APPENDIX B - References

Adams, N. and N.L. Spoor, Kidney and Bone Retention Functions in the Human Metabolism of Uranium, *Phys. Med. Biol.*, (19):4, 460-471, 1974.

Agency for Toxic Substances and Disease Registry, Toxicological Profile for Uranium, U.S. Department of Health and Human Services, September 1999.

American Conference of Governmental Industrial Hygienists, TLVs[®] and BEIs[®] Based on the Documentations of the Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, 2000.

American National Standards Institute (ANSI), Bioassay Programs for Uranium, ANSI/HPSN13.22-1995, approved October 1995.

Armed Forces Radiobiology Research Institute, Assessment of the Risks from Imbedded Depleted Uranium Fragments, AFRRI Technical Report 93-1, March 1993.

Armed Forces Radiobiology Research Institute, Protocol for Monitoring Gulf War Veterans with Imbedded Depleted Uranium Fragments, AFRRI Technical Report 93-2, March 1993.

Armed Forces Radiobiology Research Institute, Establishment of an Animal Model to Evaluate the Biological Effects of Intramuscularly Embedded Depleted Uranium Fragments, AFRRI Technical Report 96-3, July 1996.

Armed Forces Radiobiology Research Institute, Health Effects of Embedded Depleted Uranium Fragments, AFRRI Special Publication 98-3, June 1998.

Ballinger, M.Y., S.L. Sutter, and W.H. Hodgson. New Data for Aerosols Generated by Release of Pressurized Powders and Solutions in Static Air, PNL-6065, NUREG/CR-4779, U.S. Nuclear Regulatory Commission, 1987.

Barg, D.C. Depleted Uranium Constituents and Specific Activity, 8 October 1997.

Barlett, W.T., R.L. Gilchrist, G.W.R. Enders, and J.L. Barr. Radiation Characterization and Exposure Rate Measurements From Cartridge, 105mm APFSDS-T, XM774, PNL-2947, November 1979.

Beyeler et al., Review of Parameter Data for the NUREG/CR-5512 Building Occupancy Scenario and Probability Distributions for the D and D Parameter Analysis, Draft letter report, January 1998.

Brodsky, A., Review of Radiation Risks and Uranium Toxicity with Application to Decisions Associated with Decommissioning Clean-Up Criteria, RSA Publications, 1996.

Burkart, W. Radiation Biology of the Lung, The Science of the Total Environment, (89):1/2, 1-230, 1989.

Chambers, D.R., R.A. Markland, M.K. Clary, and R.L. Bowman. Aerosolization Characteristics of Hard Impact Testing of Depleted Uranium Penetrators, BRL-TR-02435, October 1982.

Chong-Sheng, M., Estimation of the Uranium Content in Kidney and the Inhalation Limit of Uranium, *Radiation Protection Dosimetry*, (2):3, 161-169, 1982.

Committee on the Biological Effects of Ionizing Radiations Board on Radiation Effects Research Commission on Life Sciences National Research Council, Health Risks of RADON and Other Internally Deposited Alpha-Emitters – BEIR IV, National Academy Press, Washington, D.C., 1988.

Committee on Health Effects Associated with Exposures During the Gulf War. Gulf War and Health, Volume 1. Depleted Uranium, Sarin, Pyridostigmine Bromide, Vaccines, National Academy Press, Washington, DC, Prepublication copy, 2000

Craig, D.K. and C.R. Lux. Methodology for Deriving Temporary Emergency Exposure Limits (TEELs) (U), WSRC-TR-98-00080, 1998.

Craig, D, telephone conversation, subject: Values Derived from PEL-TWA, STEL, and IDLH, March 2000.

Crystal Ball, Decisioneering, Inc., Denver CO 80202, www.decisioneering.com

Cullen, A.C. and H.C. Frey. Probabilistic Techniques in Exposure Assessment – A Handbook for Dealing with Variability and Uncertainty in Models and Inputs. New York: Plenum Press, 1999.

Dang, H.S. et al., Determining the Normal Concentration of Uranium in Urine and Application of the Data to Its Biokinetics, *Health Physics*, (62):6, 562-566, 1992.

