



RADIOACTIVE WASTE
MANAGEMENT ASSOCIATES

Marvin Resnikoff, Ph.D. Curriculum Vitae

EDUCATION:

Ph.D., Physics
M.S., Physics
B.A., Physics/Math

1965, University of Michigan
1962, University of Michigan
1959, University of Michigan

SUMMARY OF PROFESSIONAL EXPERIENCE:

Marvin Resnikoff is Senior Associate at Radioactive Waste Management Associates and is an international consultant on radioactive waste management issues. He is Principal Manager at Associates and is Project Director for dose reconstruction and risk assessment studies of radioactive waste facilities and transportation of radioactive materials. Dr. Resnikoff has concentrated exclusively on radioactive waste issues since 1974 and on naturally occurring radioactive materials since 1992. He has authored or co-authored four books on radioactive waste issues. In June 2000, he was appointed to a Blue Ribbon Panel on Alternatives to Incineration by DOE Secretary Bill Richardson. In August 2010, he was an invited panelist before the President's Blue Ribbon Commission on Nuclear Safety. In October 2012, he was an invited panelist to the annual Water Environment Federation conference, on the subject of hydraulic fracturing of Marcellus shale for natural gas. In 2012 he published papers on radon in natural gas and on the fate and transport of radioactive materials from hydraulic fractured wells in the Marcellus shale formation.

He has conducted dose reconstruction studies of oil pipe cleaners in Mississippi and Louisiana, residents of Canon City, Colorado near a former uranium mill, residents of West Chicago, Illinois near a former thorium processing plant, and residents and former workers at a thorium processing facility in Maywood, New Jersey. He has also served as an expert witness for plaintiffs in Karnes County, Texas, Milan, New Mexico and Uravan, Colorado, who were exposed to radioactivity from uranium mining and milling activities. He is continuing to work on personal injury cases involving former workers and residents at the ITCO and other oil pipe cleaning yards in Louisiana and Texas. He also evaluated radiation exposures and risks in worker compensation cases involving former workers at Maywood Chemical Works thorium processing plant. He also served as an expert witness in a case involving the Port St. Lucie reactors and brain cancer developed by two children

and in a case involving clean-up of an abandoned radioactive materials processing facility in Webster, Texas.

In addition to dose reconstruction and land contamination cases, Dr. Resnikoff also works on the storage of nuclear fuel at reactors and, for the State of Nevada, the risk of transporting radioactive material. Under a contract with the State of Utah, Dr. Resnikoff was a technical consultant to DEQ on the proposed dry cask storage facility for high-level waste at Skull Valley, Utah. He assisted the State on licensing proceedings before the Nuclear Regulatory Commission. He has also prepared studies on transportation risks and consequences for the State of Nevada and the Nevada counties: Clark, White Pine, Lander and Churchill. In addition, at hearings before state commissions and in federal court, he investigated proposed dry storage facilities at the Point Beach (WI), Prairie Island (MN), Palisades (MI), Maine Yankee, Connecticut Yankee and Vermont Yankee reactors. He is presently working for the State of Nevada on Yucca Mountain repository issues before the Nuclear Regulatory Commission (NRC). He is also serving as an expert witness for Earthjustice on a proposed NRC license for a food irradiator at the Honolulu, Hawaii airport.

He has conducted studies on the remediation and closure of the leaking Maxey Flats, Kentucky radioactive landfill for Maxey Flats Concerned Citizens, Inc. and of the leaking uranium basin on the NMI/Starmet site in Concord, Massachusetts under grants from the Environmental Protection Agency. He co-authored a study on the cost of remediating the former West Valley, New York reprocessing plant site. He also conducted studies of the Wayne and Maywood, New Jersey thorium Superfund sites and proposed low-level radioactive waste facilities at Martinsville (Illinois), Boyd County (Nebraska), Wake County (North Carolina), Ward Valley (California) and Hudspeth County (Texas). He investigated phosphogypsum plants in Florida, Texas and Alberta, Canada, and served as an expert witness in a personal injury case involving a Texas phosphogypsum worker. He also served as an expert witness for CRPE, a public interest groups, regarding the proposed expansion of the Buttonwillow, California NORM landfill. He is presently working for Earthjustice re. the licensing of an irradiation facility near the Honolulu airport in Hawaii.

In Canada, he conducted studies on behalf of the Coalition of Environmental Groups and Northwatch for hearings before the Ontario Environmental Assessment Board on issues involving radioactive waste in the nuclear fuel cycle and Elliot Lake tailings and the Interchurch Uranium Coalition in Environmental Impact Statement hearings before a Federal panel regarding the environmental impact of uranium mining in Northern Saskatchewan. He also worked on behalf of the Morningside Heights Consortium regarding radium-contaminated soil in Malvern and on behalf of Northwatch regarding decommissioning the Elliot Lake tailings area before a FEARO panel. He conducted a study for Concerned Citizens of Manitoba regarding transportation of irradiated fuel to a Canadian high-level waste repository. He is presently working for Greenpeace reviewing the environmental assessment for a proposed intermediate level waste repository under Lake Huron, and for the Provincial Womens Council of Ontario on radioactive waste management costs in a proceeding before the Ontario Energy Board.

In February 1976, assisted by four engineering students at State University of New York at Buffalo, Dr. Resnikoff authored a paper that, according to *Science*, changed the direction of power reactor decommissioning in the United States. His paper showed that power reactors could not be entombed for long enough periods to allow the radioactivity to decay to safe enough levels for unrestricted release. The presence of long-lived radionuclides meant that large volumes of decommissioning waste would still have to go to low-level or high-level waste disposal facilities. He assisted public interest groups on the decommissioning of the Yankee-Rowe, Diablo Canyon, Big Rock Point and Haddam Neck reactors.

