG: Initial operation at the Cresap Test Facility, presented at the Fifth Annual International Conference on Coal Gasification, Liquefaction, and Conversion to Electricity, Pittsburgh, Aug 1-3, 1978, 10 pp (unpublished)

95. Solvent Refined Coal (SRC) Process--Quarterly Technical Progress Report for the Period July 1, 1977-September 30, 1977, Publication No. FE 496-143. US Dept of Energy, Division of Coal Conversion and Utilization, 1978, 122 pp (NTIS FE 496-143)
96. O'Hara JB, Lochmann WJ, Jentz NE: Materials challenges of coal liquefaction. Chem Eng 84:147-54, 1977
97. Pipe System Erosion and Hydraulics Analysis at the Cresap Pilot Plant, Publication No. FE-1517-32. US Energy Research and Development Administration, 1976, 8 pp
98. Leterle JF: Consol pilot plant materials problems, in Shives TR, Willard WA (eds.): Proceedings of the 24th Meeting of the Mechanical Failures Prevention Group, Columbus, Ohio, April 21-23, 1976. Natl Bur Stand US Spec Publ 468:202-04, 1977
99. Edmonds DP, Canonico DA, Leslie BC: Failure Analysis of Pressure Letdown Valve from the Synthoil Process Development Unit, Publication No. ORNL/TM-5742. Oak Ridge, TN, Oak Ridge National Laboratory, 1977, 18 pp (NTIS ORNL/TM-5742)
100. Samuels LG: The SRC plant, in Shives TR, Willard WA (eds.): MFPG Prevention of Failures in Coal Conversion Systems--Proceedings of the 24th Meeting of the Mechanical Failures Prevention Group, Columbus, Ohio, April 21-23, 1976, NBS Publication No. 468. US Dept of Commerce, National Bureau of Standards, 1977, pp 192-94
101. Tedford CE: Evaluation of Flow Measuring and Control Valve Applications for Coal Liquefaction Process Streams for Cresap Testing, Publication No. FE-1517-34. US Energy Research and Development Administration, 1976, pp 1-1 to 7-6 (NTIS FE-1517-34)
102. Coal Technology Program Quarterly Progress Report for the Period Ending December 31, 1976, Publication No. ORNL-5252. Oak Ridge, TN, Oak Ridge National Laboratory, 1977, 204 pp
103. Coal Technology Program--Progress Report for February 1977, Publication No. ORNL/TM-5858. Oak Ridge, TN, Oak Ridge National Laboratory, 1977, 41 pp (NTIS ORNL/TM-5858)
104. Criteria for a Recommended Standard--Occupational Exposure to Noise, Publication No. HSM 73-11001. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute for Occupational Safety and Health, 1972, 96 pp

105. O'Hara JB, Hervey GH: Cresap Test Center Inspection and Acceptance Services, R and D Report No. 82, Interim Report No. 8, Publication No. FE-1234-8. US Dept of Energy, 1977, pp 1-1 to A8-5 (NTIS FE-1234-8)
106. Cochran HD, Crowley WK: Draft Safety Analysis Report--Bench Scale Hydrocarbonization Experiment, Building 2528. Oak Ridge, TN, Oak Ridge National Laboratory, 1976, 91 pp (unpublished)
107. Brief RS, Lynch J: Industrial hygiene engineering in the petrochemical industry. Am Ind Hyg Assoc J 39:620-25, 1978
108. Development of a Process for Producing an Ashless, Low-Sulfur Fuel from Coal--Volume III. Pilot Plant Development Work, Part 2. Construction of Pilot Plant, Publication No. FE 496-T2. US Energy Research and Development Administration, 1975, 150 pp (NTIS FE 496-T2)
109. Dorsett HG Jr: Dust explosions in buildings, in Baumeister T (ed.): Standard Handbook for Mechanical Engineers, ed 7. New York, McGraw-Hill, 1967, pp 7-38 to 7-43
110. Davis JC, Cavaseno V, Greene RW: Coal technology reigns at AIChE gathering. Chem Eng 86:46-50, 1979
111. Panel discussions, in Shives TR, Willard WA (eds.): Proceedings of the 24th Meeting of the Mechanical Failures Prevention Group, Columbus, Ohio, April 22-23, 1976. Natl Bur Stand US Spec Publ 468:207-22, 1977
112. Operational Safety Practices for Coal Gasification Plant--Rapid City, South Dakota. Denver, Stearns-Roger, 1972, 44 pp
113. Safety Rules for LCDC Employees--NIOSH Meeting, January 14, 1977. Cresap, WV, Liquefied Coal Development Corp, 1977, 21 pp
114. The Handling of Known or Suspected Carcinogens--Safety Practices Bulletin No. 16. Pittsburgh, Pittsburgh Energy Research Center, 1976, 3 pp
115. Cheng RT: Industrial hygiene program and experience for a fifty ton per day solvent-refined coal pilot plant, in Gammage RB (comp): Proceedings of the Second ORNL Workshop on Exposure to Polynuclear Aromatic Hydrocarbons in Coal Conversion Processes--I. Medical Surveillance, II. Industrial Experiences, Personnel Protection, and Monitoring, Publication No. CONF-770361. Oak Ridge, TN, Oak Ridge National Laboratory, 1977, pp 39-45