Department of Energy, Airborne Release Fractions/Rates and Respirable Fractions for Non-Reactor Nuclear Facilities, National Technical Information Services, DOE Handbook-3010-94, December 1994.

Department of the Army, Risk Management, Field Manual 100-14, April 1998.

Diamond, G.L., Biological Consequences of Exposure to Soluble Forms of Natural Uranium, *Radiation Protection Dosimetry*, (26):1-4, 23-33, 1989.

Eckerman, K.F., A.B. Wolbarst, and C.B. Richardson, Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestion, Federal Guidance Report No. 11, U.S. Environmental Protection Agency, Washington, DC., 1988.

Eidson, A.F., The Effects of Solubility of Inhaled Uranium Compound Clearance: A Review, *Health Physics* (67):1-14, 1994.

Ejnik, J.W. et al., Determination of the Isotopic Composition of Uranium in Urine by Inductively Coupled Plasma Mass Spectrometry, *Health Physics* (78):2, 143-146, 2000.

Elder, J.C. and M.C. Tinkle. Oxidation of Depleted Uranium Penetrators and Aerosol Dispersal at High Temperatures, LA-8610-MS, December 1980.

Erickson, R.L., et al., Geochemical Factors Affecting Degradation and Environmental Fate of Depleted Uranium Penetrators in Soil and Water, PNL-8527, Battelle PNL, Richland, Wash., 1993.

Evans, J.R. and D. L. Olson. Introduction to Simulation and Risk Analysis, New Jersey: Prentice Hall, 1998.

Fliszar, R.W., E.F. Wilsey, and E.W. Bloore. Radiological Contamination From Impacted Abrams Heavy Armor, BRL-TR-3068, December 1989.

Fliszar, R.W. Personal Communication, subject: Air Sampling in a Soviet Vehicle, May 2000.

Fisenne, I.M., et al., Uranium in Humans, *Radiation Protection Dosimetry*, (24):1-4, 127-131, 1988.

Garland, J.A. and I.R. Pomeroy. Resuspension of Fall-out Material Following the Chernobyl Accident, *Journal of Aerosol Science*, (25):5, 793-806, 1994.

Gavrilov, V.P. et al., Stationary Model for Resuspension of Radionuclides and Assessments of ¹³⁷Cs Concentrations in the Near-Surface Layer for the Contaminated Areas in the Bryansk Region of Russia and Belarus, *Atmospheric Environment*, (29):19, 2633-2650, 1995.

Gilchrist, R.L., G.B. Parker, and J. Mishima. Radiological and Toxicological Assessment of an External Heat (Burn) Test of the 105mm Cartridge, APFSDS-T, MX774, PNL-2670, March 1978.

Gilchrist, R.L., P.W. Nickola, J.A. Glissmeyer, and J. Mishima. Characterization of Airborne Depleted Uranium From April 1978 Test Firing of the 105-mm, APFSDS-T, M735E1 Cartridge, PNNL-2881, June 1999.

Glauberman, H., W.R. Bootman, and A.J. Breslin. Studies of the Significance of Surface Contamination, In Surface Contamination, pp. 169-178, 1967.

Glissmeyer, J.A., J. Mishima, and R.L. Gilchrist. Characterization of Airborne Uranium From Test Firings of XM774 Ammunition, PNL-2944, November 1979.

Gray, G.J. Hazard Classification Test of the Cartridge, 105mm, APFSDS-T, XM774, U.S. Army Armament Research and Development Command, January 1978.

Hadlock, D.E., and M.A. Parkhurst. Radiological Assessment of the 25mm, APFSDS-T XM919 Cartridge, PNL-7228, March 1990.

Haggard, D.L., C.D. Hooker, M.A. Parkhurst, and L.A. Sigalla. Hazard Classification Test of the 120mm APFSDS-T, M829 Cartridge: Metal Shipping Container, PNL-5928, July 1986.

Hamilton, E.I., The Concentration of Uranium in Man and His Diet, *Health Physics* (22): 149-153, 1972.