He was formerly Research Director of the Radioactive Waste Campaign, a public interest organization conducting research and public education on the radioactive waste issue. His duties with the Campaign included directing the research program on low-level commercial and military waste and irradiated nuclear fuel transportation, writing articles, fact sheets and reports, formulating policy and networking with numerous environmental and public interest organizations and the media. He is author of the Campaign's book on "low-level" waste, *Living Without Landfills*, and co-author of the Campaign's book, *Deadly Defense, A Citizen Guide to Military Landfills*.

Between 1981 and 1983, Dr. Resnikoff was a Project Director at the Council on Economic Priorities, a New York-based non-profit research organization, where he authored the 390-page study, *The Next Nuclear Gamble, Transportation and Storage of Nuclear Waste*. The CEP study details the hazard of transporting irradiated nuclear fuel and outlines safer options.

Dr. Resnikoff is an international expert in nuclear waste management, and has testified often before State Legislatures and the U.S. Congress. He has extensively investigated the safety of the West Valley, New York and Barnwell, South Carolina nuclear fuel reprocessing facilities. His paper on reprocessing economics (*Environment*, July/August, 1975) was the first to show the marginal economics of recycling plutonium. He completed a more detailed study on the same subject for the Environmental Protection Agency, "Cost/Benefits of U/Pu Recycle," in 1983. His paper on decommissioning nuclear reactors (*Environment*, December, 1976) was the first to show that reactors would remain radioactive for several hundred thousand years. In March 2004, Dr. Resnikoff was project director and co-author of a study of groundwater contamination at DOE facilities, *Danger Lurks Below*.

Dr. Resnikoff has prepared reports on incineration of radioactive materials, transportation of irradiated fuel and plutonium, reprocessing, and management of low-level radioactive waste. He has served as an expert witness in state and federal court cases and agency proceedings. He has served as a consultant to the State of Kansas on low-level waste management, to the Town of Wayne, New Jersey, in reviewing the cleanup of a local thorium waste dump, to WARD on disposal of radium wastes in Vernon, New Jersey, to the Southwest Research and Information Center and New Mexico Attorney General on shipments of plutonium-contaminated waste to the WIPP facility in New Mexico and the State of Utah on nuclear fuel transport. He has served as a consultant to the New York

Attorney General on air shipments of plutonium through New York's Kennedy Airport, and transport of irradiated fuel through New York City, and to the Illinois Attorney General on the expansion of the spent fuel pools at the Morris Operation and the Zion reactor, to the Idaho Attorney General on the transportation of irradiated submarine fuel to the INEL facility in Idaho and to the Alaska Attorney General on shipments of plutonium through Alaska. He was an invited speaker at the 1976 Canadian meeting of the American Nuclear Society to discuss the risk of transporting plutonium by air. As part of an international team of experts for the State of Lower Saxony, the Gorleben International Review, he reviewed the plans of the nuclear industry to locate a reprocessing and waste disposal operation at Gorleben, West Germany. He presented evidence at the Sizewell B Inquiry on behalf of the Town and Country Planning Association (England) on transporting nuclear fuel through London. In July and August 1989, he was an invited guest of Japanese public interest groups, Fishermen's Cooperatives and the Japanese Congress Against A- and H-Bombs (Gensuikin).

Between 1974 and 1981, he was a lecturer at Rachel Carson College, an undergraduate environmental studies division of the State University of New York at Buffalo, where he taught energy and environmental courses. The years 1975-1977 he also worked for the New York Public Interest Group (NYPIRG).

In 1973, Dr. Resnikoff was a Fulbright lecturer in particle physics at the Universidad de Chile in Santiago, Chile. From 1967 to 1973, he was an Assistant Professor of Physics at the State University of New York at Buffalo. He has written numerous papers in particle physics, under grants from the National Science Foundation. He is a 1965 graduate of the University of Michigan with a Doctor of Philosophy in Theoretical Physics, specializing in group theory and particle physics. Dr. Resnikoff is a member of the American Public Health Association and the Health Physics Society.

PROFESSIONAL EXPERIENCE:

April 1989 - present **Senior Associate**, Radioactive Waste Management Associates, management of consulting firm focused on radioactive waste issues, evaluation of nuclear transportation and military and commercial radioactive waste disposal facilities.

1978 - 1981; 1983 - April 1989 **Research Director**, Radioactive Waste Campaign, directed research program for Campaign, including research for all fact sheets and the two books, *Living Without Landfills*, and *Deadly Defense*. The fact sheets dealt with low-level radioactive waste landfills, incineration of radioactive waste, transportation of high-level waste and decommissioning of nuclear reactors. Responsible for fund-raising, budget preparation and project management.

- 1981 - 1983 **Project Director**, Council on Economic Priorities, directed project which produced the report *The Next Nuclear Gamble*, on transportation and storage of high-level waste.
- 1974 - 1981 **Instructor**, Rachel Carson College, State University of New York at Buffalo, taught classes on energy and the environment, and conducted research into the economics of recycling of plutonium from irradiated fuel under a grant from the Environmental Protection Agency.
- 1975 - 1976 **Project Coordinator**, SUNY at Buffalo, New York Public Interest Research Group, assisted students on research projects, including project on waste from decommissioning nuclear reactor.
- 1973 **Fulbright Fellowship** at the Universidad de Chile, conducting research in elementary particle physics.
- 1967 - 1972 **Assistant Professor of Physics**, SUNY at Buffalo, conducted research in elementary particle physics and taught range of graduate and undergraduate physics courses.
- 1965 - 1967 **Research Associate**, Department of Physics, University of Maryland, conducted research into elementary particle physics.

