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Health/Environmental Consequences of
Energy Conversion Alternatives -
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J. Gruhl

MIT Energy Lab

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HEALTH/ENVIRONMENTAL CONSEQUENCES OF ENERGY CONVERSION ALTERNATIVES --
A BIBLIOGRAPHY

BY J. GRUHL, MIT ENERGY LAB, CAMBRIDGE, MASS., 02139
REPORT NO. MIT-EL 76-020WP

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THIS BIBLIOGRAPHY IS MEANT ONLY TO BE A GUIDE TO SOME OF THE SOURCES THAT ARE RELEVANT TO THE TASK OF SYSTEMATICALLY MODELING THE COMPARATIVE HEALTH AND ENVIRONMENTAL EFFECTS OF ALTERNATIVE ENERGY TECHNOLOGIES. THIS LIST IS NOT INTENDED TO BE COMPLETE BY ANY MEANS. THE AUTHOR WOULD APPRECIATE RECEIVING INFORMATION ON IMPORTANT SOURCES THAT ARE NOT INCLUDED IN THIS LISTING, AND NEW LISTINGS WILL BE DEVELOPED ANNUALLY OR MORE OFTEN IF THERE IS SUFFICIENT DEMAND.

GENERAL ENERGY SYSTEMS AND ASSESSMENTS

ASSOCIATED UNIVERSITIES INC., 1971. "ASSESSMENT OF ENERGY TECHNOLOGIES," AET-7, UPTON, L.I., N.Y., NOVEMBER.

ASSOCIATED UNIVERSITIES INC., 1972. "REFERENCE ENERGY SYSTEMS AND RESOURCE DATA FOR USE IN THE ASSESSMENT OF ENERGY TECHNOLOGIES," ASSOCIATED UNIVERSITIES, INC., UPTON, NEW YORK, 102PP PLUS APPENDICES

BEHNKE, W.B., 1949. "FUTURE NEEDS FOR POWER FROM COAL," SYMPOSIUM ON ENVIRON. ATTERATION AAAS, PII, DECEMBER 28.

RUDENHOLZER, R.A. AND Z. LAVAN, 1976. "PUTTING ALTERNATIVE SOURCES OF ENERGY INTO PERSPECTIVE," IEEE PAPER NO. F 76 620-5, ILL. INSTITUTE OF TECHNOLOGY, CHICAGO, ILL.

BENEDE, P., 1975. "APPROACHING TOWARD DETERMINING AND ASSESSING EFFECTS OF INNOVATIONS IN ENERGY SUPPLY BY MEANS OF A COMBINED ENERGY AND ECONOMY MODEL", MAX PLANCK INSTITUT FUER PLASMAFYSIK, GARCHING/MUENCHEN, GERMANY, NTIS IPP-4/13P, (IN GERMAN), 79PP., MAY 1975

ECKHOFF, N.D., J.K. SHULTIS, 1974. "PERSPECTIVES ON POWER: 1974," KANSAS, STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, MANHATTAN CENTER FOR ENERGY STUDIES REPORT CES-7, 256PP. AUGUST.

FEDERAL ENERGY ADMINISTRATION, 1975. "ENERGY INFORMATION IN THE FEDERAL GOVERNMENT," FEA POLICY AND ANALYSIS, OFFICE OF DATA AND ANALYSTS, FEILS: FEDERAL ENERGY INFORMATION LOCATOR SYSTEM, NTIS PB 246 703, WASHINGTON, D.C., NOVEMBER.

HAUSER, L.G., 1974. "A FORECAST OF ELECTRIC POWER GENERATION TECHNOLOGY 1975-2000," IEEE PAPER NO. A 75 624-7, WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA.

HOLLANDER, J.M., AND SIMMONS, M.K. (EDS.), 1976. ANNUAL REVIEW OF ENERGY 1976. ANNUAL REVIEWS, INC., PALO ALTO, CALIF., 1976

MACRAKIS, M.S. (ED.), 1974. ENERGY: DEMAND, CONSERVATION, AND INSTITUTIONAL PROBLEMS, MIT PRESS, CAMBRIDGE, MASS., 615PP., MAY.

MIT ENERGY LAB, 1974. "ENERGY SELF-SUFFICIENCY: AN ECONOMIC EVALUATION," TECHNOLOGY REVIEW, 76:5, MIT ENERGY LAB POLICY STUDY GROUP, PP23-58, MAY.

NATIONAL ACADEMY OF SCIENCES, 1969. "RESOURCES AND MAN," WITH NATIONAL RESEARCH COUNCIL, COMMITTEE ON RESOURCES AND MAN, DIVISION OF EARTH SCIENCES, W.H. FREEMAN AND CO., SAN FRANCISCO, CALIF.

NATIONAL COAL ASSOCIATION, 1974. "STEAM-ELECTRIC PLANT FACTORS/1973 ED," WASHINGTON, D.C., JANUARY.

PATH-NAGEL, S., 1975. "ALTERNATIVE ENTWICKLUNGSMOGLICHKEITEN DER ENERGIEWIRTSCHAFT IN DER BRD UNTERSUCHUNG MIT HILFE EINES SIMULATIONSMODELLS," DISSERTATION RWTH AACHEN, AACHEN, GERMANY.

SCHMITT, R.W. AND D.L. HENDRIE, 1975. "ENERGY ALTERNATIVES - EVALUATION STUDY," IEEE PAPER NO. F 75 628-8, GENERAL ELECTRIC CO., SCHENECTADY, N.Y.

US ATOMIC ENERGY COMMISSION, 1972. 1000-MW CENTRAL STATION POWER PLANTS INVESTMENT COST STUDY, VOLUME III: COAL-FIRED PLANT, USGPO, WASHINGTON, D.C.

US CONGRESS. 1974. "INVENTORY OF CURRENT ENERGY R&D, VOL 3, INDICES," HOUSE COMMITTEE SCIENCE ASTRONAUTIC. 43 CONG SER J. 232PP, JANUARY.

US CONGRESS. 1972. "SELECTED READINGS ON THE FUELS AND ENERGY CRISIS," 92ND CONGRESS, 2ND SESSION, USGPO 71-753 O, WASHINGTON, D.C., 473PP, JANUARY.

ZWEIFEL, P.F. AND A. GUYNNE. 1974. "ARE THERE VIABLE ALTERNATIVES TO NUCLEAR POWER?" CHEMISTRY, 47:8, P1A, SEPTEMBER.

GENERAL ENERGY/ENVIRONMENT MODELING

- BERKOWITZ, D.A., AND A.M. SOUTRES(EDS), 1971. POWER GENERATION AND ENVIRONMENTAL CHANGE. MIT PRESS, CAMBRIDGE, MASS., 440PP.
- BRIGHT, R., K. CROKE, J. HOOVER, K. HUB, D. SCHREGARDUS, AND P. WALKER, 1975. "AIR QUALITY POLICY ANALYSIS OF ELECTRIC UTILITIES: A REGIONAL PERSPECTIVE," ARGONNE NATIONAL LAB. ANL/ES-42, ARGONNE, ILL., 224PP, MARCH.
- BIJONTCORF, A.J., F.J. POLINSKI, L. THEODORE, 1975. "EVALUATING ENERGY POLICY ALTERNATIVES IN THE LIGHT OF ENVIRONMENTAL CONSIDERATIONS," AIR POLLUTION CONTROL ASSOCIATION: 68TH ANNUAL MEETING AND EXHIBITION: ABSTRACTS, (N.P.), PP33-34.
- CATON, G.M., M.P. GUTHRIE, H.F. McDUFFIE, G.J. ULRIKSON, 1975. "AN ENVIRONMENTAL AND ENERGY INFORMATION SYSTEM." ENVIRONMENTAL LETTERS, 9:4, PP431-442.
- DETWYLER, T.R.(ED), 1971. MAN'S IMPACT ON ENVIRONMENT. McGRAW-HILL, NEW YORK, 731PP.
- DIALES, G.E. AND F.C. MOORE, 1974. "THE COST OF COAL." ENVIRONMENT, 16:7, PP14-24.
- EIJASSEN, R., 1971. "POWER GENERATION AND THE ENVIRONMENT," BULLETIN OF THE ATOMIC SCIENTISTS, P 37, SEPTEMBER.
- FEDERAL POWER COMMISSION, 1974. "CONSERVATION, HEALTH, AND FUEL SUPPLY. NATIONAL POWER SURVEY." TECHNICAL ADVISORY COMMITTEE, TASK FORCE ON CONSERVATION AND FUEL SUPPLY, WASHINGTON, D.C.
- FUTURE SHAPE OF TECHNOLOGY PUB., 1971. "ELECTRICAL NEEDS AND ENVIRONMENTAL PROBLEMS, NOW AND IN THE FUTURE." FUTURE SHAPE OF TECHNOLOGY PUBLICATION NO. 7, THE NETHERLANDS, APRIL 1.
- GARVEY, G., 1972. ENERGY, ECOLOGY, ECONOMY, NORTON PUBL., NEW YORK, N.Y.
- JAMESON, R.M., ET AL., 1974. "FOSSIL FUELS AND THEIR ENVIRONMENTAL IMPACT," SYMPOSIUM ON ENERGY AND ENVIRONMENTAL QUALITY, ILL. INST. OF TECH, CHICAGO, MAY 10.
- MILES, W.T., 1975. "ELECTRIC POWER SYSTEMS ANALYSIS RESEARCH: ENVIRONMENTAL FACTORS." AWAKE, 55, PP, APRIL.
- MORGAN, M.G., 1975. "ENERGY AND MAN: TECHNICAL AND SOCIAL ASPECTS OF ENERGY," IEEE PRESS SELECTED REPRINT SERIES, IEEE, NEW YORK, N.Y., 521PP.
- NATIONAL ACADEMY OF SCIENCES, 1975. "MINERAL RESOURCES AND THE ENVIRONMENT," NAS REPORT, WASHINGTON, D.C., 354PP, FEBRUARY.
- OAK RIDGE NATIONAL LAB, 1973. "ELECTRIC ENERGY AND ITS ENVIRONMENTAL IMPACT," PROGRESS REPORT ORNL-NSF-EP-40, TENN., 123PP, MARCH.
- OAK RIDGE NATIONAL LAB, 1973. "ELECTRIC ENERGY AND ITS ENVIRONMENTAL IMPACT," PROGRESS REPORT, ORNL-NSF-EP-53, OAK RIDGE, TENN., 67PP, JULY.
- OAK RIDGE NATIONAL LAB, 1971. "THE ENVIRONMENT AND TECHNOLOGY ASSESSMENT," PROGRESS REPORT, ORNL-NSF-EP-3, OAK RIDGE NATIONAL LAB, TENN., 251PP, FEBRUARY.
- O'CONNOR, J.J.(ED), 1974. "WORLD ENERGY CONFERENCE EXAMINES COSTS, ENVIRONMENTAL

- "IMPACT OF COMING DEMANDS." POWER, 118:9, PP94-98, SEPTEMBER.
- OFFICE OF SCIENCE AND TECHNOLOGY, 1970. ELECTRIC POWER AND THE ENVIRONMENT, ENERGY STAFF, OST, USGPO, WASHINGTON, D.C., AUGUST
- OFFICE OF TECHNOLOGY ASSESSMENT, 1975. "AN ANALYSIS OF THE ERDA PLAN AND PROGRAM." FOR US CONGRESS, USGPO #052-010-00457-3, WASHINGTON, D.C., OCTOBER.
- PERRY, H., 1974. "EMERGING ENERGY TECHNOLOGY AND ITS ENVIRONMENTAL IMPACTS," ENERGY AND ENVIRONMENTAL QUALITY, (N.P.), 14PP.
- PERRY, H., H. REISON, D.R.F. HARLEMAN, A.M. SQUIRFS, 1971. "ENERGY TECHNOLOGY TO THE YEAR 2000, PART II, ENERGY AND POLLUTION," TECHNOLOGY REVIEW, DECEMBER
- PESONEN, O., 1975. "NONNUCLEAR FUTURES," NOT MAN APART, 8PP. MID-JULY.
- ROSS, R.D., 1972. AIR POLLUTION AND INDUSTRY, VAN NOSTRAND REINHOLD CO., NEW YORK, N.Y.
- SEABORG, GLENN T., 1972. "ENERGY AND ENVIRONMENT," INTERNATIONAL JOURNAL OF ENVIRONMENTAL STUDIES, LONDON, 3:4, PP301-306, SEPTEMBER.
- WRIGHT, J.H., 1970. "POWER AND THE ENVIRONMENT," WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA.
- ZING, J.T., 1975. "ENERGY AND THE ENVIRONMENT," ENVIRONMENTAL LETTERS, 9:4, PP327-332.
- ZING, J.T., 1975. "ENVIRONMENTAL IMPACTS OF POWER GENERATION," ENVIRONMENTAL LETTERS, 9:4, 123PP.

ENERGY-RELATED PUBLIC HEALTH EFFECTS

AMERICAN PUBLIC HEALTH ASSOCIATION, 1974. "HEALTH EFFECTS OF ENERGY SYSTEMS," DRAFT, WASHINGTON, D.C.

ARGONNE NATIONAL LAB, 1973. "A STUDY OF SOCIAL COSTS FOR ALTERNATIVE MEANS OF ELECTRICAL POWER GENERATION FOR 1980 AND 1990," ANL-R092, ANL-R093 VOL 1-4, FEBRUARY/MARCH

CARNOW, R.W., 1974. "PREDICTIVE MODELS FOR ESTIMATING THE HEALTH IMPACT OF FUTURE ENERGY SOURCES," IN PROCEEDINGS, INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN THE ASSESSMENT OF THE HEALTH EFFECTS OF ENVIRONMENTAL POLLUTION," PARIS, FRANCE.

COHEN, A.A., S. BROMBERG, R.W. BUECHLEY, L.T. HEIDERSCHITZ, AND C.M. SHY, 1972. "ASTHMA AND AIR POLLUTION FROM A COAL-FIRED POWER PLANT," AMER. J. PUB. HEALTH, 62, PP1181-1188.

COMAP, C.L., 1975. "BIOLOGICAL RISKS OF ELECTRICITY PRODUCTION," EPRI, AWARE, 63, PP2-6, DECEMBER.

COMAP, C.L. AND L.A. SAGAN, 1976. "HEALTH EFFECTS OF ENERGY PRODUCTION AND CONVERSION," IN ANNUAL REVIEW OF ENERGY 1975, J.M. HOLLANDER AND M.K. SIMMONS (FDS), PP581-600.

ELECTRIC POWER RESEARCH INSTITUTE, 1975. "CONFERENCE PROCEEDINGS: WORKSHOP ON HEALTH EFFECTS OF FOSSIL FUEL COMBUSTION PRODUCTS," REP. NO. EPRI SR-11, PALO ALTO, CA.

ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION, 1975. "ENVIRONMENTAL IMPACT OF ELECTRIC POWER GENERATION: NUCLEAR AND FOSSIL," PREPARED BY PENNSYLVANIA DEPT. OF EDUCATION, HARRISBURG, PA, ERDA-69, 240PP, AND ERDA-70, 27PP.

ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION, 1975. "HEALTH EFFECTS OF COAL COMBUSTION AND CONVERSION," INTERNAL PROGRAM OVERVIEW AND OBJECTIVES, WASHINGTON, D.C., AUGUST 8.

ENVIRONMENTAL PROTECTION AGENCY, 1975. "STRATEGIC ENVIRONMENTAL ASSESSMENT SYSTEM," DRAFT DESCRIPTION OF SEAS MECHANISM, PARTS I-IV, 170PP., DECEMBER 16.

ENVIRONMENTAL PROTECTION AGENCY, 1975. "STRATEGIC ENVIRONMENTAL ASSESSMENT SYSTEM, SEAS REGEN NATIONAL REP ORT," JUNE 16.