Hanson, W.C., J.C. Elder, H.J. Ettinger, L.W. Hantel and J.W. Owens. Particle Size Distribution of Fragments from Depleted Uranium Penetrators Fired Against Armor Plate Targets, LA-5654, October 1974.

Hooker, C.D., D.E. Hadlock, J. Mishima, and R.L. Gilchrist. Hazard Classification Test of the Cartridge, 120mm, APFSDS-T, XM829, PNL-4459, November 1983.

Hooker, C.D., D.E. Hadlock, K.L. Soldat, and R.L. Gilchrist. Radiological Assessment of Cartridge 120mm, APFSDS-T, XM829 Ammunition, PNL-4392, December 1983.

Hooper, F. J. et al., Elevated Urine Uranium Excretion By Soldiers with Retained Uranium Shrapnel, *Health Physics*, (77):5, 512-519, 1999.

Hopson, J.W., L.W. Hantel and D.J. Sansstrom. Evaluation of Depleted Uranium Alloys for used in Armor-Piercing Projectiles (U), LA-5238 (AFATL-TR-73-61), June 1973.

International Atomic Energy Agency, Inhalation Risks from Radioactive Contaminants, (IAEA)STI/DOC/10/142, January 1973.

International Atomic Energy Agency, International Basic Safety Standards for Protection Against Ionizing Radiation and For the Safety of Radiation Sources, (IAEA)STI/PMB/998, Safety Series No. 115, February 1996.

International Commission on Radiological Protection, Report of Committee II on Permissible Dose for Internal Radiation, ICRP Publication 2, 1959.

International Commission on Radiological Protection, Recommendations of the International Commission on Radiological Protection (as Amended 1959 and Revised 1962), ICRP Publication 6, 1964.

International Commission on Radiological Protection, Report of Committee IV on Evaluation of Radiation Doses to Body Tissue From Internal Contamination Due to Occupational Exposure, ICRP Publication 10, 1968.

International Commission on Radiological Protection, Report of the Task Group on Reference Man, ICRP Publication 23, 1975.

International Commission on Radiological Protection, Recommendations of the International Commission on Radiological Protection, ICRP Publication 26, Adopted March 1977.

International Commission on Radiological Protection, Limits for Intakes of Radionuclides by Workers, Part I, ICRP Publication 30, Adopted July 1978.

International Commission on Radiological Protection, Biological Effects of Inhaled Radionuclides, ICRP Publication 31, Adopted May 1979.

International Commission on Radiological Protection, Individual Monitoring for Intakes of Radionuclides by Workers: Design and Interpretation, ICRP Publication 54, Adopted March 1987.

International Commission on Radiological Protection, Recommendations of the International Commission on Radiological Protection, ICRP Publication 60, Adopted November 1990.

International Commission on Radiological Protection, Human Respiratory Tract Model for Radiological Protection, ICRP Publication 66, Adopted September 1993.

International Commission on Radiological Protection, Age-Dependent Doses to Members of the Public From Intake of Radionuclides: Part 2 Ingestion Dose Coefficients, ICRP Publication 67, Adopted April 1993.

International Commission on Radiological Protection, Dose Coefficients for Intakes of Radionuclides by Workers, ICRP Publication 68, July 1994, Replaces ICRP-61.

International Commission on Radiological Protection, Age-Dependent Doses to Members of the Public from Intake of Radionuclides: Part 3 – Ingestion Dose Coefficients, ICRP Publication 69, Adopted July 1994.

International Commission on Radiological Protection, Basic Anatomical and Physiological Data for Use in Radiological Protection: The Skeleton, ICRP Publication 70, Adopted July 1994.

International Commission on Radiological Protection, Age-Dependent Doses to Members of the Public from Intake of Radionuclides: Part 4 - Inhalation Dose Coefficients, ICRP Publication 71, Adopted September 1995.

International Commission on Radiological Protection, Age-dependent Doses to Members of the Public from Intake of Radionuclides: Part 5 - Compilation of Ingestion and Inhalation Dose Coefficients, ICRP Publication 72, Adopted September 1995.