PROFESSIONAL ORGANIZATIONS:

Health Physics Society

SPECIAL SPEAKING ENGAGEMENTS:

- 1967 Invited Speaker, w/ O.W. Greenberg, Meeting of the American Physical Society, Washington, D.C., "Symmetric Quark Model of Baryon Resonances," Conf-670414—6.
- 1976 Invited Speaker, Meeting of the American Nuclear Society, Toronto, Canada, "Comparison of risk assessments of Pu released during transport."
- 1976 Statement before the Subcommittee on Energy and the Environment of the Interior Committee, House of Representatives, on recycling of plutonium.
- 1977 Statement before the Subcommittee on Government Operations, House of Representatives, on Nuclear Power Costs
- 1979 Chaired panel w/Dr. Karl Morgan and Dr. Alice Stewart, Gorleben International Review, on the health effects of radiation, Hanover, Germany.
- 2000 Invited day-long seminar presentation to the California Department of Health on the health effects of radiation
- 2002 Testimony before the Committee on Transportation & Infrastructure, United

- States House of Representatives, on transportation of nuclear materials.
- 2003 Presentation before the National Academy of Sciences Study Committee on Transportation of Radioactive Waste, Las Vegas, NV, “Baltimore Tunnel Fire: Implications for SNF Transportation Safety.”
- 2006 Biglin, K. and Resnikoff, M, Emergency Response to a Nuclear Waste Shipment Accident, Inyo County, June 15, 2006, paper presented at ESRI Annual Conference, August 2006.
- 2008 Invited Speaker, Meeting of the American Nuclear Society, Anaheim, CA, “State of Nevada Recommendations for Yucca Mountain Transportation Safety and Security.”
- 2008 Presentation at Waste Management 2008, Phoenix, AZ, “Fugitive Dust Emissions from Uranium Haul Roads.”
- 2008 Presentation at Waste Management 2008, Phoenix, AZ, “State of Nevada Perspective on the US DOE Yucca Mountain Transportation Program.”
- 2010 Invited panelist before the President’s Blue Ribbon Commission on Nuclear Safety.
- 2012 Invited panelist at the annual Water Environment Federation conference, on the subject of hydraulic fracturing of Marcellus shale for natural gas.

Books and Articles

Resnikoff, M, “Expensive Enrichment,” *Environment*, July/August 1975, pp. 28–35.

Harwood, S *et al*, “The Cost of Turning It Off,” *Environment*, December 1976, pp.17-26.

M. Resnikoff, “Environmental Perspective.” Chapter 7 in “The Politics of Nuclear Waste,” edited by William Colglazier, Pergamon Press, 1982

M. Resnikoff, *et al*, “The Next Nuclear Gamble, Transportation and Storage of Nuclear Waste,” Council on Economic Priorities, 1983.

M. Resnikoff, “Shipping Flasks in Severe Rail Accidents,” Chapter 18 in “The Urban Transportation of Irradiated Fuel,” edited by John Surrey, Macmillan Press, London, 1984.

M. Resnikoff, “Living Without Landfills,” Radioactive Waste Campaign, 1988.

M. Resnikoff, *et al*, “Deadly Defense, A Citizen Guide to Military Landfills,” Radioactive Waste Campaign, 1989.

M. Marvin Resnikoff, “The Generation Time Bomb: Radioactive and Chemical Wastes.” Chapter in “Hidden Dangers: Environmental Consequences of Preparing for War,” edited by Anne Ehrlich and John Birks, Sierra Club Books, San Francisco, 1990.

I. Fairlie and M. Resnikoff, "No Dose Too Low," *The Bulletin of Atomic Scientists*, Nov/Dec 1997.

M. Resnikoff, "Danger Lurks Below," *Alliance for Nuclear Accountability*, 2004.

TECHNICAL REPORTS 1991-2008

RWMA, White Paper #1, Sources of Low-Level Waste in Connecticut, prepared on behalf of the Towns of East Windsor, Ellington and South Windsor, September 30, 1991.

RWMA, White Paper #2, Low-Level Waste Transportation in Connecticut, prepared on behalf of the Towns of East Windsor, Ellington and South Windsor, October 2, 1991.

RWMA, White Paper #3, Statement by Dr. Marvin Resnikoff on Chem-Nuclear, prepared on behalf of the Towns of East Windsor, Ellington and South Windsor, October 29, 1991.

RWMA, White Paper #4, Leakage From Existing 'Low-Level' Waste Disposal Facilities, prepared on behalf of the Towns of East Windsor, Ellington and South Windsor, January 6, 1992.

Marvin Resnikoff and Anne Vanrenterghem, Preliminary Review of US Ecology Safety Analysis Report, Proposed Boyd County, Nebraska Low-Level Waste Facility, prepared on behalf of the Boyd County Local Monitoring Committee, February 2, 1992.

Marvin Resnikoff, Radon Releases from Uranium Tailings and Projected Health Effects, prepared on behalf of Northwatch Coalition, February 17, 1992.

RWMA, White Paper #5, Storage of Low-Level Radioactive Waste, prepared on behalf of the Towns of East Windsor, Ellington and South Windsor, February 19, 1992.

Marvin Resnikoff, Scope: McArthur River and Cigar Lake Projects, Memo to Inter Church Uranium Council, February 27, 1992.

Richard Leigh, Marvin Resnikoff and Anne Vanrenterghem, Environmental Impacts of Elliot Lake Mill Tailings, prepared on behalf of Northwatch Coalition, March 30, 1992.

Marvin Resnikoff, Canadian High-Level Waste Repository Costs, Memo to David Poch and David Argue, Coalition of Environmental Groups, April 2, 1992.

Minard Hamilton, Low Level Waste Facilities in Canada and the U.S., prepared on behalf of Northwatch Coalition, April 22, 1992.

Marvin Resnikoff, Comment on Midwest Joint Venture EIS, Memo to Inter Church Uranium Council, April 23, 1992.

Benjamin A. Goldman, Review of Environmental Report Social and Economic Impact Assessments: Proposed Low-Level Radioactive Waste Disposal Facility, prepared on behalf of Northwatch Coalition, June 25, 1992.