ENVIRONMENTAL PROTECTION AGENCY, 1971. "AIR POLLUTION ASPECTS OF EMISSION SOURCES: ELECTRIC POWER PRODUCTION - A BIBLIOGRAPHY WITH ABSTRACTS," AP-96, RESEARCH TRIANGLE PARK, N.C., 319PP, MAY.

FINKEL, A.J.(ED.), 1974. ENERGY, THE ENVIRONMENT, AND HUMAN HEALTH, PUB. SCIENCES GROUP INC., ACTON, MASS.

FORBES, I.A., M.R. GOLDSMITH, J.P. KEARNEY, A.C. KADAK, J.C. TURNAGE, AND G.J. BROWN, 1974. "THE NUCLEAR DEBATE: A CALL TO REASON," A POSITION PAPER OF THE AUTHORS, ATOMIC INDUSTRIAL FORUM REPORT, BOSTON, MASS., 43PP, JUNE 19.

GREENFIELD, N.A., 1972. "PUBLIC HEALTH RISKS OF THERMAL POWER PLANTS," UNIVERSITY OF CALIFORNIA, UCLA-ENG-7242, MAY.

GROUHL, J., 1976. "HEALTH IMPLICATIONS OF OIL-TO-COAL CONVERSION IN NEW ENGLAND POWER PLANTS," MIT ENERGY LAB REPORT MIT-E-76-013WP, 21PP, APRIL.

- HAMILTON, L.D., (ED.), 1974. "THE HEALTH AND ENVIRONMENTAL EFFECTS OF ELECTRICITY GENERATION - A PRELIMINARY REPORT," BROOKHAVEN NATIONAL LAB, UPTON, N.Y.
- HAMILTON, L.D. AND S.C. MORRIS, 1974. "HEALTH EFFECTS OF FOSSIL FUEL POWER PLANTS," PROCEEDINGS MIDYEAR SYMPOSIUM HEALTH PHYSICS SOCIETY, KNOXVILLE, TENN.
- HAUSKNECHT, D.F., 1972. "PUBLIC HEALTH RISK OF THERMAL POWER PLANTS - VI APPROXIMATE MORTALITY RISK FROM SO₂ AND PARTICULATES," UCLA-FNG-7242, UNIVERSITY OF CALIFORNIA, MAY.
- HUBB, K.A. AND R.A. SCHLECKER, 1974. "HEALTH EFFECTS OF ALTERNATIVE MEANS OF ELECTRICAL GENERATION," IAEA-SM-134/18, IAEA-WHO SEMINAR, PORTOROZ, YUGO.
- HILL, A.P., 1971. "SOME COMPARISONS OF THE ENVIRONMENTAL RISKS FROM NUCLEAR AND FOSSIL FUELED POWER PLANTS," BROOKHAVEN NATIONAL LABORATORY, BNL-15266
- INSTITUTT FOR ATOMENERGIE, 1972. "ATP POLLUTION HEALTH EFFECTS OF ELECTRIC POWER GENERATION - A LITERATURE SURVEY," NTIS #NP 20649. INSTITUTT FOR ATOMENERGI, KJELLER, NORWAY, 180PP, NOVEMBER.
- LAVE, L.B., 1972. "THE HEALTH EFFECTS OF ELECTRICITY GENERATION FROM COAL, OIL, AND NUCLEAR FUELS," GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION, CARNEGIE-MELLON UNIVERSITY, PITTSBURGH, APRIL.
- LAVE, L.B. AND L.C. FREEBURG, 1973. "HEALTH EFFECTS OF ELECTRICITY GENERATION FROM COAL, OIL, AND NUCLEAR FUEL," NUCLEAR SAFETY JOURNAL, 14:5, PP409-428, SEPTEMBER/OCTOBER.
- LINDALL, A.W., 1970. "EFFECT OF AIR POLLUTION FROM FOSSIL FUEL COMBUSTION ON HUMAN HEALTH," MINN. MED., 53:3, PP321-326, MARCH.
- LUNNEMANN, R.F., 1974. "HEALTH RISKS FROM N-PLANTS CALLED MINIMAL," ELECTRICAL WORLD, 182:11, PP42-46, DECEMBER 1.
- MARTIN, A.E., 1964. "EFFECTS OF POWER STATION EMISSIONS ON HEALTH," WORLD HEALTH ORGANIZATION, WHO/AP/66.27, GENEVA, SWITZERLAND, 43PP.
- MORGAN, M.G., B.R. BARKOVICH, AND A.K. MEIER, 1973. "THE SOCIAL COSTS OF PRODUCING ELECTRIC POWER FROM COAL: A FIRST-ORDER CALCULATION," PROCEEDINGS OF THE IEEE, 61, PP1431-1442
- MORRIS, S.C., 1975. "ENVIRONMENTAL EFFECT OF FOSSIL FUELS," BNL-20294, BROOKHAVEN NATIONAL LAB, UPTON, N.Y., 10PP.
- NATIONAL ACADEMY OF SCIENCES, 1975. "AIR QUALITY AND STATIONARY SOURCE EMISSION CONTROL," WITH NATIONAL ACADEMY OF ENGINEERING, NATIONAL RESEARCH COUNCIL, COMMISSION ON NATURAL RESOURCES, PREPARED FOR COMMITTEE ON PUBLIC WORKS, US SENATE, SERIAL NO. 94-4.
- PERELATOV, V.D., A.T. BESPALEV, A.D. STEPANJVA, AND L.S. POTAPENKO, 1968. "EFFECT OF DISCHARGES FROM THE SHAKHTY DISTRICT POWER PLANT ON THE POPULATION'S HEALTH," HYG. SANIT., 33:7-9, PP100-102, JULY-SEPT.
- POSE, D.J., 1975. "NUCLEAR POWER VIS-A-VIS ITS ALTERNATIVES, CHIEFLY COAL," DEPARTMENT OF NUCLEAR ENGINEERING, MIT, CAMBRIDGE, MASS., PRESENTED TO US CONGRESS, OTA, 27PP, JULY 9.

- SAGAN, L.A., 1974. "HEALTH COSTS ASSOCIATED WITH THE MINING, TRANSPORT, AND COMBUSTION OF COAL IN THE STEAM-ELECTRIC INDUSTRY," NATURE, 250, PP107-111
- STARR, C. AND M.A. GREENFIELD, 1972. "PUBLIC HEALTH RISKS OF THERMAL POWER PLANTS," UCLA-ENG-7242, FOR RESOURCES AGENCY OF CALIFORNIA, MAY.
- STARR, C., M.A. GREENFIELD, AND D.H. HAUSKNECHT, 1972. "A COMPARISON OF PUBLIC HEALTH RISKS: NUCLEAR VS. OIL-FIRED POWER PLANTS," NUCLEAR NEWS, OCTOBER, OR IN ERDA-69, PP142-149.
- STARR, C., ET AL., 1973. "PUBLIC HEALTH RISKS OF THERMAL POWER PLANTS." UNIVERSITY OF CALIFORNIA.
- TEKNEKRON INC., 1976. "AN INTEGRATED TECHNOLOGY ASSESSMENT (ITA) OF ELECTRIC UTILITY ENERGY SYSTEMS," ENERGY AND ENVIRONMENTAL ENGINEERING DIVISION, TEKNEKRON, INC., BERKELEY, CA., 11PP. FEBRUARY 27.
- TERRILL, J.G., E.D. HOWARD, AND I.P. LEGGETT, 1967. "ENVIRONMENTAL ASPECTS OF NUCLEAR AND CONVENTIONAL POWER PLANTS," IND. MED. SURG., 36:6, PP412-419
- US ATOMIC ENERGY COMMISSION, 1974. "COMPARATIVE RISK-COST-BENEFIT STUDY OF ALTERNATIVE SOURCES OF ELECTRICAL ENERGY," REP. NO. WASH-1224, USAEC, WASHINGTON, D.C.
- US ATOMIC ENERGY COMMISSION, 1974. "COMPARATIVE RISK-COST-BENEFIT STUDY OF ALTERNATIVE SOURCES OF ELECTRICAL ENERGY - APPENDIX A," USAEC, WASH 1224-A, WASHINGTON, D.C., 58PP, DECEMBER.
- US CONGRESS, 1969-1970. "ENVIRONMENTAL EFFECTS OF PRODUCING ELECTRIC POWER," JOINT COMMITTEE ON ATOMIC ENERGY, SELECTED MATERIALS, AUGUST 1969: PHASE I-III, OCTOBER 1969-SPRING 1970
- WATSON, D.E., "THE RISK OF CARCINOGENESIS FROM LONG-TERM LOW DOSE EXPOSURE TO POLLUTION EMITTED BY FOSSIL FUEL POWER PLANTS," UNIVERSITY OF CALIF., LAWRENCE LIVERMORE LAB REPORT, UCRL-50937, IID-4500, UC-48, OCTOBER.
- YANYSHCHEVA, N.Y., 1960. "THE EFFECT OF ATMOSPHERIC AIR POLLUTION BY DISCHARGES FROM ELECTRIC POWER PLANTS AND CHEMICALS COMBINING ON THE HEALTH OF NEARBY INHABITANTS," USSR LITERATURE ON AIR POLLUTION AND RELATED OCCUPATIONAL DISEASES, 1, PP99-104, JANUARY.

ENERGY-RELATED COST/BENEFIT/RISK ANALYSIS

- ALEXANDER, M.O. AND J. LIVINGSTONE. 1973. "COST BENEFITS OF PRODUCING CLEAN ELECTRIC POWER," PUBLIC UTILITIES FORTNIGHTLY, 92:5, PP15-20, AUGUST 30.
- BARKOVICH, B., A.K. MEIER, M. MORGAN. 1973. "SOCIAL COSTS OF PRODUCING ELECTRIC POWER FROM COAL," IEEF PROCEEDINGS, 61:10, PP1431-1443, OCTOBER.
- BEALL, S.F., J. SPIEKER, H.G. ARNOLD, H.W. MCCLAIN, E.S. BETTIS, D. SCOTT, AND R. AHMED. 1974. "ASSESSMENT OF THE ENVIRONMENTAL IMPACT OF ALTERNATIVE ENERGY SOURCES," ORNL-5024, OAK RIDGE NATIONAL LAB, TENN., 134PP, SEPTEMBER.
- COMMONER, B. AND G. SEABORG. 1971. "NUCLEAR POWER PLANTS BOON OR BLIGHT," NATIONAL WILDLIFE, 4:3, PP21-24, APRIL/MAY.
- DOLPHIN, G.W. AND W.G. MARLEY. 1959. "RISK EVALUATION IN RELATION TO THE PROTECTION OF THE PUBLIC IN THE EVENT OF ACCIDENTS AT NUCLEAR INSTALLATIONS," IN ENVIRONMENTAL CONTAMINATION BY RADIOACTIVE MATERIALS, PROCEEDINGS SERIES INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA, PP241-254, MARCH 24-28.
- DOYLE, M.P., M.J. GOLAY, AND N.C. RASMUSSEN. 1975. "COMPARISON OF ENVIRONMENTAL IMPACTS OF COAL AND NUCLEAR SYSTEMS FOR MILITARY UTILITY APPLICATION AND CONSEQUENCES OF REACTOR ACCIDENTS," FINAL REPORT SUBMITTED TO THE ARMY, MIT ENERGY LAB AND MIT DEPT. OF NUCLEAR ENG., CAMBRIDGE, MASS.
- FISCHEROPST, D., 1975. "ENVIRONMENTAL EFFECTS OF ALTERNATIVE ENERGY POLICIES: A MODEL STUDY WITH CONSIDERATION OF SOCIAL POLITICAL INFLUENCES," KERNFORSCH-UNGSANLAGE JUELICH GMBH, GERMANY, NTIS JUL-1213, 161PP, JUNE 1975
- FORBES, I.A., 1975. "NUCLEAR POWER GENERATION SAFETY," AGAINST CONTEXT OF FOSSIL-FUELED PLANTS. AWAKE, 59:2, 92, AUGUST.
- GILLETT, R., 1974. "NUCLEAR SAFETY: CALCULATING THE ODDS OF DISASTER," SCIENCE, 185, PP838-839, SEPTEMBER 6.
- GOFMAN, J.W. AND A.R. TAMPLIN. 1970. "PROTECTION OR DISASTER," ENVIRONMENT, 12:3, APRIL.
- HAMMOND, R.P., 1974. "NUCLEAR POWER RISKS," AMERICAN SCIENTIST, 62:2, P158. MARCH/APRIL.
- JORDAN, W.H., 1970. "NUCLEAR ENERGY: BENEFITS VS. RISKS," PHYSICS TODAY, P 32. MAY
- KENDALL, H.W., 1975. "NUCLEAR POWER RISKS," UNION OF CONCERNED SCIENTISTS, CAMBRIDGE, MASS., JUNE 18.
- LAVE, L.B. AND L.P. SILVERMAN. 1975. "ECONOMIC COSTS OF ENERGY-RELATED ENVIRONMENTAL POLLUTION," IN ANNUAL REVIEW OF ENERGY 1975, J.M. HOLLANDER AND M.K. SIMMONS (EDS), PP501-528.
- LIM, T.H., 1973. "SOME QUANTITATIVE RISK AND BENEFIT COMPARISONS FROM GENERATING ELECTRICITY OF COAL-FIRED AND NUCLEAR-FUELED POWER PLANTS USING DECISION ANALYSIS," DEPT. OF NUCLEAR ENGINEERING AND LAWRENCE BERKELEY LAB, UNIVERSITY OF CALIFORNIA.
- LOS ALAMOS SCIENTIFIC LAB. 1971. "GOALS OF COST-BENEFIT ANALYSIS IN ELECTRIC POWER GENERATION," LA-4869-MS, FROM RISKS VS. BENEFIT: SOLUTION OR DREAM, D.E. WATSON, NOVEMBER

MINNESOTA COMMITTEE FOR ENVIRONMENTAL INFORMATION, 1970. "THE COSTS AND BENEFITS OF NUCLEAR POWER PLANTS," P.O. BOX 14207, UNIVERSITY STATION, MINNEAPOLIS, MINN. 55414.

MORRISON, D.L., ET AL., 1972. "ENVIRONMENTAL BENEFIT-COST ANALYSIS FOR POWER GENERATION," AMERICAN POWER CONFERENCE PROCEEDINGS, 34, PP238-254.

RUDMAN, R.L., 1974. "COST-BENEFIT CONSIDERATIONS OF NUCLEAR POWER," NUCLEAR TECHNOLOGY, 24:3, P309-314, DECEMBER.

SAGAN, L.A., 1972. "HUMAN COSTS OF NUCLEAR POWER," SCIENCE, 177, PP487-493 AUGUST

STANNARD, J.N., 1970. "EVALUATION OF HEALTH HAZARDS TO THE PUBLIC ASSOCIATED WITH NUCLEAR POWER PLANT OPERATIONS," IN NUCLEAR POWER AND THE PUBLIC, H. FOREMAN(ED.), UNIVERSITY OF MINNESOTA PRESS, MINNEAPOLIS, MINN., PP90-123.

STARR, C., 1975. "NUCLEAR POWER: HOW SAFE IS SAFE ENOUGH?," EPRI, CALIFORNIA COUNCIL FOR ENV. AND ECONOMIC BALANCE - REPORT, 24PP.

STARR, C., R. RUDMAN, AND C. WHIPPLE, 1976. "PHILOSOPHICAL BASIS FOR RISK ANALYSIS," IN ANNUAL REVIEW OF ENERGY 1976, J.M. HOLLANDER AND M.K. SIMMONS (EDS.), PP629-643.