International Commission on Radiological Protection, Individual Monitoring for Intakes of Radionuclides by Workers: Design and Interpretation (Update of ICRP-54), ICRP Publication 78, Adopted March 1997.

International Organization for Standardization. Evaluation of surface contamination - Part 1: beta emitters and alpha, ISO-7503-1, Geneva, 1980.

Jarvis, N. S., A. Birchall, A. C. James, M. R. Baily, and M.D. Dorrian. "LUDEP 2.0: Personal Computer Program for Calculating Internal Doses Using the ICRP-66 Respiratory Tract Model." NRBP-SR287, National Radiological Protection Board, Chilton, Didcot, Oxon OX11 0RQ, 1996.

Jette, S.J., J. Mishima, and D.E. Hadlock. Aerosolization of the M829A1 and XM900E1 Rounds Fired Against Hard Targets, PNL-7452, August 1990.

Joint Technical Coordinating Group/Munitions Effectiveness Ad Hoc Working Group for Depleted Uranium, Medical and Environmental Evaluation of Depleted Uranium, Vol 1, April 1974.

Jones, I.S. and S.F. Pond. Some Experiments to Determine the Resuspension Factor of Plutonium from Various Surfaces, In Surface Contamination, pp. 83-92, 1967.

Karpas, Z. et al., Uptake of Ingested Uranium After Low "Acute Intake," *Health Physics*, (74):3, 337-345, 1998.

Kathren, R.L. and R.H. Moore, Acute Accidental Inhalation of U: A 38-Year Follow-Up, *Health Physics*, (51):5, 609-619, 1986

Kathren, R.L., et al., Uranium in the Tissues of an Occupationally Exposed Individual, *Health Physics*, (57):1, 17-21, 1989.

Kennedy, W.E. and D.L. Strenge. Residual Radioactive Contamination from Decommissioning, NUREG/CR-5512, PNL-7994, Vol. 1, October 1992.

Kocher, D.C. Radioactive Decay Data Tables – A Handbook of Decay Data for Application to Radiation Dosimetry and Radiological Assessments, DOE/TIC-11026, 1981.

Kocher, D.C., Relationship Between Kidney Burden and Radiation Dose from Chronic Ingestion of U: Implications for Radiation Standards for the Public, *Health Physics*, (57):1, 9-15, 1989.

Lawrence, J.N.P., Uranium Internal Exposure Evaluation Based on Urine-Assay Data, Los Alamos-10246-MS, September 1984.

Leggett, R.W., The Behavior and Chemical Toxicity of U in the Kidney a Reassessment, *Health Physics*, (57):3, 365-383, 1989.

Leggett, R.W., A Generic Age-Specific Biokinetic Model for Calcium-Like Elements, *Health Physics, Radiation Protection Dosimetry*, (41):2-4, 183-198, 1992.

Leggett, R.W., Basis for the ICRP's Age-Specific Biokinetic Model for Uranium, *Health Physics*. (67):6, 589-610, 1994.

Leggett, R.W. and K.F. Eckerman, Evolution of the ICRP's Biokinetic Models, *Radiation Protection Dosimetry*, (53):1-4, 147-155, 1994.

Leggett, R.W. and J.D. Harrison, Fractional Absorption of Ingested Uranium in Humans, *Health Physics*, (68):4, 484-498, 1995.

Magness, C.R. Environmental Overview for Depleted Uranium, Environmental Technology Directorate, CRDC-TR-85030, AMCCOM, APG, MD, 1985.

McDiarmid, M.A. et al., The Utility of Spot Collection for Urinary Uranium Determination in Depleted Uranium Exposed Gulf War Veterans, *Health Physics*, (77):3, 261-264; 1999.

McDiarmid, M.A., et al., Health Effects of Depleted Uranium on Exposed Gulf War Veterans, *Environmental Research*, (82):2, 168-180, February 2000.

McGuire, S.A., The NRC's Limit on Intake of Uranium Ore Dust, NUREG-0941, 1983.

Memorandum, OSAGWI, subject: Request for Assistance with Depleted Uranium (DU) Risk Assessment, 30 January 1998.