Lee DiTullio and Marvin Resnikoff, Review of Safety Analysis Report Part 1: Geology, Hydrology Proposed Low-Level Waste Facility Butte, Nebraska, prepared on behalf of the Boyd County Local Monitoring Committee, June 29, 1992.

Marvin Resnikoff, Mythbuster#8, "Low-Level" Radioactive Waste, for Safe Energy Communications Council, Summer 1992.

Marvin Resnikoff, Comments on Final Guidelines for the Preparation of an Environmental Impact Statement on the Nuclear Fuel Waste Management and Disposal Concept, July 22, 1992.

Marvin Resnikoff, NMI's Proposed Hydromet Project, Memo to Judy Scotnicki, Concerned Citizens of Concord, July 29, 1992.

Marvin Resnikoff and Lee DiTullio, Review of Safety Analysis Report Part 2: Risk Assessment Proposed Low-Level Waste Facility Butte, Nebraska, prepared on behalf of the Boyd County Local Monitoring Committee, August 7, 1992.

RWMA, Comments on McClean Lake Project EIS, prepared on behalf of the Inter-Uranium Coalition, June 30, 1992.

Lee DiTullio and Karen Levine, Comments on Cluff Lake EIS, prepared on behalf of the Inter-Church Uranium Coalition, July 20, 1992.

Marvin Resnikoff, Plutonium Ship Akatsuki Maru Consequences of Fire at the Pearl Harbor Naval Shipyard, prepared on behalf of Greenpeace, August 24, 1992.

Marvin Resnikoff, Waste Impacts of the Nuclear Fuel Cycle, prepared on behalf of Coalition of Environmental Groups, November 1992.

Marvin Resnikoff, Declarations on the safety of shipping naval fuel from shipyards to Idaho before the Federal District Court, prepared on behalf of the Idaho Attorney General, March 1993.

Marvin Resnikoff, Declaration on the safety of the VSC-24 storage cask before the Federal District Court on behalf of the Lake Michigan Federation, May 1993.

Marvin Resnikoff, Talk at a Town Meeting in Grand Rapids, Michigan, June 22, regarding the safety of the VSC-24 storage container at the Palisades reactor.

Marvin Resnikoff, Reports to two environmental assessment panels reviewing the environmental impact of proposed mining operations in Northern Saskatchewan, prepared on behalf of the Interchurch Uranium Coalition, May 12 and June 14, 1993.

Marvin Resnikoff, Presentation before the Ohio Governor's Blue Ribbon Committee on siting a low-level waste facility in Ohio for the Midwest Compact, July 1993.

Marvin Resnikoff, Report on the safety of processing and storing radium-contaminated wastes in the Tapscott district of Scarborough, Toronto, prepared on behalf of the Coalition Against Radioactive Tapscott, November 1, 1993.

Marvin Resnikoff, Remarks before the Department of Energy meeting on the Multi-Purpose Canister, Washington, D.C., November 16, 1993.

Marvin Resnikoff, Report on the scoping guidelines for production of an Environmental Impact Statement (EIS) for decommissioning of the Elliot Lake uranium tailings and report on the draft EIS by Rio Algom for the decommissioning of Quirk and Panel tailings, Elliot Lake, prepared on behalf of Algoma-Manitoulin Nuclear Awareness, December 15, 1993.

Resnikoff, M and Haaker, R, "Estimated Radiation Dose received by James E Case, et al, during Pipe De-scaling Operations at Brookhaven, Mississippi," report prepared in the case Case v. Chevron, January 23, 1994.

Radioactive Waste Management Associates, "Soil Separation: What It Means For Wayne," report prepared for the Town of Wayne, New Jersey, May 24, 1994.

Resnikoff, M and Fuchsman, P, "Comments on the Department of Energy's Baseline Risk Assessment for the Wayne Site, Wayne, New Jersey, January 1994," May 31, 1994.

Resnikoff, M, "Radiation Dose Exposures Received by William Davis During Lens Polishing Operation," report prepared for the case Davis v Transelco et al, July 1, 1994.

Leigh, RL and Resnikoff, M, "Estimated Exposure to Radiation and Metals Received by Lincoln Park Residents from Cotter Mill Operations," report prepared for the case J Dodge et al v. Commonwealth Edison, July 1, 1994.

Resnikoff, M, Affidavit prepared on behalf of plaintiffs in the United States District Court for the Eastern District Of Tennessee at Knoxville, Euchee Marina & Campground, Inc. et al, plaintiffs, v Union Carbide Corporation, et al, defendants, July 15, 1994.

Resnikoff, M, Leigh, RL and Fuchsman, P, "Comments on the Department of Energy's Baseline Risk Assessment for the Maywood Site, Maywood, New Jersey, April 1993," July 27, 1994.

Resnikoff, M, "Prefiled Testimony Of Marvin Resnikoff, Ph.D. On Behalf of Lake Michigan Federation, before the Public Service Commission of Wisconsin, in the case of Application of Wisconsin Electric Power Company for Authority to Construct and Place in Operation an Independent Spent Fuel Storage Facility Utilizing Dry Cask Storage Technology at the Point Beach Nuclear Plant Located in the Town of Two Creeks, Manitowoc County, September 11, 1994. Also Rebuttal Testimony, dated September 27, 1994 and Supplemental Testimony, dated October 3, 1994.

Resnikoff, M, affidavit prepared on behalf of plaintiffs in the United States District Court for the District of Massachusetts, Citizens Awareness Network, Inc., plaintiff, v. United States Nuclear Regulatory Commission, defendant, October 4, 1994.

Resnikoff, M, affidavit in opposition to motion of Westinghouse for summary judgment, prepared on behalf of plaintiffs in the United States District Court for the Western District Of Washington at Yakima, in re Hanford Nuclear Reservation, October 15, 1994.