TILL, J.E., 1971. "SCIENCE AND POLITICS IN THE CONTROVERSY OVER NUCLEAR POWER HAZARDS," SCIENCE FORUM, 4, APR., AUGUST.

WILSON, R., 1972. "MAN-HEM, ECONOMICS AND RISK IN THE NUCLEAR POWER INDUSTRY," NUCLEAR NEWS, 15:2, PP28-30.

ENERGY-RELATED EMISSION, AMBIENT, AND OCCUPATIONAL CONSEQUENCES

ARRAHAMSON, D.E., 1971. "ENVIRONMENTAL COST OF ELECTRIC POWER," A SCIENTISTS' INSTITUTE FOR PUBLIC INFORMATION WORKBOOK, AVAILABLE IN "SELECTED READINGS ON THE FUELS AND ENERGY CRISIS." US CONGRESS, 1972, PP418-458.

AMR, A.T., H.L. BROWN, B.H. HAMEL, R.F. LAESSIG, P.W. PHILBIN, 1975. "EVALUATION AND ASSESSMENT OF FOSSIL AND NUCLEAR FUEL SYSTEMS ON THE BASIS OF ENVIRONMENTAL QUALITY, FUEL CYCLE EFFICIENCIES AND ECONOMICS," AIR POLLUTION CONTROL ASSOCIATION: 68TH ANNUAL MEETING AND EXHIBITION: ABSTRACTS, (N.P.), PP39-39.

BATTTELLE MEMORIAL INSTITUTE, 1973. "ENVIRONMENTAL CONSIDERATIONS IN FUTURE ENERGY GROWTH," COLUMBUS AND PACIFIC NORTHWEST LABORATORIES, PREPARED FOR EPA, COLUMBUS, OHIO.

BELL, J.C., 1974. "DERIVATION OF THE AGGREGATE ENVIRONMENTAL IMPACT COEFFICIENTS FROM THE HITTMAN DATA," MIT ENERGY LAB, CAMBRIDGE, MASS., 59PP, JUNE 18.

BELL, J.C., 1974. "ENVIRONMENTAL IMPACTS: A COMPUTER PROGRAM TO DETERMINE THE IMPACTS FROM AN ENERGY PROJECTION," MIT ENERGY LAB, CAMBRIDGE, MASS., 47PP, APRIL 15.

BENDER, M. AND S.H. AHMED, 1974. "INDEX OF THE COMPOSITE ENVIRONMENT: A BASIS FOR EVALUATING THE EFFECTS OF ELECTRIC POWER GENERATING PLANTS IN RESPONSE TO NFPA," ORNL-TM-4492, OAK RIDGE NATIONAL LAB, TENN, FEBRUARY.

BOZZUTO, C.R., J.H. FERNANDEZ, F.J. HANZALEK, A.L. PLUMLEY, 1975. "AIR POLLUTION ASPECTS OF ALTERNATIVE ENERGY SOURCES," AIR POLLUTION CONTROL ASSOCIATION: 68TH ANNUAL MEETING AND EXHIBITION: ABSTRACTS, (N.P.), PP225-226.

BRUN, M.J., 1975. "RELATIONS ENTRE LE SECTEUR DE L'ENERGIE ET LA POLLUTION DE L'AIR DANS UNE PERSPECTIVE A LONG TERME(1)," POLLUTION ATMOSPHERIQUE, 17:67, PP185-199, JULY-SEPT.

BUREAU OF LAND MANAGEMENT, 1973. "ENERGY ALTERNATIVES AND THEIR RELATED ENVIRONMENTAL IMPACTS," US DEPT. OF THE INTERIOR, USGPO, WASHINGTON, D.C., DEC-74.

COUNCIL ON ENVIRONMENTAL QUALITY, 1975. "IMAGES AND THE EVALUATION OF ENERGY ALTERNATIVES," USGPO, WASHINGTON D.C., #0-573-529, 15PP, MAY.

COUNCIL OF ENVIRONMENTAL QUALITY, 1973. "ENERGY AND THE ENVIRONMENT: ELECTRIC POWER," WASHINGTON, D.C., GOVERNMENT PRINTING OFFICE, 63PP, AUGUST.

EHRENFIELD, J.R. AND J.C. GOLDSTEIN, 1971. "POLLUTION FROM STATIONARY FOSSIL-FUEL BURNING COMBUSTION EQUIPMENT," 1990, IUPAP PAPER EN-16G.

ETSENROD, M. AND H.G. PETROW, 1964. "RADIODACTIVITY IN THE ATMOSPHERIC EFFLUENTS OF POWER PLANTS THAT USE FOSSIL FUELS," SCIENCE, 144, P 288, APRIL 17.

ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION, 1974. "NEW ENERGY TECHNOLOGY COEFFICIENTS AND DYNAMIC ENERGY MODELS," VOLS. 1-4, ERDA-3, NTIS, SPRINGFIELD, VA, 22151.

EEA, 1975. "PROJECT INDEPENDENCE - BLUEPRINT, SUMMARY, TASK FORCE REPORTS," EEA, USGPO, WASHINGTON, D.C.

HALL, E., P. CHOI, AND E. KPOP, 1974. "ASSESSMENT OF THE POTENTIAL OF CLEAN

FUELS AND ENERGY TECHNOLOGY." EPA #EPA-600/c-74-001. WASHINGTON, D.C., 186PP, FEBRUARY.

HITTMAN ASSOCIATES INC., 1975. "ENVIRONMENTAL IMPACTS, EFFICIENCY, AND COST OF ENERGY SUPPLY AND END USE," VOL. II, NTIS #PB-239 159, SPRINGFIELD, VA.

HITTMAN ASSOCIATES INC., 1974. "ENVIRONMENTAL IMPACTS, EFFICIENCY, AND COST OF ENERGY SUPPLY AND END USE." HIT-593. NTIS #PB-238 784, SPRINGFIELD, VA.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL STUDIES, 1974. "POLLUTION FROM ENERGY SUPPLY, CONVERSION, AND USE: A REVIEW OF THE U.K. PROBLEM," 6:4, PP253-267, SEPTEMBER.

MARTIN, J.E., E.O. HOWARD, D.T. OAKLEY, 1971. "RADIATION DOSES FROM FOSSIL-FUEL AND NUCLEAR POWER PLANTS." CHAPTER 9 IN POWER GENERATION AND ENVIRONMENTAL CHANGE, AM ASSOC FOR ADV OF SCIENCE. MIT PRESS, P 107

MCGRAW, M.J. AND R.L. DUPREY, 1971. "COMPILEATION OF AIR POLLUTANT EMISSION FACTORS." EPA, RESEARCH TRIANGLE PARK, NORTH CAROLINA

NATIONAL ACADEMY OF ENGINEERING, 1971. "ENGINEERING FOR RESOLUTION OF THE ENERGY-ENVIRONMENT DILEMMA." NATIONAL ACADEMY OF ENGINEERING, WASHINGTON, D.C.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, 1976. "COMPARATIVE EVALUATION OF PHASE I RESULTS FROM THE ENERGY CONVERSION ALTERNATIVES STUDY (FCAS)," FOR ERDA AND NSF, NASA TM X-71855, LEWIS RESEARCH CENTER, CLEVELAND, OHIO, 374PP, FEB.

PIDGEON, T.H., 1974. "ENVIRONMENTAL ASPECTS OF NUCLEAR ENERGY PRODUCTION." ANNUAL REVIEW OF NUCLEAR SCIENCE: 24. E.SEGKE, J.R. GROVER, H.P. NOYES (EDS), PALO ALTO, CALIFORNIA. ANNUAL REVIEWS INC., PPS15-559.

PROCESSES RESEARCH INC., 1973. "AIR POLLUTION FROM FUEL COMBUSTION IN STATIONARY SOURCES," FOR EPA. NTIS#PR 222 341, SPRINGFIELD, VA. 22151.

RAGATNI, R.C. AND J.M. OMDOV, 1975. "TRACE CONTAMINANTS FROM COAL-FIRED POWER PLANTS," CALIFORNIA UNIVERSITY, LAWRENCE LIVERMORE LAB, JCRL-76794, 18PP, SEPTEMBER 22.

RITH, A., 1971. "FUELS AND THEIR IMPACT ON AIR POLLUTION," SYMPOSIUM, BROOKLYN, N.Y., OCTOBER 28.

RUSSELL, C.S. AND W.O. SHOFFORD, 1969. "A QUANTITATIVE FRAMEWORK FOR RESIDUALS - ENVIRONMENTAL QUALITY MANAGEMENT," PROCEEDINGS OF 1969 WATER RESOURCES SEMINAR, WATER RESEARCH CENTER, PURDUE UNIV., LAFAYETTE, IND.

SCHIKARSKI, W., ET AL., 1971. "AN APPROACH FOR COMPARING AIR POLLUTION FROM FOSSIL-FUEL AND NUCLEAR POWER PLANTS." ENVIRONMENTAL ASPECTS OF NUCLEAR POWER STATIONS. PROCEEDINGS OF AN IAEA SYMPOSIUM, N.Y., VIENNA, P877.

SEXTON, ET AL., 1966. "THE HAZARD TO HEALTH IN THE HYDROGENATION OF COAL," ARCHIVES ENVIRONMENTAL HEALTH, 1, PP181-233.

UNIVERSITY OF OKLAHOMA, 1975. "ENERGY ALTERNATIVES: A COMPARATIVE ANALYSIS," FOR CEO, ERDA, ET AL., USGPO, WASHINGTON, D.C., MAY.

US ATOMIC ENERGY COMMISSION, 1974. "ENVIRONMENTAL SURVEY OF THE URANIUM FUEL CYCLE." USGPO, WASHINGTON, D.C.

FUEL CHARACTERIZATION

ABERNATHY, R.F. AND F.H. GIBSON, 1943. "RARE ELEMENTS IN COAL," US B OF MINES T.C. 8163, US DEPT OF INT

ABERNATHY, R.F., ET AL., 1949. "SPECTROCHEMICAL ANALYSES OF COAL ASH FOR TRACE ELEMENTS," REPORT OF INVESTIGATIONS #7281, BUREAU OF MINES, JULY.

FSSO RESEARCH AND ENGINEERING CO., 1973. "POTENTIAL POLLUTANTS IN FOSSIL FUELS," FOR EPA, NTIS#PB 225 03, SPRINGFIELD, VA.

NATIONAL COAL ASSOCIATION, 1971. "KEYSTONE COAL MANUAL, 1971," NATIONAL COAL ASSOCIATION, WASHINGTON, D.C.

CONVERSION, COMBUSTION, AND OPERATIONS SIMULATIONS

ARGONNE NATIONAL LAB, 1974. "BALANCED PROGRAM PLAN: ANALYSIS FOR BIOMEDICAL AND ENVIRONMENTAL RESEARCH, VOLUME 3: COAL EXTRACTION, PROCESSING, AND COMBUSTION," ERDA-116, ARGONNE, ILL., 74PP, APRIL.

ENVIRONMENTAL PROTECTION AGENCY, 1975. "BACKGROUND INFORMATION FOR STANDARDS OF PERFORMANCE: COAL PREPARATION PLANTS, VOLUME 1: PROPOSED STANDARDS," GOVERNMENT REPORTS ANNOUNCEMENTS, 75:3, PP114, FEBRUARY 7.

ENVIRONMENTAL PROTECTION AGENCY, 1974. "PROCEEDINGS OF THE EPA SYMPOSIUM ON ENVIRONMENTAL ASPECTS OF FUEL CONVERSION TECHNOLOGY," HFDL ST. LOUIS, MISSOURI, MAY 13-16, USGPO, WASHINGTON, D.C.

FINGER, S., 1975. "MODELING CONVENTIONAL AND PUMPED HYDRO-ELECTRIC ENERGY USING BOOTH-BALFRIAUX PROBABILISTIC SIMULATION," MIT ENERGY LAB REPORT MIT-EL 75-009WP, AUGUST.

GRUHL, J., 1974. "GENERATOR MAINTENANCE AND PRODUCTION SCHEDULING TO OPTIMIZE ECONOMIC-ENVIRONMENTAL PERFORMANCE," MIT ENERGY LAB PUBLIC, MIT-EL 74-002P, CAMBRIDGE, MASS., 9PP, JANUARY.

GRUHL, J., 1974. "LARGE SYSTEMS MODELING FOR COORDINATING ATMOSPHERIC PROCESSES AND ELECTRIC POWER OPERATION," PROCEEDINGS TWELFTH ANNUAL ALLERTON CONFERENCE ON CIRCUIT AND SYSTEM THEORY, MONTICELLO, ILL., PPS99-607, OCTOBER.

GRUHL, J., 1973. "ELECTRIC POWER UNIT COMMITMENT SCHEDULING USING A DYNAMICALLY EVOLVING MIXED INTEGER PROGRAM," MIT ENERGY LAB, NTIS NO. PB-224 006, SPRINGFIELD, VA, 22151, 150PP, JANUARY.

GRUHL, J., 1973. "MINIMIZING COST AND ENVIRONMENTAL IMPACT OF ELECTRIC POWER SYSTEM OPERATION," PhD THESIS, DEPT. OF ELECTRICAL ENGINEERING, MIT, CAMBRIDGE, MASS., 566PP, MAY.

GRUHL, J., 1972. "ELECTRIC GENERATION PRODUCTION SCHEDULING USING A QUASI OPTIMAL SEQUENTIAL TECHNIQUE," MIT ENERGY LAB, NTIS NO. PB-224 079, SPRINGFIELD, VA, 22151, 153PP, APRIL.

GRUHL, J., 1972. "ECONOMIC-ENVIRONMENTAL-SECURITY TRANSFORM CURVES OF ELECTRIC POWER SYSTEM PRODUCTION SCHEDULES AND SIMULATIONS," MIT ENERGY LAB, NTIS NO. PB-224 061, SPRINGFIELD, VA, 22151, 43PP, NOVEMBER.

GRUHL, J., F.C. SCHWEPPE, AND M.F. RUANE, 1975. "UNIT COMMITMENT SCHEDULING OF ELECTRIC POWER SYSTEMS," IN SYSTEMS ENGINEERING FOR POWER: STATUS AND PROSPECTS, L.H. FINK AND K. CARLSON(EDS), ERDA & EPRI #CONF-750867, USGPO, WASHINGTON, D.C., PP116-129, AUGUST.

NATIONAL ENVIRONMENTAL RESEARCH CENTER, 1973. "PROCEEDINGS, COAL COMBUSTION SEMINAR, JUNE 19-20, 1973," NTIS#PB-224 305, SPRINGFIELD, VA, 22151.

RUBIN, E.S. AND F.C. MCMICHAEL, 1975. "IMPACT OF REGULATIONS ON COAL CONVERSION PLANTS," ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 9:2, PP112-117.

SCHWEPPE, F.C., M.F. RUANE, AND J. GRUHL, 1975. "ECONOMIC-ENVIRONMENTAL OPERATION OF ELECTRIC POWER SYSTEMS," IN SYSTEMS ENGINEERING FOR POWER: STATUS AND PROSPECTS, L.H. FINK AND K. CARLSON(EDS), ERDA & EPRI "CONF-750867, USGPO, WASHINGTON, D.C., PP117-104, AUGUST.

EMISSION ABATEMENT

ENVIRONMENTAL PROTECTION AGENCY. 1974. "ALTERNATIVE CONTROL STRATEGIES FOR SULFATES," EPA, WASHINGTON, D.C., OCTOBER 17.

HUGHES, E.E., E.M. DICKSON, AND R.A. SCHMIDT, 1974. "CONTROL OF ENVIRONMENTAL IMPACTS FROM ADVANCED ENERGY SOURCES." STANFORD RESEARCH INST., EPA-600/2-74-002, WASHINGTON, D.C.