116. SRC Health Protection Manual. Tacoma, WA, Pittsburg and Midway Coal Mining Co, 1978, 29 pp
117. Douglas DD: Testimony at Hearing on the Proposed Regulations of the United States Occupational Safety and Health Administration for Identification, Classification and Regulation of Toxic Substances Posing a Potential Occupational Carcinogenic Risk to Humans, before the US Dept of Labor, Occupational Safety and Health Administration, OSHA Docket No. 090, Exhibit 18, April 4, 1978, 14 pp
118. Held BJ: Testimony at Hearing on the Proposed Regulations of the United States Occupational Safety and Health Administration for Identification, Classification and Regulation of Toxic Substances Posing a Potential Occupational Carcinogenic Risk to Humans, before the US Dept of Labor, Occupational Safety and Health Administration, OSHA Docket No. 090, Exhibit 19, April 4, 1978, 13 pp
119. Pritchard JA: A Guide to Industrial Respiratory Protection, HEW Publication No. (NIOSH) 76-189. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 150 pp
120. American National Standard Practices for Respiratory Protection, ANSI Z88.2-1969. New York, American National Standards Institute, Inc, 1969, 31 pp
121. Pittsburgh Energy Research Center Respirator Program--Safety Practices Bulletin No. 23D, Personal Protective Equipment. Pittsburgh, Pittsburgh Energy Research Center, (no date), 17 pp
122. Sansone EB, Tewari YB: Penetration of protective clothing materials by 1,2-dibromo-3-chloropropane, ethylene dibromide, and acrylonitrile. Am Ind Hyg J 39:921-22, 1978
123. Sansone EB, Tewari YB: The permeability of laboratory gloves to selected nitrosamines, in Environmental Aspects of N-Nitroso Compounds. Frederick, MD, Frederick Cancer Research Center, 1978, pp 517-29
124. Coletta GC, Schwoppe AD, Arons IJ, King JW, Sivak A: Development of Performance Criteria for Protective Clothing Used Against Carcinogenic Liquids. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 151 pp
125. Helms PA: Textile safety assurance. Haz Prevent:18-22, Mar-Apr, 1979

126. Vandergrift EF: Protective Clothing for PDU Operations, WESO-PDU-527. Waltz Mill, PA, Westinghouse Electric Corporation, 1975, 2 pp (unpublished)
127. Criteria for a Recommended Standard--Occupational Exposure to Cresol, DHEW (NIOSH) Publication No. 78-133. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978, 117 pp
128. Criteria for a Recommended Standard--Occupational Exposure to Carbon Disulfide, DHEW (NIOSH) Publication No. 77-156. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 186 pp
129. Criteria for a Recommended Standard--Occupational Exposure to Crystalline Silica, HEW Publication No. (NIOSH) 75-120. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1974, 121 pp
130. Criteria for a Recommended Standard--Occupational Exposure to Refined Petroleum Solvents, DHEW (NIOSH) Publication No. 77-192. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 247 pp
131. Criteria for a Recommended Standard--Occupational Exposure to Sulfur Dioxide, HEW Publication No. (NIOSH) 74-111. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1974, 112 pp
132. Revised Recommendation for an Occupational Exposure Standard for Benzene. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 7 pp
133. Revised Recommendation for an Occupational Exposure Standard for Inorganic Lead, DHEW (NIOSH) Publication No. 78-158. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978, 205 pp
134. Leidel NA, Busch KA, Lynch JR: Occupational Exposure Sampling Strategy Manual, DHEW (NIOSH) Publication No. 77-173. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 131 pp