Resnikoff, M and Knowlton, K, "Preliminary Critique of the Safety Analysis Report, Wake/Chatham Proposed Low-Level Waste Facility," report prepared for the Chatham County Preferred Site Local Advisory Committee, July 19, 1994.

Resnikoff, M. Comments on Proposed Rule Change: Radiation Standards for Low Level Waste Facilities, January 9, 1995.

Resnikoff, M. Unresolved Safety Issues. Paper presented at the conference, "Nuclear Waste Transportation and the Public," Las Vegas, Nevada, February 1, 1995.

Resnikoff, M. Ohio Low Level Legislation, Lobby Day, Ohio Environmental Council, Border Opposes Nuclear Dump, February 22, 1995.

Resnikoff, M., Wayne Health Survey Fact Sheet. Questions and answers about the Wayne Health Survey. April 1995.

Fuchsman, P., Hamilton, H., Knowlton, K., Levine, K., and Resnikoff, M., "A health survey of residents near the former thorium processing facility and in a control group, Wayne, New Jersey." April 1995.

Knowlton, K. and Resnikoff, M. "Decommissioning the Uranium Holding Basin and the Bog at NMI, Concord, Massachusetts," May 1995.

Resnikoff, M. "Comments on the Department of Energy's Draft Engineering Evaluation/ Cost Analysis for the removal of the Wayne Site Storage Pile, Wayne, New Jersey." May 15, 1995.

Resnikoff, M. and Knowlton, K. "A review of the phase II field investigation and financial resources of NMI," May 22, 1995.

Resnikoff, M., Knowlton, K., and Fuchsman, P. "Low-level waste transportation in Texas," June 29, 1995.

Resnikoff, M., and Knowlton, K. "Comments on Engineering Evaluation/Cost Analysis for the Cleanup of Residential and Municipal Vicinity Properties at the Maywood Site, Bergen County, New Jersey, On Behalf of Concerned Citizens of Maywood." August 11, 1995.

Resnikoff, M., Fuchsman, P., and Knowlton, K. Low-Level Waste Transportation in North Carolina, Prepared for the Chatham County Preferred Site Local Advisory Committee. August 13, 1995.

Edelman, G., and Fuchsman, P. Business survey on the socioeconomic impact of the low-level radiation waste facility proposed for North Carolina, August 16, 1995.

Siting Criteria Comments, prepared for the Illinois LLRW Task Group, Nov. 3, 1995.

Leigh, R., M. Resnikoff and A. Vanrenterghem, Environmental Impact of Elliot Lake Mill Tailings, prepared for the Northwatch Coalition, Nov. 14, 1995 (original March 30, 1992)

Resnikoff, M., Knowlton, K., and Fuchsman, P. Comments on the Environmental Impact Statement for the Cigar Lake and Midwest Joint Ventures Proposal, Prepared for the Saskatchewan Uranium Coalition. October 27, 1995.

Knowlton, K., Resnikoff, M., and Fuchsman, P. Review of the License Application for the Proposed Low-Level Radioactive Waste Facility Near Sierra Blanca, Texas, Prepared for Alert Citizens for Environmental Safety. November 30, 1995.

Resnikoff, M. Scoping Comments for the Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High Level Radioactive Waste At Yucca Mountain, Nye County, Nevada. December 1, 1995.

Resnikoff, M., Knowlton, K., Fuchsman, P., and Island, K. Site Suitability and Impact of Proposed Radioactive Waste Facility, Wake/Chatham Counties, North Carolina, Prepared for the Chatham County Preferred Site Local Advisory Committee. February 1996.

Resnikoff, M., Knowlton, K., and Island, K. Comments on Environmental Impact Statement for the McArthur River Proposal, Prepared for the Saskatchewan Uranium Coalition. March 1, 1996.

Resnikoff, M., Calculation of Radiation Exposure Received by Donald A. Schroeder, West Chicago, Illinois." Prepared for case Schroeder vs Kerr-McGee, February 21, 1996.

Resnikoff, M., "Mississippi Oil and Gas Board Proposed Rule 69: Control of Oilfield NORM," March 25, 1996.

Resnikoff, M., "Before the Illinois LLRW Task Group: Comments on Revised Siting Criteria," May 15, 1996.

Resnikoff, M., "Decommissioning of Big Rock Point," prepared for Don't Waste Michigan-Northern Chapter, July 1996.

Resnikoff, M., "Preliminary Report: Occupational Exposures for Plaintiffs Garza and Depain from Uranium Solution Mining Activities, Bruni, Texas", July 31, 1996.

RWMA, "Comments on the IRP Remedial Design Work Plan, Maxey Flats, Kentucky," prepared for Maxey Flats Concerned Citizens, August 2, 1996.

Knowlton, K. and M. Resnikoff, "Review of the License Application for the Proposed LLRW Facility Near Sierra Blanca, Texas," prepared for Sierra Blanca Legal Defense Fund, updated August 14, 1996, (original November 30, 1995).

Resnikoff, M., "Radiation Dose Exposure Received by Milton Vercher During Oil Pipe Cleaning Operations," September 27, 1996.

Resnikoff, M., and K. Knowlton, "Comments on the Department of Energy's Draft Feasibility Study and Draft Record of Decision for the Wayne, New Jersey Site," October 15, 1996.

Knowlton, K., M. Medina, and M. Resnikoff, "Comments on Fall 1996 Addendums to JEB Pit Tailings Disposal Plans," prepared on the behalf of the Saskatchewan Uranium Coalition, December 2, 1996.

Resnikoff, M., Critique of Ontario Hydro Irradiated Fuel Transportation Assessment, prepared on behalf of Concerned Citizens of Manitoba, January 1997.