MACDONALD, R.I., 1975. "ALTERNATIVE STRATEGIES FOR CONTROL OF SULFUR DIOXIDE EMISSIONS," AIR POLL. CONT. ASSOC. J., 25:5, P525, MAY.

PATTERSON, D. I. AND N.A. HENFEE, 1972. EMISSIONS FROM COMBUSTION ENERGIES AND THEIR CONTROL. ANN ARBOR SCIENCE PUBLISHERS, INC., ANN ARBOR, MICH.

PERRY, H. AND H. BERKSON, 1971. "MUST FOSSIL FUELS POLLUTE?," TECHNOLOGY REVIEW, 74:2, PP34-43, DECEMBER.

POWER, 1974. "POWER FROM COAL - PART III A SPECIAL REPORT. COMBUSTION, POLLUTION CONTROLS," POWER, APRIL.

SHAFER, M., 1973. "COST EVALUATION OF AIR POLLUTION CONTROL STANDARDS," MIT ENERGY LAB #MIT-EL 73-008, CAMBRIDGE, MASS., FEBRUARY.

US CONGRESS. 1974. "A BILL TO AMEND THE CLEAN AIR ACT, AS AMENDED," S. 3219, 94TH CONGRESS, 2ND SESSION, AND "MINORITY AND INDIVIDUAL VIEWS," S. REPT. 94-717.

EMISSION CHARACTERIZATION

- BERRY, W.L., AND A. WALLACE. 1974. "TRACE ELEMENTS IN THE ENVIRONMENT - THEIR ROLE AND PROXIMITY AS RELATED TO FOSSIL FUELS - A PRELIMINARY STUDY," NTIS, WASHINGTON, D.C., 66PP.
- BERTINE, K.K. AND F.D. GOLDBERG. 1971. "FOSSIL FUEL COMBUSTION AND THE MAJOR SEDIMENTARY CYCLE." SCIENCE, 173, PP233-235.
- BILLINGS, C.E. AND W.R. WATSON. 1972. "MERCURY EMISSIONS FROM COAL COMBUSTION," SCIENCE, P1232, JUNE 16.
- BLOCK, C., R. DAMS, 1975. "LEAD CONTENTS OF COAL, COAL ASH AND FLY ASH," WATER, AIR AND SOIL POLLUTION, 2:2, PP207-211, DEC.
- BOLTON, N.E., R.T. VAN HOOK, W. JULKERSON, W.S. LYON, A.W. ANDREN, J.A. CARTER, AND J.F. EMEPY, 1973. "TRACE ELEMENT MEASUREMENTS AT THE COAL-FIRED ALLEN STEAM PLANT," ORNL-NSF-EP-43, OAK RIDGE NATIONAL LAB, TENN, JANUARY.
- OTEHI, R.C., R.J. HAPEN, E.A. HATTMAN, AND H. SHULTZ, 1972. "FATE OF TRACE MERCURY IN THE COMBUSTION OF COAL," US BUR OF MINES PROGRESS REPORT 54, US DEPT OF THE INTERIOR, 9PP, MAY.
- FRIEND, J.P., 1972. "SULFUR MOBILIZATION AS A RESULT OF FOSSIL FUEL COMBUSTION," SCIENCE, 175, PP1278-1279.
- GLADNEY, E.S., 1975. "TRACE ELEMENT EMISSIONS OF COAL-FIRED POWER PLANTS: A STUDY OF THE CHALK POINT ELECTRIC GENERATING STATION," PHD THESIS, UNIVERSITY OF MARYLAND.
- GOLDBERG, A.J., 1973. "SURVEY OF EMISSIONS AND CONTROLS FOR 'HAZARDOUS' AND OTHER POLLUTANTS," EPA, NTIS:PB-223 56A, SPRINGFIELD, VA.
- GOLDSTEIN, N.P., K.H. SUN, AND J.L. GONZALEZ, 1971. "RADIOACTIVITY IN FLY ASH FROM A COAL BURNING POWER PLANT," TRANS. AMERICAN NUCLEAR SOCIETY 1971 ANNUAL MEETING, JUNE.
- HANAFI, Z. AND A.E. FID, 1974. "LEACHING OF VANADIUM FROM BOILER FLY ASH IN ALKALINE MEDIA," INDIAN J. OF TECHNOLOGY, 12:11, P507, NOVEMBER.
- JOENSUU, O.I., 1971. "FOSSIL FUELS AS A SOURCE OF MERCURY POLLUTION," SCIENCE, 172, P 1027, JUNE 4.
- KAAKTINEN, J. AND R.M. JORDAN, 1973. "FATE OF TRACE METALS IN A COAL-FIRED POWER PLANT," IN TRANSPORT AND THE BIOLOGICAL EFFECTS OF MOLYPDENUM IN THE ENVIRONMENT, UNIVERSITY OF COLORADO, BOULDER, COLORADO, JANUARY.
- KAAKTINEN, J.W., R.M. JORDAN, M.-P. LAKASANI, AND R.E. WEST, 1975. "TRACE ELEMENT BEHAVIOR IN A COAL-FIRED POWER PLANT," PRESENTED TO DIVISION OF ENVIRONMENTAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, PHILADELPHIA.
- KLEIN, D.H. AND P. RUSSELL, 1973. "HEAVY METALS: FALLOUT AROUND A POWER PLANT," ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 7:4, PP357.
- MIDWEST RESEARCH INSTITUTE, 1973. "PARTICULATE POLLUTANT SYSTEM STUDY VOL-1 MASS EMISSIONS," MRI PROJECT NO. 3326-C.
- MURTHY, L., H.G. PETERING, AND V.J. ELIA, 1973. "METAL-BINDING AGENTS IN COAL DUST," ENVIRONMENTAL LETTERS, 5:4, P237.

PHILLIPS, M.A., 1973. "LEVELS OF BERYLLIUM NEAR HAYDEN, COLORADO," ENVIRON. LETTERS, 5:3, PP183-189.

SMITH, W.S. AND C.W. GRUBER, 1956. "ATMOSPHERIC EMISSIONS FROM COAL COMBUSTION - AN INVENTORY GUIDE," US DEPT OF HEW, NAPCA NO. AP-24, WASHINGTON, D.C.

WATER POLLUTION DISPERSION AND CONSEQUENCES

RECKFP, C.D., AND THATCHER, T.O., 1973. "TOXICITY OF POWER PLANT CHEMICALS TO AQUATIC LIFE." BATTELLE PACIFIC NORTHWEST LABORATORIES, US AFC WASH-1249, RICHLAND, WASHINGTON.

BHARGAVA, N., P. BOFGH, P. HOG, H. VON ELIN, W. HOFMANN, H. SOERENSEN, P. TEODORESCU, AND H. ZHENG, 1975. "MITTELHAJE UND LANGFRISTIGE LOFSUNGEN DER ABWAERMEPROBLEME BEI KERNKRAFTWERKEN." NUCLEX 75, TECHNICAL MEETING NO. 7, BASEL, SWITZ., 20PP.

CHEENEY, P.B. AND F.A. SMITH, 1969. "A SYSTEMS ANALYSIS OF AQUATIC THERMAL POLLUTION AND ITS IMPLICATIONS," VOL. I - SUMMARY REPORT, TRAVELERS RESEARCH CORP., HARTFORD, CONN., JANUARY.

COUTANT, C.C., 1973. "BIOLOGICAL ASPECTS OF THERMAL POLLUTION, II. SCIENTIFIC BASIS FOR WATER TEMPERATURE STANDARDS AT POWER PLANTS." CRC CRITICAL REVIEWS IN ENVIRONMENTAL CONTROL, 3:1, CHEMICAL RUBBER CO., PP1-24.

COUTANT, C.C. AND C.P. GOODYEAR, 1972. "THERMAL EFFECTS." ANNUAL LITERATURE REVIEW, J. WATER POLL. CONT. ED., 44:6, PP1250-1294, JUNE.

DAILEY, J.E. AND D.P.F. HARLEM, 1972. "UNJUMERICAL MODEL FOR THE PREDICTION OF TRANSTENT WATER QUALITY IN ESTUARY NETWORKS." RALPH M. PARSONS LAB, REPORT 158, MIT, CAMBRIDGE, MASS., OCTOBER.

ETSENPLU, M. AND G. GLEASON(EDS), 1969. ELECTRIC POWER AND THERMAL DISCHARGES, GORDON AND BREACH SCIENCE PUBLISHERS, NEW YORK, N.Y.

ENVIRONMENTAL PROTECTION AGENCY, 1973. "RESEARCH NEEDS AND PRIORITIES: WATER POLLUTION CONTROL BENEFITS AND COSTS," VOL. II, OCTOBER.

ENVIRONMENTAL PROTECTION AGENCY, 1972. "EVALUATION OF WASTE WATERS FROM PETROLEUM AND COAL PROCESSING." USGPO, WASHINGTON, D.C.

GIANESSI, L., 1974. "ESTIMATED ANNUAL WATER POLLUTION DAMAGES," (SEAS Mimeo), ENVIRONMENTAL PROTECTION AGENCY.

GRUHL, J., 1973. "QUANTIFICATION OF AQUATIC ENVIRONMENTAL IMPACT OF ELECTRIC POWER GENERATION." MIT ENERGY LAB, NTIS NO. PB-224 642, SPRINGFIELD, VA. 22151, 175PP, APRIL.

KENNEDY, V.S. AND J.A. MIHUSKY, 1973. "BIBLIOGRAPHY ON THE EFFECTS OF TEMPERATURE IN THE AQUATIC ENVIRONMENT." UNIVERSITY OF MARYLAND, NATIONAL RESOURCES INSTITUTE, CONTRR. #325.

VAN METER, W.P. AND R.E. ERICKSON, 1976. "ENVIRONMENTAL EFFECTS FROM LEACHING OF COAL CONVERSION BY-PRODUCTS." FE-2014-1,-2,-3. 9PP, 7PP, 30PP, OCTOBER 1975, JANUARY 1976, AND APRIL.

VAN VINKLE, W., 1975. "THE APPLICATION OF COMPUTERS IN AN ASSESSMENT OF THE ENVIRONMENTAL IMPACT OF POWER PLANTS ON AN AQUATIC ECOSYSTEM." PROCEEDINGS OF THE ERDA-WIDE CONFERENCE ON COMPUTER SUPPORT OF ENVIRONMENTAL SCIENCE AND ANALYSIS, ALBUQUERQUE, NM, S. FERNBACH AND H.M. SCHWARTZ(EDS), JULY 9-11.

WILHELM, J.L. AND T.C. DORRIS, 1968. "BIOLOGICAL PARAMETERS FOR WATER QUALITY CRITERIA," BIOSCIENCE, 18, PP477-481.

ATMOSPHERIC DISPERSION AND FATE OF EMISSIONS

BATTELLE NORTHWEST LABS., 1974. "PRECIPITATION SCAVENGING OF INORGANIC POLLUTANTS FROM METROPOLITAN SOURCES." ATMOSPHERIC SCIENCES DEPT., EPA # EPA-650/3-74-005, WASHINGTON, D.C.

RODIGGS, G.A., 1969. "PLUME RISE." AEC CRITICAL REVIEW SERIES, TID-25075, NTIS, SPRINGFIELD, VA. 22151.

ROCK, J.R., W.H. MARLOW, 1975. "CHARGED AEROSOL PARTICLES AND AIR POLLUTION." ENVIRONMENTAL LETTERS, 10:1, PP53-67

DANA, M.T., 1973. "NATURAL PRECIPITATION WASHOUT OF SULFUR COMPOUNDS FROM PLUMES," FOR EPA. BATTELLE NORTHWEST LABS., NTIS#PB 232 445, SPRINGFIELD, VA.

DONALDSON, C.D., 1973. "PRODUCTION OF ATMOSPHERIC TURBULENCE AND THE DISPERSAL OF ATMOSPHERIC POLLUTANTS." EPA REPORT, NTIS#PB 225 524, SPRINGFIELD, VA. 22151.

FINGER, S., 1974. "BACKGROUND MODEL OF AIR POLLUTION IN THE PHILADELPHIA REGION." MS THESIS, UNIV. OF PENNSYLVANIA. DEPT. OF STAT. AND OPERATIONS RESEARCH, AUGUST.

JUNGF, C.F., 1969. "CIRCULATION OF TRACE CONSTITUENTS IN THE ATMOSPHERE AND ASPECTS OF GLOBAL AIR POLLUTION." INTERNATIONAL SYMPOSIUM CHEM. AND TOXICAL ASPECTS OF ENVIRONMENTAL QUALITY, MUENCHEN, JULY.

KLEIN, D.H., ET AL., 1975. "PATHWAYS OF THIRTY-SEVEN TRACE ELEMENTS," ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 9:10, P973.

KRAJFSKI, E.P., E. KEITZ, AND D. BOBO, 1972. "A STUDY OF THE RELATIONSHIP BETWEEN POLLUTANT EMISSIONS FROM STATIONARY SOURCES AND GROUND LEVEL AMBIENT AIR QUALITY." MITRE CORP., PREPARED FOR EPA, MAY 31.

LARSEN, R.I., 1971. "A MATHEMATICAL MODEL FOR RELATING AIR QUALITY MEASUREMENTS TO AIR QUALITY STANDARDS." ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NORTH CAROLINA, 56PP

LTSK, D.J., 1972. "TRACE METALS IN SOILS, PLANTS, AND ANIMALS," ADVANCES IN AGRONOMY, 24, PP267-325

MANGUSO, P.L. AND F.I. LINDSTG, 1973. "USER'S MANUAL FOR THE APRAC-1A URBAN DIFFUSION MODEL COMPUTER PROGRAM," STANFORD RESEARCH INST., EPA # EPA-650-73-001 NTIS #PB-213 091, SPRINGFIELD, VA. 22151.

MARSH, K.J. AND V.D. FOSTER, 1957. "AN EXPERIMENTAL STUDY OF THE DISPERSION OF THE EMISSIONS FROM CHIMNEYS IN HEADING. I. THE STUDY OF LONG-TERM AVERAGE CONCENTRATIONS OF SULFUR DIOXIDE," ATMOSPHERIC ENVIRONMENT, 1:4, PP527-550, SEPTEMBER.

MILLER, M.E. AND L.E. NIEMEYER, 1963. "AIR POLLUTION POTENTIAL FORECASTS - A YEAR'S EXPERIENCE," AIR POLL. CONT. ASSOC. J., 13:5, PP205-210.

MILLS, M.T. AND M. REEVES, 1973. "MULTI-SOURCE ATMOSPHERIC TRANSPORT MODEL FOR DEPOSITION OF TRACE CONTAMINANTS," OAK RIDGE NATIONAL LAB, ORNL-NSF-EATC-2, OAK RIDGE, TENN.

MONTGOMERY, T., AND L.W. FREY, 1975. "TALL STACKS AND INTERMITTENT CONTROL OF SO₂ EMISSIONS-TVA EXPERIENCE AND PLANS," MINING CONGRESS J., 61:1, PP44-51,

JANUARY.

NATIONAL TECHNICAL INFORMATION SERVICE, 1973. "MAXIMUM SO₂ CONCENTRATIONS PRODUCED BY A 1000 MEGAWATT POWER PLANT," SPECIAL REPORT NTIS PR 241 756, APRIL.

NATIONAL TECHNICAL INFORMATION SERVICE, 1973. "SO₂ CONTROL PATTERNS FOR ELECTRIC UTILITIES," NTIS REPORT PR-224 119/8WP, 145PP, MARCH.

NORD, F.J., 1973. "MESO-SCALE AND LARGE-SCALE TRANSPORT OF AIR POLLUTION," PROCEEDINGS 3RD INTERNATIONAL CLEAN AIR CONGRESS, DUESSELDORF, GERMANY,

PASQUILL, F., 1941. "THE ESTIMATION OF THE DISPERSION OF WINDBORNE MATERIAL," THE METEOROLOGICAL MAGAZINE, 90:1063, PP33-49.