Memorandum, U.S. Army Test, Measurement and Diagnostic Equipment Activity (AMSAM-TMD-SB), subject: Analysis of Transuranics and Other Contaminants in Depleted Uranium Armor, 19 January 2000.

Memorandum For Record, MCHB-TS-OHP, subject: Transuranic (TRU) and Technicium-99 (Tc-99) Contaminants in Depleted Uranium (DU) Health Assessment, 7 August 2000.

Mishima, J. and L.C. Schwendiman. Fractimal Airborne Release of Uranium (Representing Plutonium) During the Burning of Contaminated Waste, BNWL-1730, 1973.

Mishima, J. and L.C. Schwendiman. Some Experimental Measurements of Airborne Uranium in Transportation Accidents, BNWL-1732, 1973.

Mishima, J., M.A. Parkhurst, R.I. Scherpelz, and D.E. Hadlock. Potential Behavior of Depleted Uranium Penetrators under Shipping and Bulk Storage Accident Conditions, PNL-5415, March 1985.

Mishima, J., M.A. Parkhurst, C.D. Hooker, and D.E. Hadlock. Hazard Classification of the Cartridges 105mm, APFSDS-T, M774 and M833 in Metal Shipping Containers by Analogy to Previous Test Results, PNL-6084, November 1986.

Mohr, P.J. and B. N. Taylor. The Fundamental Physical Constants, *Physics Today*, (53):8, Part 2, August 2000.

Morgan, M.G., M. Henrion, and M. Small. Uncertainty – A Guide to Dealing with Uncertainty in Quantitative Risk and Policy Analysis, United Kingdom: Cambridge Press, 1998.

Morrow, P.E., L.J. Leach, F.A. Smith, R.M. Gelein, J.B. Scott, H.D. Beiter, F.J. Amato, J.J. Picano, C.L. Yuile, and T.G. Consler. Metabolic Fate and Evaluation of Injury in Rats and Dogs Following Exposure to the Hydrolysis Products of Uranium Hexafluoride, NUREG/CR-2268, U.S. Nuclear Regulatory Commission, July 1979-October 1981.

Munson, L.H., J. Mishima, M.A. Parkhurst, and N.H. Smith. Radiological Hazards Following a Tank Hit with Large-Caliber DU Munitions, Draft Letter Report, PNL, October 1990.

Nair, S.K. et al., Modeling the Resuspension of Radionuclides in Ukrainian Regions Impacted by Chernobyl Fall-Out, *Health Physics*, (72):1, 77-85, 1997.

National Academy of Sciences, Institute of Medicine. Potential Radiation Exposure in Military Operations, Committee on Battlefield Radiation Exposure Criteria, 1999.

National Council on Radiation Protection and Measurements, Radiological Assessment: The Transport Bioaccumulation and Uptake by Man of Radionuclides Released to the Environment, NCRP Report No. 76, March 1984.

National Council on Radiation Protection and Measurements, Use of Bioassay Procedures for Assessment of Internal Radionuclides Deposition, NCRP Report No. 87, February 1987.

National Council on Radiation Protection and Measurements, Recommendations on Limits for Exposure to Ionizing Radiation, NCRP Report No. 91, June 1987.

National Council on Radiation Protection and Measurements, Ionizing Radiation Exposure of the Population of the United States, NCRP Report No. 93, September 1987.

National Council on Radiation Protection and Measurements, Risk Estimates for Radiation Protection, NCRP Report No. 115, December 1993.

National Council on Radiation Protection and Measurements, Uncertainties in Fatal Cancer Risk Estimates Used in Radiation Protection, NCRP Report No. 126, October 1997.

National Council on Radiation Protection and Measurements, Recommended Screening Limits for Contaminated Surface Soil and Review of Factors Relevant to Site-Specific Studies, NCRP Report No. 129, January 1999.

National Defense Research Institute, RAND, A Review of the Scientific Literature As It Pertains to Gulf War Illnesses, Volume 7: Depleted Uranium, 1999.