Resnikoff, M., and Waligora, Jr., S.J., Estimated Radiation Doses Received by Victor Ferguson, Martha, Kentucky, report prepared in the case, Victor Ferguson v. Ashland Oil Inc, et al, January 16, 1997.

Resnikoff, M., Preliminary Report, Environmental and Health-Related Impacts of the Mobil Mining and Minerals Phosphoric Acid Plant, February 1997.

Resnikoff, M., Affidavit, before the Court of Appeals, State of Minnesota, re. appeal of decision by the Minnesota Dept of Environmental Quality, Prairie Island dry storage facility, on behalf of the Prairie Island Indian Community, February 1997.

Resnikoff, M., Comments on Environmental Management Advisory Board Report "Report of a Stakeholder Process to Develop Guiding Principles for the Formerly Utilized Sites Remedial Action Project, Background Information Document," prepared on behalf of Thorium Advisory Committee, Town of Wayne, New Jersey, March 7, 1997.

Resnikoff, M., Comments On "Report of a Stakeholder Process to Develop Guiding Principles for the Formerly Utilized Sites Remedial Action Project, Background Information Document," prepared on behalf of Concerned Citizens of Maywood, Maywood, New Jersey, March 12, 1997.

Resnikoff, M., Wastes Generated in Decontaminating and Decommissioning a Nuclear Power Plant, presented at the conference, "Impacts of Nuclear Power and Nuclear Waste on Indigenous and Local Communities, Prairie Island Indian Community," March 25-26, 1997.

Resnikoff, M., "Radiation Risks on Reclaimed Phosphate Mined Lands," April 30, 1997.

Resnikoff, M., and Champion, A., Transportation Accident of Ship Carrying Vitrified High-Level Radioactive Waste: Part 1. Impact on the Federated States of Micronesia, prepared on behalf of Greenpeace Pacific, July 31, 1997.

Resnikoff, M., Prepared statement before the Joint Federal-Provincial Panel on U Mining on Cigar Lake and McArthur River, on behalf of the Saskatchewan Uranium Coalition, August 27, 1997.

Resnikoff, M., Presentation Before Panel on the Waste Management System, Nuclear Waste Technical Review Board, November 19, 1997.

Fairlie, I., and Resnikoff, M., No Dose Too Low, article prepared for "The Bulletin of Atomic Scientists," November/December 1997.

Resnikoff, M., Proposed Remediation Work at Maxey Flats, prepared on behalf of Maxey Flats Concerned Citizens, January 1998.

Resnikoff, M., Comments on the draft Safety Evaluation Report (DSER), Proposed LLRW Facility at Boyd County, Nebraska by the State of Nebraska, prepared on behalf of the Boyd County Monitoring Committee, February 1998.

Resnikoff, M., Affidavit prepared for Giordano, Halleran, & Ciesla, in the case Robert Kenny v. Shore Regional High School, et al., March 1998.

Resnikoff, M., Comments on Draft PEIS for the Long-Term Management and Use of Depleted Uranium Hexafluoride, March 1998.

Resnikoff, M., Radioactive Waste Trends, prepared on behalf of the Chatham County PSLAC, June 1998.

Resnikoff, M., Comments on FGR No. 13, Part I – Interim Version, Health Risks from Low-Level Environmental Exposure to Radionuclides, June 30, 1998.

Resnikoff, M., and Tsui, C., Health Impacts of Oil Production in Brookhaven, Mississippi prepared on behalf of Sacks & Smith, July 30, 1998.

Resnikoff, M., Comments on Preliminary Safety Evaluation Report and Proposed Certificate of Compliance HI-Star 100 Storage Cask, prepared on behalf of The State of Utah, Department of Environmental Quality, October 26, 1998.

Resnikoff, M., Calculation of Radiation Exposures Received by Rebekah Dassion, prepared on behalf of Hagens & Berman as part of a federal personal injury case, November 23, 1998.

Resnikoff, M., Review of Risk-Based Remedial Action Levels and Holding Basin Feasibility Study, Starmet Corp, prepared on behalf of CREW, April 1999.

Resnikoff, M., Comments on the Feasibility Study and Proposed Plan for the Wayne Interim Storage Site, prepared on behalf of the Township of Wayne, August 9, 1999.

Dela Merced, M. and Resnikoff, M., Occupational Exposure to Radioactive Scale During Oil Pipe Cleaning Operations, prepared on behalf of Sacks & Smith, November 1999.

RWMA, RISKIND and RADTRAN calculations (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, February 9, 2000.

Lamb, M., and Resnikoff, M., Comment Summary, Yucca Mountain Draft EIS, Expanded version (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, February 12, 2000.

Dela Merced, M., Fairlie, I., and Resnikoff, M., Radiation Exposures Due to Mining, Milling and Waste Disposal Operations in South Texas (with 1st set of plaintiffs – Adams), prepared on behalf of Whittington, von Sternberg, Emerson & Wilsher, LLP, March 2000.

- 2nd set of plaintiffs – Cantu, prepared April 2000.
- 3rd set of plaintiffs – Aguirre, prepared May 2000.

Resnikoff, M., Presentation by Marvin Resnikoff, Radioactive Waste Management Associates, to the Scientific Advisory Panel of the California Advisory Group on Management of Low-Level Radioactive Waste, March 17, 2000.

Resnikoff, M., Radiation Dose Exposures Received by Milt Vercher During Oil Pipe Cleaning Operations, prepared on behalf of Sacks & Smith, March 30, 2000.

Dela Merced, M. and Resnikoff, M., Occupational Exposure to Radioactive Scale During Oil Pipe Cleaning Operations (update of November 1999 document), prepared on behalf of Sacks & Smith, March 31, 2000.

Resnikoff, M., Rebuttal Affidavit in the matter of Anita Adams, et al, Plaintiffs vs. E.I. Dupont Denemours & Company, et al, Defendants, prepared on behalf of Whittington, von Sternberg, Emerson & Wilsher, LLP, April 2000.