PENNIR, S.S., 1975. "MONITORING OF THE CLIMATOLOGICAL IMPACT OF WORLD-WIDE THERMAL LOADING ASSOCIATED WITH ENERGY CONSUMPTION," ACTA ASTRONAUTICA, 22PP.

PLATO, P.A., ET AL., 1967. "COMPUTER MODEL FOR THE PREDICTION OF THE DISPERSION OF ATTBORNE RADIOACTIVE POLLUTANTS," HEALTH PHYSICS, 13, PP1105-1115.

REFINKE, W.A., 1949. "MULTIVARIABLE AND DYNAMIC AIR POLLUTION MODELS," ARCH. ENVIRONMENTAL HEALTH, 18, PP481-484.

REFOJAM, H., 1970. "SULFUR: SIMULATED LONG RANGE TRANSPORT IN THE ATMOSPHERE," SCIENCE, 170, PP318-320.

RODHE, H., C. PERSSON, AND O. AKESSON, 1972. "AN INVESTIGATION INTO REGIONAL TRANSPORT OF SUOT AND SULFATE AEROSOLS," ATMOSPHERIC ENVIRONMENT, 6, PP675-693.

RUAUF, M.F., ET AL., 1976. "SUPPLEMENTARY CONTROL SYSTEMS - A DEMONSTRATION," IEEE TRANSACTIONS ON POWER APPARATUS AND SYSTEMS, PAS-95:1, PP309-317, JAN/FEB.

RUAUF, M., ET AL., 1974. "THE DESIGN AND IMPLEMENTATION OF A DEMONSTRATION SUPPLEMENTARY CONTROL SYSTEM," AEC REPORT CJO-242P-2, 143PP, SEPTEMBER.

ROFFMAN, A., 1975. "UTILIZATION OF MATHEMATICAL MODELS AND METEOROLOGICAL DATA IN THE ASSESSMENT OF AIR QUALITY FOR FOSSIL FUELED ELECTRIC POWER PLANTS," IFS ENERGY AND ENVIRONMENT CONFERENCE, VOL 2, P145, ANAHEIM, APRIL 14-16.

NOBRS, C.L. AND D.W. PEARCE, 1976. "THE ECONOMICS OF STOCK POLLUTANTS: THE EXAMPLE OF CADMIUM," INT. J. ENV. STUDIES, 8:4, PP245-255.

SIADF, D.H.(ED), 1968. "METEOROLOGY AND ATOMIC ENERGY, 1968," US AEC, TECHNICAL INFORMATION DIVISION, TID-24190, JULY.

SZEPESI, D.J., 1964. "A MODEL FOR THE LONG-TERM DISTRIBUTION OF POLLUTANTS AROUND A SINGLE SOURCE," IDOJARAS(BUDAPEST), 68, PP257-269, SEPT/OCT.

TURNER, D.H., 1970. "WORKBOOK OF ATMOSPHERIC DISPERSION ESTIMATES," ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, OFFICE OF AIR PROGRAMS, PUB. NO. AP-26.

ZEEDEJK, H. AND C.A. VELDS, 1973. "THE TRANSPORT OF SULFUR DIOXIDE OVER A LONG DISTANCE," ATMOSPHERIC ENVIRONMENT, 7, PR49.

ZIMMERMAN, J.R. AND A. BIUSSE, 1973. "USER'S GUIDE FOR THE CLIMATOLOGICAL DISPERSION MODEL (CDM)," NERC, EPA, NTIS#PR-227 346, SPRINGFIELD, VA.

ATMOSPHERIC POLLUTANT CHARACTERIZATION AND AEROCHEMISTRY

AMDUR, M.O., 1971. "AEROSOLS FORMED BY OXIDATION OF SULFUR DIOXIDE," ARCH. ENVIRONMENTAL HEALTH, 23, PP459-468.

AMERICAN CHEMICAL SOCIETY, 1969. "CLEANING OUR ENVIRONMENT - THE CHEMICAL BASIS FOR ACTION," ACS, SUBCOMMITTEE ON ENVIRONMENTAL IMPACT, COMMITTEE ON CHEM. AND PUBLIC AFFAIRS, WASHINGTON, D.C.

BIFALINI, M., 1971. "OXIDATION OF SULFUR DIOXIDE IN POLLUTED ATMOSPHERES: A REVIEW," ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 5, PP485, AUGUST.

BUTCHER, S.S. AND R.I. CHARLSON, 1972. AN INTRODUCTION TO ATMOSPHERIC CHEMISTRY, ACADEMIC PRESS, NEW YORK, N.Y.

DAVIS, D.D., G. SMITH, AND G. KLAUBER, 1974. "TRACE GAS ANALYSIS OF POWER PLANT PLUMES VIA AIRCRAFT MEASUREMENT: O₃, NO_x, AND SO₂ CHEMISTRY," SCIENCE, 186, PP733-736.

DENNIS, R., C.E. BILLINGS, F.A. RECORD, P. WARNECK, M.L. ARTN, AND C.Y. SING, 1969. "MEASUREMENTS OF SULFUR DIOXIDE LOSSES FROM STACK PLUMES," AIR POLLUTION CONT. ASSOC. MEETING, NEW YORK.

ENVIRONMENTAL PROTECTION AGENCY, 1973. "NITROGENOUS COMPOUNDS IN THE ENVIRONMENT," OFFICE OF RESEARCH AND DEVELOPMENT, SCIENCE ADVISORY BOARD, EPA-SAB-73-001, WASHINGTON, D.C.

FOSTER, L.T., C.I. SPARROW, 1975. "AN ANNOTATED BIBLIOGRAPHY OF CANADIAN AIR POLLUTION LITERATURE," CANADA, AIR POLLUTION CONTROL DIRECTORATE, ENVIRONMENTAL PROTECTION SERVICE REPORT SERIES, ECONOMIC AND TECHNICAL REVIEW REPORT EPS 3-AP-75-2, 283PP, APRIL.

FOWLER, B.A., 1975. "HEAVY METALS IN THE ENVIRONMENT II: OVERVIEW," ENVIRONMENTAL HEALTH PERSPECTIVES 10, PP259-260, APRIL.

FRIERG, I., 1973. "CADMIUM IN THE ENVIRONMENT, II," EPA # EPA-RP-73-190, NTIS #PB-221 198, SPRINGFIELD, VA, 22151.

GARTELL, F.F., F.W. THOMAS, AND S.B. CARPENTER, 1963. "ATMOSPHERIC OXIDATION OF SULFUR DIOXIDE IN COAL-BURNING POWER PLANT PLUMES," AM. IND. HYG. ASS. J., 24, PP113-120.

HUANG, C.M., J.H. COLEMAN, T.I. MONTGOMERY, AND F.E. GARTELL, 1972. "ATMOSPHERIC CHEMICAL INTERACTIONS IN COAL-FIRED POWER PLANT PLUMES," AIR POLL. CONT. ASSOC. MEETING, MIAMI, FL.

KETSEPIDIS, G., I. HAHN, R. JAENICKE, AND C. JUNGF, 1976. "THE ORGANIC CONSTITUENTS OF ATMOSPHERIC PARTICULATE MATTER," ATMOSPHERIC ENVIRONMENT, 10, PP603-610.

NATIONAL ACADEMY OF SCIENCES, 1975. "PRINCIPLES FOR EVALUATING CHEMICALS IN THE ENVIRONMENT," WITH NATIONAL ACADEMY OF ENGINEERING, ENVIRONMENTAL STUDIES BOARD, COMMITTEE FOR THE WORKING CONFERENCE ON PRINCIPLES OF PROTOCOL FOR EVALUATING CHEMICALS IN THE ENVIRONMENT, WASHINGTON, D.C.

NATIONAL RESEARCH COUNCIL, 1972. "PARTICULATE POLYCYCLIC ORGANIC MATTER," COMM. ON BIOLOGIC EFFECTS OF ATMOSPHERIC POLLUTANTS, DIV. OF MEDICAL SCIENCES OF THE NATIONAL RESEARCH COUNCIL, FOR THE NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D.C.

- NEWMAN, L., J. FOREST, AND R. MANDVITZ. 1975. "THE APPLICATION OF AN ISOTOPIC RATIO TECHNIQUE TO STUDIES OF ATMOSPHERIC OXIDATION OF SULFUR DIOXIDE IN THE PLUMES FROM AN OIL-FIRED AND A COAL-FIRED POWER PLANT - I AND II." ATMOSPHERIC ENVIRONMENT, 9, PP959-977.
- PREUSSMAN, P., 1974. "FORMATION OF CARCINOGENS FROM PRECURSORS OCCURRING IN THE ENVIRONMENT: NEW ASPECTS OF NITROSAMINE-INDUCED TUMORGENESIS." IN SPECIAL TOPICS IN CARCINOGENESIS, F. GRUNDMANN(ED.), SPRINGER-VERLAG, NEW YORK, N.Y., 209-15.
- RALL, D.P., 1973. "A REVIEW OF THE HEALTH EFFECTS OF SULFUR OXIDES." ATMOSPHERIC CHEMISTRY DESCRIBED INCLUDING 320 REFS., NIEHS REPORT TO DMB, 55PP, OCTOBER 9.
- ROBINSON, E., 1971. "SOURCES AND FATE OF ATMOSPHERIC SULFUR COMPOUNDS." STANFORD RESEARCH INSTITUTE, SRI PROJECT SCC-8966, MARCH.
- SAWICKI, E., 1967. "AIRBORNE CARCINOGENS AND ALLIED COMPOUNDS," ARCH. ENV. HEALTH, 14, PP 46-53.
- SCHROEDER, H.A., 1970. "A SENSIBLE LOOK AT AIR POLLUTION BY METALS," ARCH. ENV. HEALTH, 21, P 79R, DECEMBER.
- STAHL, J.R., 1969. "AIR POLLUTION ASPECTS OF MERCURY AND ITS COMPOUNDS," TECHNICAL REPORT, LITTON SYSTEMS, INC., ENVIRONMENTAL SYSTEMS DIV., BETHESDA, MD.
- SULLIVAN, R.J., 1969. "AIR POLLUTION ASPECTS OF NICKEL AND ITS COMPOUNDS," TECH. REPORT, LITTON SYSTEMS, INC., ENVIRONMENTAL SYSTEMS DIV., BETHESDA, MARYLAND.
- SYSTEMS APPLICATIONS INC., 1974. "MATHEMATICAL SIMULATION OF ATMOSPHERIC PHOTOCHEMICAL REACTIONS: MODEL DEVELOPMENT, VALIDATION, AND APPLICATION," EPA # EPA630/4-74-011, NTIS #PB-233 049, SPRINGFIELD, VA. 22151.
- TEPPER, L.B. AND L.S. LEVIN. 1973. "SURVEY OF AIR AND POPULATION LEAD LEVELS IN SELECTED AMERICAN COMMUNITIES," UNIV. OF CINCINNATI, EPA # EPA-R1-73-005, NTIS #PB-222 459, SPRINGFIELD, VA. 22151.
- THRING, M.W., 1974. "AIR POLLUTION - A GENERAL SURVEY," INCLUDES CARCINOGENS; INTERN. J. ENV. STUDIES, 5:4, PP251-258.
- URONE, P. AND W.H. SCHROEDER. 1969. "SO₂ IN THE ATMOSPHERE: A WEALTH OF MONITORING DATA BUT FEW REACTION RATE STUDIES," ENVIRON. SCIENCE TECH., 3, P436.
- WALLCAVE, , 1975. "TWO PYRENE DERIVATIVES OF WIDESPREAD ENVIRONMENTAL DISTRIBUTION: CYCLOPENTA (C,D)PYRENE AND ACOPYRENE," ENV. SCIENCE AND TECH., 9:2, PP143-146, FEBRUARY.
- YEUNG, C.K.K. AND C.P. PHILLIPS. 1975. "HYDROCARBON CONSUMPTION AND SYNERGISTIC EFFECTS IN PHOTOOXIDATION OF OLEFINS," ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 9:8, P732, AUGUST.

SITING AND POPULATION EXPOSURE PATTERNS

BATTELLE NORTHWEST LABORATORIES, 1967. "NUCLEAR POWER PLANT SITING IN THE PACIFIC NORTHWEST," RESEARCH REPORT FOR BONNEVILLE POWER ADMIN., 547PP.

DE LISLE, J.F. AND J.S. HICKMAN, 1972. "METEOROLOGICAL ASSESSMENT OF A POWER STATION SITE," CEFAN AIR, 6:1, 12, FEBRUARY.

ENVIRONMENTAL PROTECTION AGENCY, 1972. "ESTIMATES OF THE IONIZING RADIATION DOSES IN THE UNITED STATES, 1950-2000," REPORT OF THE SPECIAL STUDIES GROUP, DIVISION OF CRITERIA AND STANDARDS OFFICE OF RADIATION PROGRAMS, EPA, ROCKVILLE, MD., AUGUST.

ENVIRONMENTAL PROTECTION AGENCY, 1972. "INDOOR-OUTDOOR AIR POLLUTION RELATIONSHIPS: A LITERATURE REVIEW," EPA # AP-112, USGPO, WASHINGTON, D.C.

FRIGERIO, N.A., ET AL., 1972. "THE ARGONNE RADIOLOGICAL IMPACT PROGRAM (ARIP)," ARGONNE NATIONAL LAB, ANL/FN-25, ARGONNE, ILL.

GRUHL, J., 1975. "SCIENTIFIC BACKGROUND ON PROBABILISTIC AIR POLLUTION DOSAGE MODELING," MIT ENERGY LAB REPORT #MIT-EL 75-014WP, CAMBRIDGE, MASS., 40PP, MAY.

GRUHL, J., 1973. "PRODUCTION COST: ECONOMIC-ENVIRONMENTAL SYSTEM PLANNING," MIT ENERGY LAB PUBLIC. MIT-EL 73-012P, CAMBRIDGE, MASS., 7PP, SEPTEMBER.

HART, J. (ED.), 1974. "SYMPOTUM ON POPULATION EXPOSURES," POTENTIAL ADVERSE ENVIRONMENTAL EFFECTS OF THE NUCLEAR POWER INDUSTRY: ENVIRONMENTAL PROBLEMS ASSOCIATED WITH THE ALTERNATIVE FOSSIL FUEL PRODUCTION OF ELECTRICITY: SPECIAL REPORT OF THE EIGHTH MIDYEAR SYMPOSIUM, HEALTH PHYSICS SOCIETY, NTIS REPORT CONF-741018, TENN., 449PP, OCTOBER.

HONSTEAD, .., 1970. "QUANTITATIVE EVALUATION OF ENVIRONMENTAL FACTORS AFFECTING POPULATION EXPOSURE NEAR HANFORD," BATTELLE NORTHWEST REPORT BNWL-SA-3203, OCTOBER

INTERNATIONAL COMMITTEE ON RADIOPHYSICAL PROTECTION, 1969. "RADIOSENSITIVITY AND SPATIAL DISTRIBUTION OF DOSE," ICRP PUBLICATION 14, PERGAMON PRESS, OXFORD.

KOLDE, H.F. AND B. KAHN, 1970. "RADIOLOGICAL SURVEILLANCE STUDIES AT A BOILING WATER REACTOR NUCLEAR POWER STATION - ESTIMATED DOSE STUDIES," HEALTH PHYSICS SYMPOSIUM ON ASPECTS OF NUCLEAR FACILITY SITING, IDAHO FALLS, IDAHO, NOVEMBER 3-6.