Nicholsons, K.W. and J.R. Branson. Atmosphere-Surface Exchange of Particulates in Built-Up Areas, In Precipitation Scavenging and Atmosphere-Surface Exchange, Vol 2 – The Semonin Volume: Atmosphere-Surface Exchange Processes, pp. 673-682, 1992.

North Atlantic Treaty Organization, Commander's Guide on Low Level Radiation Exposure in Military Operations, NATO Standardization Agreement (STANAG) 2473, Edition 1, Ratification Draft 1, undated.

Nuclear Regulatory Commission Branch Technical Position on Cleanup Criteria and Current Dose Bases for Nuclear Material, Policy and Guidance Directive FC 83-23, Guidelines for the Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Byproduct, Source, or Special Nuclear Material Licenses; and 46 Federal Register (FR) 52061, 23 October 1981, and 58 Federal Register (FR) 16268, 4 November 1983.

Nuclear Regulatory Commission, Interpretation of Bioassay Measurements, NUREG/CR-4884, BNL-NUREG-52063, June 1990.

Nuclear Regulatory Commission, Residual Radioactive Contamination from Decommissioning, Vol. 1, NUREG/CR-5512, PNL-7994, October 1992.

Oak Ridge National Laboratory, U.S. Army Radiological Bioassay and Dosimetry: The RBD Software Package, ORNL/TM-11858, January 1993.

Office of the Special Assistant for Gulf War Illnesses, Depleted Uranium in the Gulf, Environmental Interim Exposure Report, 4 August 1998.

Pacific Northwest Laboratory, Rev., Code for Internal Dosimetry (CINDY VERSION 1.2), PNL-7493, July 1992.

Parkhurst, M.A., and K.L. Soldat. Radiological Assessment of the 105mm, APFSDS-T, XM900E1 Cartridge, PNL-6896, May 1989.

Parkhurst, M.A., J. Mishima, D.E. Hadlock, and S.J. Jette. Hazard Classification and Airborne Dispersion Characteristics of the 25mm, APFSDS-T XM919 Cartridge, PNL-7232, March 1990. Parkhurst, M.A., D.E. Hadlock, and L.L. Nichols. Radiological Assessment of M1 and M60-A3 Tanks Uploaded With M900 Cartridges, PNL-7767, July 1991.

Parkhurst, M.A., and R.I. Scherpelz. Radiological Assessment of the 120mm, APFSDS-T, M829A2 Cartridge, PNL-8890, October 1993.

Parkhurst, M.A., and R.I. Scherpelz. Dosimetry of Large Caliber Cartridges: Updated Dose Rate Calculations, PNL-8983 (reissue), June 1994a.

Parkhurst, M.A., S.J. Jette, J. Mishima, and J.A. Glissmeyer. Aerosols From Test-Firing Depleted Uranium Munitions, PNL-9741, August 1994b.

Parkhurst, M.A., G.W.R. Enders, and L.H. Munson. Evaluation of Depleted Uranium Contamination in Gun Tubes, PNL-10352, January 1995a.

Parkhurst, M.A., J.R. Johnson, J. Mishima, and J.L. Price. Evaluation of Depleted Uranium Aerosol Data: Its Adequacy for Inhalation Modeling, PNL-10903, December 1995b.

Parkhurst, M.A., G. Akabant, R.K. Piper, L.L. Nichols, and G.W.R. Enders. Depleted Uranium Radiation Fields from 25mm, M919 Packaged Ammunition, PNL-10590, July 1995c.

Parkhurst, M.A., M.H. Smith, and J. Mishima. Bradley Fighting Vehicle Burn Test, PNNL-12079, March 1999.

Parkhurst, M.A., personal communication, subject: Aerosol Decay, July 2000.

Patrick, M.A., and J.C.Cornette. Morphological Characteristics of Particulate Material Formed From High Velocity Impact of Depleted Uranium Projectiles with Armor Targets, AFATL-TR-78-117, October 1979.

Russell, J.J., et al., A Histological Kidney Study of Uranium and Non-Uranium Workers, *Health Physics*, (70):4, 466-472, 1996.