RWMA, RADTRAN IV Economic Analysis: Severe Rail Cask Accident Scenario (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, June 15, 2000.

RWMA, Updated Rail and Truck Economic Analysis (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, June 29, 2000.

RWMA, Updated rail cask sabotage analysis (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, June 29, 2000.

RWMA, Updated truck cask sabotage analysis (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, June 29, 2000.

RWMA, Health Consequence Assessment: Severe Truck Accident in an Urban Environment (Professional Memo), prepared on behalf of Nevada Nuclear Waste Project, June 30, 2000.

Lamb, M., and Resnikoff, M., Comments on Transportation Sections, DEIS on Proposed PFS Facility, NUREG-1714, prepared on behalf of The State of Utah, Department of Environmental Quality, July 2000.

Lamb, M., and Resnikoff, M., Consequence Assessment of Severe Nuclear Transportation Accident in an Urban Environment, prepared on behalf of Nevada Nuclear Waste Project, July 5, 2000.

RWMA, Uranium Movement at the NMI/Starmet Site, Concord, MA, prepared on behalf of CREW, September 2000.

Lamb, M., and Resnikoff, M., Review of NUREG/CR-6672, Reexamination of Spent Fuel Shipment Release Estimates, prepared on behalf of Clark County, Nevada, October 2000.

Resnikoff, M., Radiation Exposures Received by Thomas Miller, prepared on behalf of J. Gregory Marks, October 2000.

Dela Merced, M., and Resnikoff, M., Comments on the Response by NMI/Starmet to the Proposed Addition of the Starmet Site to the Superfund List, prepared on behalf of CREW, November 2000.

Resnikoff, M., Health Impacts of Oil Production in Brookhaven, Mississippi (revised), prepared on behalf of Sacks & Smith, March 2001.

Lamb, M., and Resnikoff, M., Consequence Assessment: Severe Spent Fuel Trucking Accident in Ely, Nevada, prepared on behalf of RCS, Inc., May 2001.

Resnikoff, M., Review of the Risk Screening Assessment for the Mixed Waste Landfill, SWMU, prepared on behalf of Citizen Action, July 2001.

Lamb, M., Resnikoff, M., and Moore, R., Worst Case Credible Nuclear Transportation Accidents: Analysis for Urban and Rural Nevada, prepared on behalf of The State of Nevada, Nevada Nuclear Waste Project, August 2001.

Hintermann, B., and Resnikoff, M., Radiation Exposures to Francis Searle Due to Mining and Milling Operations in Wyoming, prepared on behalf of Perkins and Powers, September 2001.

Lamb, M., and Resnikoff, M., Radiological Consequences of Severe Rail Accident Involving Spent Nuclear Fuel Shipments to Yucca Mountain: Hypothetical Baltimore Rail Tunnel Fire Involving SNF, prepared on behalf of Pacific World History Institute, September 2001.

Hintermann, B., and Resnikoff, M., Radiation Doses Received by Milton Vercher During Oil Pipe Cleaning Operations (Supplemental Report), prepared on behalf of Sacks and Smith, October 2001.

Lamb, M., and Resnikoff, M., Duration of Spent Fuel Storage at the Proposed Facility in Skull Valley, Utah, prepared on behalf of Monte Stewart, Esq., October 2001.

dela Merced, M., Hintermann, B., and Resnikoff, M., Groundwater Movement at the Portsmouth Gaseous Diffusion Plant, prepared on behalf of PRESS and Uranium Enrichment Project, February 2002.

Hintermann, B., and Resnikoff, M., Radiation Exposures to Ramon Gauna and Manuel Salinas Due to Mining and Milling Operations in South Texas (revised), prepared on behalf of Williamson & Sears, February 2002.

Hintermann, B., dela Merced, M., and Resnikoff, M., Occupational Exposure to Radioactive Scale During Oil-Pipe Cleaning Operations, prepared on behalf of Smith & Harang, March 1, 2002.

Hintermann, B., Lamb, M. and Resnikoff, M., Hawthorne Impact Report: Transportation of Spent Nuclear Fuel by Highway to Yucca Mountain, June 2002:

Hintermann, B., dela Merced, M., Fairlie, I. and Resnikoff, M., Radiation Exposures Due to Mining, Milling & Waste Disposal Operations in South Texas, prepared on behalf of Reich and Binstock, August 2002.

Hawkins, R. and Resnikoff, M., Radiation Dose and Clean-Up Requirements NMI Site, Concord, Massachusetts by prepared for CREW, August 2002:

Hintermann, B., dela Merced, M. and Resnikoff, M., Occupational Exposure to Radioactive Scale During Oil Pipe Cleaning Operations, August 2002

Hintermann, B., dela Merced, M. and Resnikoff, M., Occupational Exposure of A. Bulot *et al.* to Radioactive Scale During Oil Pipe Cleaning Operations, August 14, 2002

Navab, V., Hawkins, R., and Resnikoff, M., Evaluation of Radioactive and Toxic Chemicals at the Pantex Plant: Report for STAND, November 2002.

Hintermann, B. and Resnikoff, M., Radiation Exposure to Radioactive Scale During Oil Pipe Cleaning Operations of E Castell, January 2003.

Hintermann, B. and Resnikoff, M., Defining Away the Hazard: The Department of Energy's Solution to the High-Level Waste Problem at INEEL, on behalf of the Snake River Alliance, June 2003

M. Resnikoff, Testimony, before the Tanner Appeal Board, State Of California, Environmental Protection Agency on behalf of CPDE, 2003.

Hintermann, B. and Resnikoff, M., Radiation Exposures due to Uranium Mining and Milling Operations by Union Carbide Corporation in Uravan, Colorado, Preliminary Report, August 2003.