LEWIS, D.H., 1971. "ALLOCATIONS OF AIR POLLUTION CONTROL RESEARCH FUNDS ON THE BASIS OF HUMAN EXPOSURE," US ENVIRONMENTAL PROTECTION AGENCY, OFFICE OF AIR PROGRAMS, WASHINGTON, D.C.

MUNN, R.E., 1959. "THE APPLICATION OF AN AIR POLLUTION CLIMATOLOGY TO TOWN PLANNING," INT. J. AIR AND WATER POLL., 1, PP276-287.

OFFICE OF SCIENCE AND TECHNOLOGY, 1968. "CONSIDERATIONS AFFECTING PLANT SITE SELECTION," WASHINGTON, D.C.

PESKIN, H.M., L.P. GIANESSI, AND E. WOLFF, 1974. "THE DISTRIBUTIONAL IMPLICATIONS OF NATIONAL AIR POLLUTION DAMAGE ESTIMATES," (MIMEO), MAY.

RJANE, M.F., F.C. SCHWEPPKE, AND J. GRUHL, 1975. "ECONOMIC-ENVIRONMENTAL SYSTEM PLANNING FOR ELECTRIC POWER SYSTEMS," IN SYSTEMS ENGINEERING FOR POWER : STATUS AND PROSPECTS, L.H. FINK AND K. CARLSON(EDS), ERDA & EPRI #CONF-750867, USGPO,

WASHINGTON, D.C., PP261-274, AUGUST.

SAGAN, L.A., 1971. "HUMAN RADIATION EXPOSURES FROM NUCLEAR POWER REACTORS," ARCHIVES ENVIRONMENTAL HEALTH, 22, P 487

SCHWEPPPE, F., ET AL., 1974. "ECONOMIC-ENVIRONMENTAL SYSTEM PLANNING," IEEE POWER ENGINEERING SOCIETY 1974 SUMMER MEETING PAPER NO. 74 CH 0912-6-PWR, ANAHEIM, CALIF., 28PP, JULY 19.

SPANGLER, M.H., 1974. "ENVIRONMENTAL AND SOCIAL ISSUES OF SITE CHOICE FOR NUCLEAR POWER PLANTS," ENERGY POLICY, 2:1, P18-32, MARCH.

JURRIJ, C., 1975. "PREPARATION OF ENVIRONMENTAL IMPACT STATEMENTS: RADIOLOGICAL CONSIDERATIONS," AMERICAN NUCLEAR SOCIETY TRANSACTIONS, 22, PP83.

YAFFEE, S.L. AND C.A. MILLER, 1975. "TOWARD A REGIONAL POWER PLANT SITING METHOD: AFC-MARYLAND REGIONAL SITING FACTORS STUDY," ORNL/RUS-2, OAK RIDGE NATIONAL LAB, TENN, MAY.

HEALTH EFFECTS OF ATMOSPHERIC POLLUTANTS

ACTON, J.P., 1973. "REVIEW AND CRITIQUE OF EVALUATION METHODOLOGY, MORTALITY, AND MORBIDITY REDUCTION," REP. NO. WN-8429-1-NHLI, RAND CORP., SANTA MONICA, CALIF.

AHERN, W.P., 1974. "MEASURING THE HEALTH EFFECTS OF REDUCTIONS IN AUTOMOTIVE AIR POLLUTION," IN FEDERAL POLICY ON AUTOMOTIVE EMISSIONS CONTROL, BY JACOBY, ET AL., CAMBRIDGE, BALLINGER PRESS.

ANDUP, M.O., 1970. "THE IMPACT OF AIR POLLUTANTS ON PHYSIOLOGIC RESPONSES OF THE RESPIRATORY TRACT," PROCEEDINGS AM. PHIL. SOC., 114, PP3-8.

ANDERSON, D.O., 1967. "THE EFFECTS OF AIR CONTAMINATION ON HEALTH: PART I," CANAD. MED. ASSOC. J., 97, PP52H-536.

ANDERSON, D.O., 1967. "THE EFFECTS OF AIR CONTAMINATION ON HEALTH, PART III," CANADIAN MEDICAL ASSOC. J., 97, P802, SEPTEMBER 23.

ARHIPTI, M., 1974. "STUDY OF LONG-TERM EFFECTS ON HEALTH OF AIR POLLUTION," INTERNATIONAL SYMPOSIUM ENV. HEALTH, PARIS.

AYRES, S.M. AND M.E. BUECHLEY, 1970. "THE EFFECTS OF URBAN AIR POLLUTION ON HEALTH," CLIN. PHARMACOL. THERAP., 11:3, PP337-371.

BATES, D.V., 1974. "THE EFFECTS OF LOW LEVELS OF SO₂ AND OZONE IN THE SAME ATMOSPHERE ON HUMAN PULMONARY FUNCTION," CEC-WHO-EPA SYMPOSIUM ON RECENT ADVANCES IN THE ASSESSMENT OF HEALTH EFFECTS OF ENVIRONMENTAL POLLUTION, PARIS, FRANCE, JUNE.

BATES, D.V., 1967. "AIR POLLUTION AND CHRONIC BRONCHITIS," ARCH. ENV. HEALTH, 14, PP220-224.

HECK, E.G., N. MANDJLOVIC, AND S. FISCHER, 1973. "VERGLEICHENDE UNTERSUCHUNG UBER DIE ZELLTOXIZITAET ATMOSPHAERISCHER SCHADSTOFFE," IN PROCEEDINGS OF THE 3RD INTERNATIONAL CLEAN AIR CONGRESS, DUESSELDORF, GERMANY.

HIERSTEKER, K., 1976. "SULFUR DIOXIDE AND SUSPENDED PARTICULATE MATTER, WHERE DO WE STAND?" ENVIRONMENTAL RESEARCH, 11, PP287-304, JUNE.

BRIDGER, C.A., F.P. FLLIS, AND H.L. TAYLOR, 1976. "MORTALITY IN ST. LOUIS, MISSOURI DURING HEAT WAVES," ENV. RESEARCH, 12, PP38-48.

BOUCFS, A.M., 1959. "CRITIQUE OF THE LINEAR THEORY OF CARCINOGENESIS," SCIENCE, 128, P693.

BUCK, S.F. AND D.A. BROWN, 1964. "MORTALITY FROM LUNG CANCER AND BRONCHITIS IN RELATION TO SMOKE AND SULFUR DIOXIDE CONCENTRATION, POPULATION DENSITY, AND SOCIAL INDEX," TOBACCO RES. COUNCIL, RES. PAPER #7, LONDON.

BUECHLEY, R.W., W.B. RTGGAN, V. HASSELBLAD, AND J.B. VAN BRUGGEN, 1973. "SULFUR DIOXIDE LEVELS AND PERTURBATIONS IN MORTALITY," ARCH. ENVIRONMENTAL HEALTH, 27:3, P134.

BUECHLEY, R.W., ET AL., 1973. "SO₂ LEVELS AND PERTURBATIONS IN MORTALITY, A STUDY IN THE NEW YORK-NEW JERSEY METROPOLIS," ARCH. ENVIRON. HEALTH, 27, PP134-137.

CARNOW, B. AND P. METER, 1972. "AIR POLLUTION AND PULMONARY CANCER," ARCHIVES

CARNOW, B. AND P. METER, 1972. "AIR POLLUTION AND PULMONARY CANCER," ARCHIVES ENV. HEALTH, 27, PP207-218.

CARROLL, R.F., 1973. "EPIDEMIOLOGIC STUDIES OF OXIDANT AND HYDROCARBON AIR POLLUTION," PROCEEDINGS OF THE CONFERENCE ON HEALTH EFFECTS OF AIR POLLUTION, NAS/NRC USGPO, WASHINGTON, D.C., PP541-556, OCTOBER 3-5.

CASSELL, E.J., 1968. "THE HEALTH EFFECTS OF AIR POLLUTION AND THEIR IMPLICATIONS FOR CONTROL," LAW AND CONTEMPORARY PROBLEMS, 33:2, PP197-216, SPRING.

CASSELL, E.J., D.W. WOLTER, J.D. MOUNTAIN, J.R. DIAMOND, I.M. MOUNTAIN, AND J.R. MCCARROLL, 1968. "RECONSIDERATIONS OF MORTALITY AS A USEFUL INDEX OF THE RELATIONSHIP OF ENVIRONMENTAL FACTORS TO HEALTH," AM. J. PUBLIC HEALTH, 58, PP1653-1657.

DASLER, A.R., 1976. "IMPACT OF HEAT STRESS AND STRAIN ON HEALTH," ENVIRONMENTAL RESEARCH, 11:2, PP280-282, APRIL.

DE VILLIERS, A.J., 1970. "EFFECTS OF AIR POLLUTION ON HEALTH," IN MAN AND HIS ENVIRONMENT, M.A. WARD(ED), PERGAMON PRESS, NEW YORK, N.Y., PP159-167.

ETSENBUCH, M.P., ET AL., 1949. "NON-OCCUPATIONAL BERYLLOPSIS," J. IND. HYG. TOXICOLOGY, 31, P 282

FELLIS, H., 1975. "PREDICTING SOC ENVIRONMENTAL IMPACT," POWER, 119:7, P48, JULY.

FELLIS, F.P., F. NELSON, AND L. PINCUS, 1975. "MORTALITY DURING HEAT WAVES IN NEW YORK CITY," ENV. RESEARCH, 10, PP1-13.

FENGEL, R.E., 1971. "ENVIRONMENTAL LEAD AND PUBLIC HEALTH," ENVIRONMENTAL PROTECTION AGENCY, P K, MARCH

ENVIRONMENTAL RESEARCH, 1971. "HAZARDS OF MERCURY," STUDY GROUP ON MERCURY HAZARDS, ENVIRONMENTAL RESEARCH, 4, PP 1-69

ENVIRONMENTAL PROTECTION AGENCY, 1975. "INTERIM PROCEDURES AND GUIDELINES: HEALTH RISK AND ECONOMIC IMPACT ASSESSMENTS OF SUSPECTED CARCINOGENS," 41 F.R. 21402 (MAY 25). 40 F.R. 33020, AND DOCKET NO. RM-50-2, APRIL 30.

ENVIRONMENTAL PROTECTION AGENCY, 1974. "A REPORT FROM C-ESS 1970-1971," REP. NO. 650/1-74-004, ORNL, NFRC/RTP, RESEARCH TRIANGLE PARK, NC.

ENVIRONMENTAL PROTECTION AGENCY, 1972. "EPA'S POSITION ON THE HEALTH EFFECTS OF ATTBORNE LEAD," EPA, HEALTH EFFECTS BRANCH, PROCESSES AND EFFECTS DIVISION, WASHINGTON, D.C., NOVEMBER 22.

FOSTER, S.S., 1974. "ENVIRONMENTAL DETERMINANTS OF HUMAN CANCER," CANCER RESEARCH, 34, P2425.

FEDERAL REGISTER, 1971. "TARIFF OF MAXIMUM PERMISSIBLE CONCENTRATIONS OF MATERIALS IN AIR," 36:157 FEDERAL REGISTER, AUGUST 13.

FENNELLY, P.F., 1975. "PRIMARY AND SECONDARY PARTICULATES AS POLLUTANTS, A LITERATURE REVIEW," J. ATM. POLL. CONT. ASSOC., 25:7, P607, JULY.

FENTER, J.D. AND R.Z. MAIGETTER, 1973. "INTERACTIONS OF VARIOUS ATM POLLUTANTS ON CAUSATION OF PULMONARY DISEASE," TIT RESEARCH INST, CHICAGO, EPA # EPA-650/1-73-002, USGPO, WASHINGTON, D.C.

- FERRIS, R.G., 1970. "TESTS TO ASSESS EFFECTS OF LOW LEVELS OF AIR POLLUTANTS ON HUMAN HEALTH." *ARCH. ENVIRON. HEALTH*, 21, PP553-558.
- FERRIS, R.G., 1969. "CHRONIC LOW-LEVEL AIR POLLUTION USE OF GENERAL MORTALITY AND CHRONIC DISEASE MORBIDITY AND MORTALITY TO ESTIMATE EFFECTS." *ENVIRON. RES.*, 2, PP79-87.
- FERRIS, R.G. AND J.L. WHITTENBERGER, 1966. "ENVIRONMENTAL HAZARDS: EFFECTS OF COMMUNITY AIR POLLUTION ON PREVALENCE OF RESPIRATORY DISEASE." *NEW ENG. J. OF MED.*, 275, PP1413-1419, DECEMBER 22.
- FINKLEA, J.H., ET AL., 1972. "POLLUTANT BURDEN IN HUMANS: A MEASURE OF ENVIRONMENTAL QUALITY," IN INDICATORS OF ENVIRONMENTAL QUALITY, W.A. THOMAS(ED), PLenum Press, N.Y.
- GLASSER, M. AND L. GREENBURG, 1971. "AIR POLLUTION, MORTALITY, AND WEATHER, NEW YORK CITY, 1960-1964." *ARCH. ENVIRON. HEALTH*, 22, PP334-343.
- GOLDSMITH, J.R. AND L. FRJBERG, 1976. "IMPACT OF AIR POLLUTION ON HUMAN HEALTH," IN *ON AIR POLLUTION: A COMPREHENSIVE TREATISE*, A.C. STEPN(ED), CHAPTER 16, ACADEMIC PRESS, NEW YORK, 3RD EDITION.
- GREENBERG, D., 1975. GENERAL DISCUSSIONS ON NCI PRIORITIES AND ENVIRONMENTAL CARCINOGENESIS, *WASHINGTON POST*, JANUARY 19: SCIENCE AND GOVERNMENT REPORT, APRIL 1.
- GROSS, P., 1974. "INGESTED MINERAL FIBERS," INCLUDING COAL DUST; *ARCHIVES ENV. HEALTH*, 29:5, PP341-348, DECEMBER.
- HEMPHILL, D.D. (ED), 1973. TRACE SUBSTANCES IN ENVIRONMENTAL HEALTH, UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI.
- HETTCHE, H.O., 1971. "LUFTVERUNREINIGUNG UND LUJGENKREBS," IN *NATURWISSENSCHAFTEN*, SPR, PP409-413.
- HICKBY, R.J., 1971. "AIR POLLUTION," IN ENVIRONMENT, RESOURCES, POLLUTION AND SOCIETY, W.W. MURDOCK(ED), STRAUER ASSOCIATES PUBLISHERS, STAMFORD, CONN., CHAPTER 9.
- HICKBY, R.J., D.F. ROYCE, E.B. HARPER, AND R.C. CLELLAND, 1971. "EXPLORATORY ECOLOGICAL STUDIES OF VARIABLES RELATED TO CHRONIC DISEASE MORTALITY RATES." INSTITUTE FOR ENVIRONMENTAL STUDIES, GRADUATE SCHOOL OF FINE ARTS, UNIV. OF PA., PA., JULY 30.
- HICKBY, R.J., D.F. ROYCE, E.B. HARPER, AND R.C. CLELLAND, 1970. "ECOLOGICAL STATISTICAL STUDIES CONCERNING ENVIRONMENTAL POLLUTION AND CHRONIC DISEASE," *IEEE TRANS. ON GEOSCI. ELECTRONICS*, GE-9:4, PP185-202.
- HICKBY, R.J., E.P. SCHOFF, AND R.C. CLELLAND, 1967. "RELATIONSHIP BETWEEN AIR POLLUTION AND CERTAIN CHRONIC DISEASE DEATH RATES." *ARCH. ENVIRON. HEALTH*, 15, PP728-738.
- HODGSON, T.A., 1970. "SHORT-TERM EFFECTS OF AIR POLLUTION ON MORTALITY IN NEW YORK CITY." *ENVIRONMENTAL SCIENCE AND TECH.*, 4, PP589-597.
- HOLLAND, W.W. (ED.), 1972. AIR POLLUTION AND RESPIRATORY DISEASES, TECHNOMIC PUB. CO., WESTPORT, CONN.
- HOOPER, R.N., J. FRAIMENT, F.T. CREAGAN, 1974. "MORTALITY FROM STOMACH CANCER