135. White O: Working Group on Assessing Industrial Hygiene Monitoring Needs for the Coal Conversion Oil' Shale Industries. Upton, NY, Associated Universities, Inc, Brookhaven National Laboratory, 1978, 8 pp
136. Schulte KA, Larsen DJ, Hornung RW, Crable JV: Analytical methods used in a study of coke oven effluent. Am Ind Hyg Assoc J 36:131-39, 1975
137. Krause C: Coal conversion--Sorting out the health and environmental impacts. Oak Ridge Natl Lab Rev 10:1-20, 1977
138. Venable FS, Wilkening GM: Revised criteria for recording exposures to high boiling aromatic oils. Med Bull 18:336-48, 1958
139. Industrial Hygiene Procedure--Polynuclear Aromatic Hydrocarbons. Oak Ridge, TN, Oak Ridge National Laboratory, 1976, 8 pp
140. Jackson JO: Industrial hygiene program and experiences with small-scale coal-conversion pilot plants, in Gammage RB (comp): Proceedings of the Second ORNL Workshop on Exposure to Polynuclear Aromatic Hydrocarbons in Coal Conversion Processes--I. Medical Surveillance, II. Industrial Experiences, Personnel Protection, and Monitoring, Publication No. CONF-770361. Oak Ridge, TN, Oak Ridge National Laboratory, 1977, pp 31-37
141. Kerr PS: Recording occupational health data for future analysis. J Occup Med 20:197-203, 1978
142. Ott MG, Hoyle HR, Langner RR, Scharnweber HC: Linking industrial hygiene and health records. Am Ind Hyg Assoc J 36:760-66, 1975
143. Medical records--Headache for industry. Chem Week:33-34, Oct 1977
144. Emergency Plan, Waltz Mill Site, Energy Systems Operation, WESO-P-103. Waltz Mill, PA, Westinghouse Electric Corporation, 1975, 24 pp (unpublished)
145. Operational Safety Practices for Bi-Gas Pilot Plant--Homer City, Pennsylvania. Denver, Stearns-Roger, 1976, 54 pp
146. ERDA Manual, Chapter 0601, Emergency Planning and Response Program, 1977. Dept of Energy, 1976, 12 pp
147. NIOSH Manual of Analytical Methods, ed 2, DHEW (NIOSH) Publication No. 77-157-A through C. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, vols 1-3, pp 102-1 to S391-8

148. NIOSH Manual of Analytical Methods, ed 2, DHEW (NIOSH) Publication No. 78-175. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978, vol 4, pp 239-18 to S388-8
149. NIOSH Manual of Analytical Methods, ed 2, DHEW (NIOSH) Publication No. 79-141. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1979, vol 5, pp 173-1 to S361-10
150. Ricci LJ, Grover R: A US South African link for synfuels. Chem Eng News 11:95-98, 1979
151. Filby RH, Shah KR, Hunt ML, Khalil SR, Sautter CA: Solvent Refined Coal (SRC) Process--Trace Elements, Research and Development Report No. 53, Interim Report No 26--Volume III. Pilot Plant Development Work, Part 6. The Fate of Trace Elements in the SRC Process, for the Period August 1, 1974-July 31, 1976, Publication No. FE 496-T17. US Dept of Energy, Division of Coal Conversion and Utilization, 1978, 170 pp (NTIS FE 496-T17)
152. Conceptual Design for Advanced Coal Liquefaction Commercial Plant--Quarterly Technical Progress Report, Final for the Period November 1, 1976-January 31, 1977, Publication No. FE-2251-21. US Energy Research and Development Administration, 1977, 107 pp (NTIS FE-2251-21)
153. Hill RF (ed.): Energy Technology VI--Achievements in perspective, in Proceedings of the Sixth Energy Technology Conference, Washington, DC, Feb 26-28, 1979, pp 664-86 (unpublished)
154. Solvent Refined Coal (SRC) Process--Quarterly Technical Progress Report for the Period April 1, 1977-June 30, 1977, Publication No. FE 496-141. US Dept of Energy, Division of Coal Conversion and Utilization, 1977, 88 pp (NTIS FE 496-141)
155. Hamshar JA, Terzian HD, Scotti LJ: Clean fuels from coal by the COED process, in Ayer FA (comp): Symposium Proceedings--Environmental Aspects of Fuel Conversion Technology (May 1974, St Louis, Missouri), EPA-650/ 2-74-118. US Environmental Protection Agency, Office of Research and Development, 1974, pp 147-57
156. Jones JF, Brunsvold NJ, Persian HD, Scott LJ, Schoemann FH: Char Oil Energy Development--Volume I. Final Report for the Period August 18, 1971 through June 30, 1975, Publication No. FE-1212-T-9. US Energy Research and Development Administration, 1975, 488 pp (NTIS FE-1212-T-9)