Hintermann, B., Resnikoff, M., and Schneider, A., Radiation Exposures due to Uranium Mining and Milling Operations by Homestake Nuclear Partners in Grants, New Mexico, January 2004.

Schneider, A. and Resnikoff, M., Radiation Exposure of David Furtnett Due To Thorium Milling in Maywood, New Jersey, January 2004.

Hintermann, B. and Resnikoff, M., Occupational Exposure of C. Batist *et al.* to Radioactive Scale During Oil Pipe Cleaning Operations, February 2004.

Hintermann, B., Schneider, A. and Resnikoff, M., Review of the Radiological Impact of Agrium Phosphogypsum Operations, on behalf of Northeast Strathcona County Residents, February 2004, 43 pp.

Schneider, A. and Resnikoff, M., Radioactivity in Water and Mussels at the Outflow of the Seabrook Nuclear Reactor, prepared for C-10, March 2004.

Schneider, A. and Resnikoff, M. Independent Evaluation of the Corrective Measures Study, Mixed Waste Landfill, Sandia National Laboratory, March 2004.

Radioactive Waste Management Associates for the Alliance for Nuclear Accountability, "Danger Lurks Below: The Threat to Major Water Supplies from US Department of Energy Nuclear Weapons Plants," April, 2004.

Schneider, A. and Resnikoff, M. Independent Assessment of the Hunters Point Historical Radiological Assessment, on behalf of Arc Ecology, April, 2004.

Resnikoff, M., Hintermann, B., and Schneider, A., Radiation Exposures due to Uranium Mining, Milling, and Transportation in Karnes County, Texas, July, 2004.

Rahman, S and Resnikoff, M., Peer Review of RACER Report, Los Alamos National Laboratory, Radiological Assessment Corporation, prepared for Colorado State University, September 2004.

Resnikoff, M., Residential Risk: Harvey Yard Pipe Cleaning Operation, January, 2005.

Schneider, A., Rahman, S. and Resnikoff, M, Occupational Exposure of A. Bulot *et al.* to Radioactive Scale During Oil Pipe Cleaning Operations, Supplemental Report, 2005

Resnikoff, M, Particulate concentrations in Air Near Uranium Haul Roads in Karnes County, Texas, 2005

Biglin, K. and Resnikoff, M, Fallon Impact Report-Transportation of Spent Nuclear Fuel to the Proposed Repository at Yucca Mountain, January 2006, work prepared for Churchill County, NV.

Biglin, K. and Resnikoff, M., Battle Mountain Impact Report, January 13, 2006, work prepared for Lander County, NV..

Resnikoff, M., Fugitive Dust Emissions From Uranium Haul Roads, 2006

Biglin, K. and Resnikoff, M., Inyo County Transportation Risk Assessment - Task 4 Risk Estimates, May 2006, work prepared for Inyo County, CA.

Kevin Biglin, K. and Resnikoff, M, Emergency Response to a Nuclear Waste Shipment Accident, Inyo County, June 15, 2006, paper presented at ESRI Annual Conference, August 2006.

Brown, E and Resnikoff, M, "Comments on the Proposed Comprehensive Study Scoping Document for an Environmental Assessment of the Proposal by Ontario Power Generation for a Deep Underground Repository for Low- and Intermediate-Level Radioactive Waste," prepared for Greenpeace, 2006.

Resnikoff, M. and Waligora, S., Radioactive and Toxic Chemical Contamination in the Martha Oil Field, Kentucky Due to Technologically Enhanced Naturally Occurring Radioactive Material and Toxic Chemicals and Metals, In reference to: Woodie Cantrell, et al. vs. Ashland Oil, et al., 2007.

Resnikoff, M., Dominic Cotroneo, et al. v. Shaw Environmental, et al. Radiation Exposure and Health Effects, 2007

Resnikoff, M., Dominic Cotroneo, et al. v. Shaw Environmental, et al. Radiation Exposures of Gulf Nuclear Workers Supplemental Report , 2007

Resnikoff, M., Analysis of the Vulnerability and Potential Consequences of a Terrorist Attack on the Proposed Pa‘ina Hawaii Irradiator, on behalf of Earthjustice, 2007.

Resnikoff, M., Declaration In Support Of Concerned Citizens’ Contentions Re: Final Environmental Assessment, 2007.

Harris, R. and Resnikoff, M., Critique of Certification of Vicinity Properties Lake Ontario Ordnance Works Site, 2007

Harris, R. and Resnikoff, M., “Radioactivity in Vicinity Properties and Central Drainage Ditch, LOOW site,” report prepared for Niagara County, August 2007.

Harris, R., Rahman, S., Seth, D., and Resnikoff, M., Assessment of the Radiation Exposure of Joseph Lefort to Oilfield Equipment Scale, 2008

Resnikoff, M. and Travers, J., Potential Consequences of a Successful Sabotage Attack on a Spent Fuel Shipping Container: Updated Analysis Revised Final Version, 2008, work prepared for the State of Nevada Agency for Nuclear Projects.

Resnikoff, M. and Brown, E., Comments on the Draft "Guidelines for the Preparation of the Environmental Impact Statement for the Deep Geologic Repository of Low-and Intermediate-Level Radioactive Waste", June 2008, work prepared for Greenpeace Canada.

Resnikoff, M., and Harris, R., and Brown, E., NORM and Hazardous Materials on the McAllen Ranch, Juan Luis Longoria, et al. v. Forest Oil Corporation, *et al.*, 2008.

Napolean, A, et al, “The Real Costs of Cleaning Up Nuclear Waste: A Full Cost Accounting of the Cleanup Options for the West Valley Nuclear Waste Site, 2008.

Resnikoff, M. and Brown, E., White Paper, “Produced Water,” comments on proposed NPDES permits for Oil Production in Louisiana territorial seas, prepared for LEAN, March 2009