- "IN COAL MINING REGIONS," ARCHIVES ENV. HEALTH, 28:1, P28, JANUARY.
- HUEPER, W.C., 1966. "OCCUPATIONAL AND ENVIRONMENTAL CANCERS OF THE RESPIRATORY SYSTEM," SPRINGER-VERLAG, NEW YORK.
- HUEPER, W.C., ET AL., 1962. "CARCINOGENIC BIOASSAYS ON AIR POLLUTANTS," ARCH. PATHOL., 74, PP39-116.
- TØSEN, J., 1964. "EPIDEMIC MORBIDITY AND MORTALITY IN RELATION TO AIR POLLUTION," ENVIRONMENTAL RES., 2, PP137-141.
- KAUFMAN, G.E. AND S.M. MICHAELSON, 1973. "CRITICAL REVIEW OF THE BIOLOGICAL EFFECTS OF ELECTRIC AND MAGNETIC FIELDS," JR-3490-325, USGPO, WASHINGTON, D.C.
- KELLERER, A.M. AND H.H. ROSSI, "RADIATION CARCINOGENESIS AT LOW DOSES," SCIENCE, 175:4, PP200-203, JANUARY 14.
- KNELSON, J.H., 1974. "DESIGNING THE EXPOSURE/RESPONSE MATRIX IN ENVIRONMENTAL HEALTH STUDIES," PRESENTED AT THE CEC-WHO-EPA SYMPOSIUM ON RECENT ADVANCES IN THE ASSESSMENT OF HEALTH EFFECTS OF ENVIRONMENTAL POLLUTION, PARIS, FRANCE, JUNE.
- LAVE, L.B. AND E.P. SESKIN, 1974. AIR POLLUTION AND HUMAN HEALTH, JOHN HOPKINS UNIVERSITY PRESS, 1974
- LAVE, L.B. AND E.P. SESKIN, 1973. "AN ANALYSIS OF THE ASSOCIATION BETWEEN U.S. MORTALITY AND AIR POLLUTION," J. AMER. STATIS. ASS., 68, PP284-290.
- LAVE, L.B. AND E.P. SESKIN, 1971. "HEALTH AND AIR POLLUTION: THE EFFECT OF OCCUPATIONAL MIX," SWED. J. ECONOMICS, 73, PP76-95.
- LAWTHER, P.J. 1959. "CANCEROPHEN IN DER STAEDTISCHEN LUFT," ZEITSCHRIFT FUER BAKTERIOLOGIE, 1. ABT. 175, DEUTSCHLAND, PP187-193.
- LEWIS, T.P., M.D. AMOUR, M.D. FITZHARD, AND K.I. CAMPBELL, 1972. "TOXICOLOGY OF ATMOSPHERIC SULFUR DIOXIDE DECAY PRODUCTS," EPA, PUBLIC. #AP-111, RESEARCH TRIANGLE PARK, N.C., 42PP, JULY.
- MACPHERSON, P.K., F. OENFELD, AND J.A. WELCH, 1967. "EFFECTS OF PREVAILING AIR TEMPERATURE ON MORTALITY," BRIT. J. PREV. SOC. MED., 21, P17.
- MARTIN, A.E., 1964. "MORTALITY AND MORBIDITY STATISTICS AND AIR POLLUTION," PROC. ROY. SOC. MED., 57, PP969-978.
- MAZUMDAR, R., ET AL., 1975. "AN EPIDEMIOLOGICAL STUDY OF EXPOSURE TO COAL TAR PITCH VOLATILES AMONG COKE OVEN WORKERS," AIR POLL. CONT. ASSOC. J., 25:4, PP382-390, APRIL.
- MCCARROLL, J. AND W. BRADLEY, 1965. "EXCESS MORTALITY AS AN INDICATOR OF HEALTH EFFECTS OF AIR POLLUTION," AM. J. PUB. HEALTH, 55, PP1933-1942.
- MCDONALD, G.C. AND R.C. SCHUTTS, 1973. "INSTABILITIES OF REGRESSION ESTIMATES RELATING AIR POLLUTION TO MORTALITY," TECHNOMETRICS, 15, PP463-481, AUGUST.
- MCQUINTON, C. AND R. FRANK, 1973. "THE ROLE OF RELATIVE HUMIDITY IN THE SYNERGISTIC EFFECT OF SULFUR DIOXIDE AEROSOL MIXTURE ON THE LUNG," SCIENCE, 182, PP503-504, NOVEMBER 2.
- MOLE, R.H., 1971. "RADIATION EFFECTS IN MAN: CURRENT VIEWS AND PROSPECTS," HEALTH PHYSICS, 20, PP485-490.

MORRIS, S.C. AND M.G. MORGAN (EDS). 1974. "HUMAN RESPONSES TO SULFUR POLLUTANTS," PROCEEDINGS OF CONFERENCE, RNL-20328. BROOKHAVEN NATIONAL LAB., UPTON, N.Y., 103PP.

NATIONAL ACADEMY OF SCIENCES. 1973. "PROCEEDINGS OF THE CONFERENCE ON HEALTH EFFECTS OF AIR POLLUTION," WITH NATIONAL RESEARCH COUNCIL, ASSEMBLY OF LIFE SCIENCES, PREPARED FOR COMMITTEE ON PUBLIC WORKS, US SENATE, SERIAL NO. 93-15.

NATIONAL AIR POLLUTION CONTROL ASSOCIATION. 1971. "AIR QUALITY CRITERIA FOR NITROGEN OXIDES." AIR POLLUTION CONTROL OFFICE, PUBLIC. NO. AP-R4, USGPO, WASHINGTON, D.C.

NATIONAL AIR POLLUTION CONTROL ASSOCIATION. 1970. "AIR QUALITY CRITERIA FOR PHOTOCHEMICAL OXIDANTS," AIR POLLUTION CONTROL OFFICE, PUBLIC. NO. AP-63, USGPO, WASHINGTON, D.C.

NATIONAL AIR POLLUTION CONTROL ASSOCIATION. 1970. "AIR QUALITY CRITERIA FOR SULFUR OXIDES," USGPO, WASHINGTON, D.C.

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION. 1970. "NATIONAL EMISSION STANDARDS STUDY, APPENDIX B. DISCUSSION OF LITERATURE ON HEALTH EFFECTS," PUBLIC HEALTH SERVICE, DEPT. OF HEW, MARCH.

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION. 1969. "A COLLECTION OF STUDIES ON THE HEALTH EFFECTS OF AIR POLLUTION ON CHILDREN," US DEPT. OF HEW, NAPCA, RALEIGH, N.C., VOL. 3.

NATIONAL LIBRARY OF MEDICINE. 1975. "SELECTED REFERENCES ON ENVIRONMENTAL QUALITY AS IT RELATES TO HEALTH," NATIONAL LIBRARY OF MEDICINE/HEW REPORT, 5:5, 35PP, MAY.

NATURCH, D.F.S., J.P. WALLACE, AND C.A. EVANS. 1974. "TOXIC TRACE ELEMENTS: PREFERENTIAL CONCENTRATION IN RESPIRABLE PARTICLES," SCIENCE, 183, PP202-204

NEGHERRON, W.O., 1966. "SULFUR DIOXIDE, SULFUR TRIOXIDE, SULFURIC ACID AND FLY ASH: THEIR NATURE AND THEIR ROLE IN AIR POLLUTION," EEI RESEARCH PROJECT RP-62, EEI PUBLIC. NO. 66-900, NEW YORK, N.Y., JUNE.

WICHOLSON, W.J., 1975. "ASBESTOS IN THE ENVIRONMENT: EXTENT, EFFECTS," ONTARIO INDUSTRIAL WASTE CONFERENCE: 2ND. (N.P.):ONTARIO MINISTRY OF THE ENVIRONMENT, PP244-275.

PISCATOR, M., 1976. "HEALTH HAZARDS FROM INHALATION OF METAL FUMES," ENV. RESEARCH, 11, PP268-270.

PLUNKETT, E.P., 1966. HANDBOOK OF INDUSTRIAL TOXICOLOGY, CHEMICAL PUBLISHING COMPANY, INC., NEW YORK, N.Y.

PUTNEY, M., 1972. "DIRTY AIR SHARES BLAME IN LUNG CANCER DEATHS," NATIONAL OBSERVER, P7, SEPTEMBER 23.

RALL, D.P., 1973. "A REVIEW OF THE HEALTH EFFECTS OF SULFUR OXIDES," NIEHS REPORT IN ANSWER TO INQUIRIES FROM MR. ROY ASH, DIRECTOR US OFFICE OF MSR, OCTOBER 9.

RUMMO, N. 1973. "EFFECTS OF POLLUTION ON HUMAN HEALTH," CLINICAL STUDIES BRANCH, ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, D.C., 32PP.

SAGAN, L.A., 1969. "INFANT MORTALITY CONTROVERSY: STERNGLASS AND HIS CRITICS."

BULLETIN OF THE ATOMIC SCIENTISTS, PP 26-32, OCTOBER

SCHIMMEL, H. AND T.J. MURAWSKI, "SO₂ - HARMFUL POLLUTANT OR AIR QUALITY INDICATOR?", J. AIR POLL. CONT. ASSOC., 25:7, P739, JULY.

SCHROEDER, H. AND J.H. BALASSA, "ABNORMAL TRACE METALS IN MAN," JOURNAL OF CHRONIC DISEASES, 14, P 408

SCHIMMEL, H. AND L. GREENBURG, 1972. "A STUDY OF THE RELATION OF POLLUTION TO MORTALITY, NEW YORK CITY, 1963-1968," J. AIR POLL. CONT. ASSOC., 22:8, P616, AUGUST.

SCHWING, R.C. AND G.C. MCDONALD, 1974. "MEASURES OF ASSOCIATION OF SOME AIR POLLUTANTS, NATURAL IONIZING RADIATION AND CIGARETTE SMOKING WITH MORTALITY RATES," GM-1573, GENERAL MOTORS RESEARCH LABS, WARREN, MICH., JUNE 24.

SPEIZER, F.E., 1969. "AN EPIDEMIOLOGICAL APPRAISAL OF THE EFFECTS OF AMBIENT AIR ON HEALTH: PARTICULATES AND OXIDES OF SULFUR," J. AIR POLL. CONT. ASSOC., 19:9, PP647-656, SEPTEMBER.

STEERRINGS, J.H. AND C.G. HAYES, 1976. "PANEL STUDIES OF ACUTE HEALTH EFFECTS OF AIR POLLUTION, I," ENVIRONMENTAL RESEARCH, 11:1, PP89-111, FEBRUARY.

STERN, A.C. (ED), 1969. AIR POLLUTION, 2ND EDITION, ACADEMIC PRESS, NEW YORK, 694PP

STOCKS, P., 1966. "RECENT EPIDEMIOLOGICAL STUDIES OF LUNG CANCER MORTALITY, CIGARETTE SMOKING AND AIR POLLUTION WITH DISCUSSION OF A NEW HYPOTHESIS OF CAUSATION," BRIT. J. CANCER, 20, PP595-623.

STOCKS, P., 1960. "ON THE RELATIONSHIP BETWEEN ATMOSPHERIC POLLUTION IN URBAN AND RURAL LOCALITIES AND MORTALITY FROM CANCER, BRONCHITIS, AND PNEUMONIA, WITH PARTICULAR REFERENCE TO 3,4-BENZOPYRENE, BERYLLIUM, MOLYBDENUM, VANADIUM, AND ARSENIC," BRIT. J. CANCER, 14, PP397-418.

STOKINGER, H.E., 1972. "TOXICITY OF AIRBORNE CHEMICALS: AIR QUALITY STANDARDS - A NATIONAL AND INTERNATIONAL VIEW," ANNU. REV. OF PHARMACOL., 12, PP407-422.

SUNDERMAN, F.W. AND H.J. DONELLY, 1965. "STUDIES ON NICKEL CARCINOGENESIS," AMER. J. PATH., 46, PP 1027-1041

TASK GROUP ON METAL ACCUMULATION, 1973. "ACCUMULATION OF TOXIC METALS WITH SPECIAL REFERENCE TO THEIR ABSORPTION, EXCRETION, AND BIOLOGICAL HALF-TIMES," JIV. PHYSIOL. BIOCHEM., 3, PP65-107.

THOMAS, T.J., 1973. "AN INVESTIGATION INTO EXCESS MORTALITY AND MORBIDITY DUE TO AIR POLLUTION," PURDUE UNIVERSITY, PH.D. UNIVERSITY MICROFILMS THESIS #74-5056, ANN ARBOR, MICH.

US CONGRESS, 1975. "EFFECTS OF CHRONIC EXPOSURE TO LOW-LEVEL POLLUTANTS IN THE ENVIRONMENT," 94TH CONGRESS, HOUSE SUBCOMMITTEE ON THE ENVIRONMENT AND THE ATMOSPHERE OF THE COMMITTEE ON SCIENCE AND TECHNOLOGY, 04:1, NOVEMBER.

WATANABE, H. AND F. KANEKO, 1971. "EXCESS DEATH STUDY OF AIR POLLUTION," IN PROCEEDINGS OF THE SECOND INTERNATIONAL CLEAN AIR CONGRESS, H.M. ENGLUND AND W.T. BEERY(EDS), ACADEMIC PRESS, NEW YORK, N.Y., PP199-200.

WINERSTEIN, W., 1972. "UTILITY OR FUTILITY OF ORDINARY MORTALITY STATISTICS IN THE STUDY OF AIR POLLUTION EFFECTS," IN PROCEEDINGS 4TH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY, L.M. LECAM, J. NEYMAN, AND E.L.

- SCOTT(EDS). UNIV. OF CALIF. PRESS, BERKELEY, VOL. VI, PP539-554.
- WINKELSTEIN, W., 1963. "STOMACH CANCER: POSITIVE ASSOCIATION WITH SUSPENDED PARTICULATE AIR POLLUTION." STATE UNIVERSITY OF NEW YORK, BUFFALO, DEPT. OF PREVENTIVE MEDICINE. 13PP.
- WINKELSTEIN, W., 1969. "THE RELATIONSHIP OF AIR POLLUTION AND ECONOMIC STATUS TO TOTAL MORTALITY AND SELECTED RESPIRATORY SYSTEM MORTALITY IN MAN." ARCH. ENV. HEALTH, 16, PP401-405.
- WINKELSTEIN, W. AND S. KANTOR. 1969. "STOMACH CANCER. POSITIVE ASSOCIATION WITH SUSPENDED PARTICULATE AIR POLLUTION." ARCH. ENV. HEALTH, 18, PP544-547.
- WOHLERS, H.C., 1971. ENVIRONMENTAL HEALTH. ACADEMIC PRESS, NEW YORK, N.Y.
- WORLD HEALTH ORGANIZATION. 1972. "HEALTH HAZARDS OF THE HUMAN ENVIRONMENT," GENEVA, SWITZERLAND.
- WYNDER, E.L. AND F.C. HAMOND. 1957. "A STUDY OF AIR POLLUTION CARCINOGENESIS." CANCER, 15, PP79-92.
- ZITKO, V., 1975. "TOXICITY AND POLLUTION POTENTIAL OF THALLIUM," SCIENCE OF THE TOTAL ENVIRONMENT, 4:2, P155, JULY.

ASSESSMENTS OF ENVIRONMENTAL CONSEQUENCES

BABCOCK, L.P., 1972. "A COMBINED INDEX FOR MEASUREMENT OF TOTAL AIR POLLUTION," IN DETERMINATION OF AIR QUALITY. G. MAMANTOV AND W.D. SHULTS(EDS). PLENUM PRESS, N.Y., PP65-81.