157. Criteria for a Recommended Standard--Occupational Exposure to Alkanes (C5-C8), DHEW (NIOSH) Publication No. 77-151. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 129 pp
158. Criteria for a Recommended Standard--Occupational Exposure to Inorganic Arsenic, HEW Publication No. (NIOSH) 75-149. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1975, 127 pp
159. Criteria for a Recommended Standard--Occupational Exposure to Beryllium, Publication No. HSM 72-10268. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute for Occupational Safety and Health, 1972, 112 pp
160. Criteria for a Recommended Standard--Occupational Exposure to Cadmium, HEW Publication No. (NIOSH) 76-192. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 86 pp
161. Criteria for a Recommended Standard--Occupational Exposure to Carbon Dioxide, HEW Publication No. (NIOSH) 76-194. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 169 pp
162. Criteria for a Recommended Standard--Occupational Exposure to Chromium VI, HEW Publication No. (NIOSH) 76-129. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1975, 200 pp
163. Criteria for a Recommended Standard--Occupational Exposure to Hydrogen Fluoride, HEW Publication No. (NIOSH) 76-143. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 181 pp
164. Criteria for a Recommended Standard--Occupational Exposure to Hydroquinone, DHEW (NIOSH) Publication No. 78-155. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978, 182 pp

165. Criteria for a Recommended Standard--Occupational Exposure to Inorganic Mercury, Publication No. HSM 73-11024. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute for Occupational Safety and Health, 1973, 129 pp
166. Criteria for a Recommended Standard--Occupational Exposure to Inorganic Nickel, DHEW (NIOSH) Publication No. 77-164. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 282 pp
167. Arthur JL: Special Occupational Hazard Review and Control Recommendations for Nickel Carbonyl, DHEW (NIOSH) Publication No. 77-184. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, Division of Criteria Documentation and Standards Development, (no date), 34 pp
168. Criteria for a Recommended Standard--Occupational Exposure to Oxides of Nitrogen (Nitrogen Dioxide and Nitric Acid), HEW Publication No. (NIOSH) 76-149. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1976, 195 pp
169. Criteria for a Recommended Standard--Occupational Exposure to Toluene, Publication No. HSM 73-11023. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute for Occupational Safety and Health, 1973, 99 pp
170. Criteria for a Recommended Standard--Occupational Exposure to Vanadium, DHEW (NIOSH) Publication No. 77-222. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1977, 142 pp
171. Criteria for a Recommended Standard--Occupational Exposure to Xylene, HEW Publication No. (NIOSH) 75-168. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1975, 101 pp
172. Criteria for a Recommended Standard--Occupational Exposure to Zinc Oxide, HEW Publication No. (NIOSH) 76-104. Cincinnati, US Dept of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1975, 87 pp

173. Lowry HH (ed.): Chemistry of Coal Utilization. New York, John Wiley and Sons, Inc, 1945, vol 2, pp 921-1868
174. Kennaway EL: On cancer-producing tars and tar-fractions. J Ind Hyg 5:462-88, 1924
175. Sharkey AG Jr, Shultz JL, Schmidt CE, Friedel RA: Mass Spectrometric Analysis of Streams from Coal Gasification and Liquefaction Processes, Publication No. PERC/RI-75/5. US Energy Research and Development Administration, Office of Public Affairs, Technical Information Service, 1975, 24 pp (NTIS PERC/RI-75/5)
176. Goeckner NA, Griest WH: Determination of methyl chrysenes in a coal liquefaction product. Sci Total Environ 8:187-93, 1977
177. Koppenaar DW, Manahan SE: Hazardous chemicals from coal conversion processes. Environ Sci Technol 10:1104-07, 1976
178. Jahnig CE: Evaluation of Pollution Control in Fossil Fuel Conversion Processes, Liquefaction--Section 3. H-Coal Process, Publication No. EPA-650/2-74-009-M. US Environmental Protection Agency, Office of Research and Development, 1975, 61 pp (NTIS PB-249-847)