BABCOCK, L.P., 1970. "A COMBINED POLLUTION INDEX FOR MEASUREMENT OF TOTAL AIR POLLUTION," J. AER POLL. CONT. ASSOC., 20:10, PP653-659. OCTOBER.

BABCOCK, L.P. AND V.L. NAGDA. 1973. "COST EFFECTIVENESS OF EMISSION CONTROL," AER POLL. CONT. ASSOC. J., 23:3, PP173-179. MARCH.

BALLOTTI,F.F., C.F.GUARIN, M.D.NELSON, S.A. TOWNSEND, T.E. WILSON, 1975. "LAND AND SEA SOLIDS MANAGEMENT ALTERNATIVES IN PHILADELPHIA." WATER POLLUTION CONTROL FEDERATION JOURNAL, 47:11, PP2551-2564. NOVEMBER.

BANKOSKE, J.W. AND G. MCKEE. 1975. "ECOLOGICAL INFLUENCE OF ELECTRIC FIELDS," PREPARED FOR ELECTRIC POWER RESEARCH INSTITUTE, PROJECT 129, PALO ALTO, CALIF., 20PP, MAY.

BARAN, M.S., 1974. "REGULATION OF ENVIRONMENTAL CARCINOGENS: WHY COST-BENEFIT ANALYSIS MAY BE HARMFUL TO YOUR HEALTH." TECHNOLOGY REVIEW, 78:8, PP40-42. JULY/AUGUST.

BARRITT, L.B., AND WADDILL, T.E., 1973. "COST OF AIR POLLUTION DAMAGE: A STATUS REPORT," US ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NORTH CAROLINA, 73PP

BATTTELLE NORTHWEST LABORATORIES, 1971. "DATA FOR PRELIMINARY DEMONSTRATION PHASE OF THE ENVIRONMENTAL QUALITY INFORMATION AND PLANNING SYSTEM" (EQUIPS)," RNL-B-141.

BENEDICT, H.M., C.J. MILLER, AND J.S. SMITH, 1973. "ASSESSMENT OF ECONOMIC IMPACT OF AIR POLLUTANTS ON VEGETATION IN THE UNITED STATES: 1969 AND 1971," NTIS, SPRINGFIELD, VIRGINIA, 95PP

BILAYLOCK, B.G., ET AL., 1973. "ECOLOGY OF TOXIC METALS," ORNL-NSF-EATC-1, OAK RIDGE NATIONAL LAB, TENN.

CASSELL, F.J., 1969. "AIR POLLUTION - THE RELATIONSHIP BETWEEN HEALTH EFFECTS AND CONTROL PHILOSOPHY." IEEE TRANS. GEOSC. ELECTRON., GE-7, PP220-226, OCT.

ENGSTROM, A., 1971. "AIR POLLUTION ACROSS NATIONAL BOUNDARIES, THE IMPACT ON THE ENVIRONMENT OF SULFUR IN AIR AND PRECIPITATION." REPORT OF THE SWEDISH PREPARATORY COMMITTEE FOR THE J.N. CONFERENCE ON HUMAN ENVIRONMENT, KUNGSL. BOKTRYCKERIET P.A. NORSTEDT ET SONER, STOCKHOLM, 96PP

ENVIRONMENTAL PROTECTION AGENCY, 1975. "COST OF AIR AND WATER POLLUTION REPORT FOR 1975." PREPARED FOR US CONGRESS, WASHINGTON D.C.

ENVIRONMENTAL PROTECTION AGENCY, 1974. "BIO-ENVIRONMENTAL IMPACT OF AIR POLLUTION FROM FOSSIL POWER PLANTS," NATIONAL ECOLOGICAL RESEARCH LAB, EPA# EPA-660/3-74-011, CORVALLIS, ORE.

ENVIRONMENTAL PROTECTION AGENCY, 1974. "ECONOMIC EFFECTS OF AIR QUALITY STANDARDS," ENVIRONMENTAL PROTECTION AGENCY REPORT, RESEARCH TRIANGLE PARK, NC.

ENVIRONMENTAL PROTECTION AGENCY, 1972. "THE ECONOMICS OF CLEAN AIR," REPORT TO US CONGRESS, USEPA, WASHINGTON D.C.

- EPSTEIN, S.S., 1976. "THE POLITICAL AND ECONOMIC BASIS OF CANCER," TECHNOLOGY REVIEW, 78:8, PP34-43, JULY/AUGUST.
- FREEMAN, A.M., R.H. HAVEMAN, AND A.V. KNEESE, 1973. THE ECONOMICS OF ENVIRONMENTAL POLICY. JOHN WILEY AND SONS INC., NEW YORK, N.Y.
- GOLDMAN, M., 1974. "COMPARISON SCALES FOR RADIOACTIVE AND NONRADIOACTIVE HAZARDS," IN ENERGY, THE ENVIRONMENT, AND HUMAN HEALTH, A.J. FINKEL(ED), PIBR. SCIENCES GROUP, INC., ACTON, MASS., P181.
- GOLDSMITH, J.R., 1969. "NONDISEASE EFFECTS OF AIR POLLUTION," ENVIRON. RES., 2, PP93-101.
- HAYNTE, F.H., 1974. "THE ECONOMICS OF CLEAN AIR IN PERSPECTIVE," MATERIALS PERFORM., 13:4, PP33-39.
- HITTE, J.C., H.H. MACAULAY, J. STEPP, AND B. YANDLE, 1972. THE ECONOMICS OF ENVIRONMENTAL QUALITY, AMERICAN ENTERPRISE INSTITUTE, WASHINGTON D.C.
- HORNACK, K.E., I. GUTTMAN, H.L. HIMMELSTEIN, A. RAPPAPORT, AND R. REYNA, 1973. "STUDIES IN ENVIRONMENT - VOLUME II - QUALITY OF LIFE." EPA-600/5-73-012B, USEPA, WASHINGTON, D.C.
- JONES, H.B., 1972. "ECONOMICS OF ENVIRONMENTAL QUALITY: AN ECOLOGICAL PERSPECTIVE," J. OF ENVIRONMENTAL SYSTEMS, 2:3, PP243-254, SEPTEMBER.
- KNEESE, A.V., 1971. "ENVIRONMENTAL POLLUTION: ECONOMICS AND POLICY," AMERICAN ECONOMIC REVIEW, 61:2, P153
- KNEESE, A.V., 1968. "ECONOMICS AND THE QUALITY OF THE ENVIRONMENT: SOME EMPIRICAL EXPERIENCES," IN SOCIAL SCIENCES AND THE ENVIRONMENT, M.E. GARNSEY AND L.R. HIRSH(EDS), UNIV. OF COLORADO, DENVER.
- KNEESE, A.V., 1966. "HOW MUCH IS AIR POLLUTION COSTING US IN THE U.S.?", PROCEEDINGS 3RD NATIONAL CONFERENCE ON AIR POLLUTION, US PUBLIC HEALTH SERVICE PUBLTC. #1644, WASHINGTON, D.C., DECEMBER.
- KNEESE, A.V., R.I. AYRES, AND R.C. DIARGE, 1970. ECONOMICS AND THE ENVIRONMENT: A MATERIALS BALANCE APPROACH. JOHNS HOPKINS UNIV. PRESS, BALTIMORE.
- LANG, G.F., 1971. "SURVEY OF SELECTED ECOLOGICAL EFFECTS FROM ELECTRIC POWER PRODUCTION," OAK RIDGE NATIONAL LAB., TENN.
- LARSEN, R.I., 1970. "RELATING AIR POLLUTION EFFECTS TO CONCENTRATIONS AND CONTROL," AIR POLL. CONT. ASSOC. J., 20, PP214-225.
- LAVE, L.B., 1972. "AIR POLLUTION DAMAGE: SOME DIFFICULTIES IN ESTIMATING THE VALUE OF ABATEMENT," IN ENVIRONMENTAL QUALITY ANALYSIS, A.V. KNEESE AND B.T. ROWER(EDS), JOHNS HOPKINS UNIV. PRESS, BALTIMORE.
- LAVE, L.B., 1971. "A BENEFIT-COST ANALYSIS OF AIR POLLUTION ABATEMENT," PROCEEDINGS OF THE INTERSOCIETY ENERGY CONVERSION ENGINEERING CONFERENCE, PP337-345, AUGUST 3-5.
- MICHELSON, I. AND H. TOURIN, 1966. "COMPARATIVE METHODS FOR STUDYING THE COSTS OF CONTROLLING AIR POLLUTION," PUBLIC HEALTH REP., 81, PP505-511.
- MIDWEST RESEARCH INSTITUTE, 1974. "SYSTEMS ANALYSIS OF THE EFFECTS OF AIR POLLUTION ON MATERIALS," KANSAS CITY, MO.

- MITRE CORP., 1974. "ECONOMICS OF A CLEAN ENVIRONMENT," PROCEEDINGS OF A SYMPOSIUM OF MITRE AND AMERICAN GEOPHYSICAL UNION, MCLEAN, VA. 22101, JANUARY.
- REIDHAM, H., 1972. "ESTABLISHING PRIORITIES AMONG ENVIRONMENTAL STRESSES," IN INDICATORS OF ENVIRONMENTAL QUALITY, W.A. THOMAS(ED), PLENUM PRESS, N.Y., P71.
- RICE, D., 1966. "ESTIMATING THE COST OF ILLNESS," PHS PUBL. NO. 947-6, USGPO, WASHINGTON, D.C.
- RODKER, R.G., 1967. ECONOMIC COST OF AIR POLLUTION - STUDIES IN MEASUREMENT, F.A. PRAEGER, N.Y., PP 55-56
- ROHWER, P.S. AND E.G. STRUXNESS, 1972. "ENVIRONMENTAL INDICES FOR RADIOACTIVE RELEASES," IN INDICATORS OF ENVIRONMENTAL QUALITY, W.A. THOMAS(ED), PLENUM PRESS, NEW YORK, N.Y., P249.
- SALMON, R.L., 1970. "SYSTEMS ANALYSES OF THE EFFECTS OF AIR POLLUTION ON MATERIALS," MIDWEST RESEARCH INSTITUTE.
- SEARLES, H.F., 1972. "UNCONSCIOUS PROCESSES IN RELATION TO THE ENVIRONMENTAL CRISIS," THE PSYCHOANALYTIC REVIEW, 59:3, P361-374, FALL.
- SFNECA, J.J. AND M.K. TAUSIG, 1974. ENVIRONMENTAL ECONOMICS, PRENTICE-HALL, ENGLEWOOD CLIFFS, N.J.
- SHULTS, W.D. AND J.J. BEAUCHAMP, 1973. "DEVELOPMENT OF AIR QUALITY INDICES," SUMMARY REPORT, ORNL-NSF-EP-16, OAK RIDGE NATIONAL LAB., TENN., 69PP, JULY.
- SOLON, R.M., 1971. "THE ECONOMIST'S APPROACH TO AIR POLLUTION AND ITS CONTROL," SCIENCE, 173, P498.
- STOKINGER, H.F., 1972. "CONCEPTS OF THRESHOLDS IN STANDARDS SETTING," ARCH. ENVIRONMENTAL HEALTH, 25, PP153-157.
- THOMAS, W.A., L.P. BABCOCK, AND W.D. SHULTS, 1971. "OAK RIDGE AIR QUALITY INDEX," ORNL-NSF-EP-2, OAK RIDGE NATIONAL LAB, TENN.
- THOMAS, W.A.(ED), 1972. INDICATORS OF ENVIRONMENTAL QUALITY, PLENUM PRESS, NEW YORK, N.Y.
- TYLER, G., 1972. "HEAVY METALS POLLUTE NATURE, MAY REDUCE PRODUCTIVITY," AMBIO, 1:2, PP52-59, APRIL.
- VARS, C.R. AND G. SOPENSON, 1972. "STUDY OF THE ECONOMIC EFFECTS OF CHANGES IN AIR QUALITY," OREGON STATE UNIV., EPA-RD-72-J06, NTIS#PB 219 993, SPRINGFIELD, VA. 22151.
- WADDELL, T.E., 1974. "THE ECONOMIC DAMAGES OF AIR POLLUTION," EPA, WASHINGTON ENVIRONMENTAL RESEARCH CENTER, EPA-600/5-74-012, WASHINGTON, D.C., MAY.
- WARNER, M. AND H. PRESTON, 1974. "REVIEW OF ENVIRONMENTAL IMPACT ASSESSMENT METHODOLOGIES," RATTIFLE COLUMBUS LABS, EPA # EPA-600/5-74-002, USGPO, WASHINGTON, D.C.
- WAYNE, L.G., A. KOKIN, AND M.T. WEISHUP, 1973. "CONTROLLED EVALUATION OF THE REACTIVE ENVIRONMENTAL SIMULATION MODEL (RESM)," FINAL REPORT AND USERS MANUAL, FOR EPA, NTIS #PR-220 456, 220 457, SPRINGFIELD, VA. 22151.
- WHITMAN, I., ET AL., 1971. "DESIGN OF AN ENVIRONMENTAL EVALUATION SYSTEM,"

BATTLEFILE-COLUMBUS REPORT TO US BUREAU OF RECLAMATION, CONT. #14-06-D-7005,
NTIS #PB-201 743, WASHINGTON, D.C.

U.S. GEOLOGICAL SURVEY, 1971. "INFORMATION MATRIX FOR ENVIRONMENTAL IMPACT
ASSESSMENT," U.S. DEPT. OF THE INTERIOR, CIRC. 645, 1200 S. EADS STREET,
ARLINGTON, VA. 22202.

WOHLGEMUTH, R., 1974. "CONSIDERATION ON A PRAGMATIC CHARGE STRATEGY WITHIN THE
FRAMEWORK OF AN ENERGY POLICY ORIENTED ON THE ENVIRONMENT," BRENNSTOFF
WÄRME-KRAFT, 26:12, P491, DECEMBER.

WOLFF, GARWOOD R., 1974. ENVIRONMENTAL INFORMATION SOURCES HANDBOOK, 1974

WOLZIN, H. (ED.), 1966. THE ECONOMICS OF AIR POLLUTION.

WOODCOCK, K.P., 1971. "A MODEL FOR REGIONAL AIR POLLUTION COST/BENEFIT ANALYSIS"

YOCOM, J.F. AND P.O. MCCALPIN, 1968. "EFFECTS OF AIR POLLUTION ON MATERIALS
AND THE ECONOMY." IN AIR POLLUTION, A. STERN(ED), ACADEMIC PRESS, N.Y.

SYSTEMS AND DECISION THEORY

FICHHOLZ, G.G., 1975. "RISK-BENEFIT AND COST-BENEFIT METHODOLOGY," AMERICAN NUCLEAR SOCIETY TRANSACTIONS, 22, PP83-84.

HOWARD, R.A., 1968. "THE FOUNDATION OF DECISION ANALYSIS." IEEE TRANSACTIONS ON SYSTEMS SCIENCE AND CYBERNETICS, SSC-4:3. SEPTEMBER.

MILLER, W.L. AND D.M. RYERS, 1973. "DEVELOPMENT AND DISPLAY OF MULTIPLE OBJECTIVE PROJECT IMPACTS." WATER RESOURCES RESEARCH J., 9:1, PP11-20, FEB.

STARP, C., 1969. "SOCIAL BENEFIT VS. TECHNOLOGICAL RISK." SCIENCE, 165, PP 1232-1238. SEPTEMBER

TICHENOR, S.P., 1975. "STRUCTURING INFORMATION SYSTEMS FOR DECISION MAKERS: AN ASSESSMENT." ORNL/UR-122, OAK RIDGE NATIONAL LAB, TENN. JANUARY.