Scott, L.M. and C.M. West, An Evaluation of U₃O₈ Exposure With an Estimate of Systemic Body Burden, *Health Physics*, (13):21-26, 1967.

Scripsick, R.C., et al., Preliminary Study of Uranium Oxide Dissolution in Simulated Lung Fluid, LA-10268-MS-UC-41, 1985.

Sehmel, G.A., Particle Resuspension: A Review, *Environmental International*, (4):107-127, 1980.

Shelton, S.P. et al., Health and Environmental Consequences of Depleted Uranium Use in the U.S. Army, U.S. Army Environmental Policy Institute, June 1995.

Shinn, J.H. Enhancement Factors for Resuspended Aerosol Radioactivity: Effects of Topsoil Disturbance, In Proceedings of the Fifth International Conference on Precipitation Scavenging and Atmosphere-Surface Exchange Processes, 3:1183-1193, 1992.

Standard, J.N., Radioactivity and Health, PNL, DOE/RL/01830-T59, 1988.

Stokinger, H.E. Uranium. Patty's Industrial Hygiene and Toxicology, D.C. Clayton and F. E. Clayton, eds., John Wiley & Sons, New York, Vol 2A, 3rd ed., 1981.

Stolfi, R., J. Clemens, and R. McEachin. Combat Damage Assessment Team A-10/GAU-8 Low Angle Firings versus Individual Soviet Tanks, Vol 1, CMAT 1999071-0000018, February-March 1978.

Spoor, N.L. and J.B. Hursh. Protection Criteria in Hodge HC, Stannard J.N., Hursh J.B. eds., Handbook of Experimental Pharmacology, XXXVI, Berlin: Springer-Verlag, 1973.

Task Group on Lung Dynamics, Deposition and Retention Models for Internal Dosimetry of the Human Respiratory Tract, *Health Physics*, (12):2, 173-207, 1966.

Thun, M.J. et al., Renal Toxicity in Uranium Mill Workers, *Scand. J. Work Environ. Health*, (11):83-90, 1985.

46 FR 46976, Environmental Protection Agency, Environmental Radiation Protection Standards for Yucca Mountain, Nevada; Proposed Rule, August 1999.

52 FR 2822, Radiation Protection Guidance to Federal Agencies for Occupational Exposure, The President, January 1987.

Title 10, Code of Federal Regulations (CFR), Part 20, U.S. Nuclear Regulatory Commission, Standards for Protection Against Radiation, January 2000.

10 CFR Part 40, Domestic Licensing of Source Material, Nuclear Regulatory Commission, January 2000.

29 CFR Part 1910.1000, subpart Z. Occupational Safety and Health Administration, Department of Labor, Air Contaminants, January 2000.

U.S. Air Force Environmental Technical Applications Center, Gulf War Weather, USAFETAC/TN-92/003, March 1992.

- U.S. Army Armament, Research, Development and Engineering Center, Depleted Uranium (DU) Hard Impact Aerosolization Test Report (Source Term and Resuspension Estimates), EAI Report A015/98/002D2, May 1998.
- U.S. Army Center for Health Promotion and Preventive Medicine, Health Risk Assessment Consultation Number 28-MF-7555-98 for OSAGWI Exposure Investigation Report, Depleted Uranium in the Gulf, 3 August 1998.
- U.S. Army Center for Health Promotion and Preventive Medicine, Health Risk Assessment Consultation No. 26-MF-7555-00, Depleted Uranium Exposure and Risk Assessment, 15 December 1999.
- U.S. Army Center for Health Promotion and Preventive Medicine, Short-Term Chemical Exposure Guidelines for Deployed Military Personnel, Technical Guide 230A, May 1999.
- U.S. Army Center for Health Promotion and Preventive Medicine, Radiological Sources of Potential Exposure and/or Contamination, Technical Guide 238, June 1999.
- U.S. Army Corps of Engineers, Resumption of Use of Depleted Uranium Rounds at Nellis Air Force Range, Target 63-10, Draft Environmental Assessment, June 1997.
- U.S. Army Environmental Hygiene Agency, Radiochemistry Analysis Branch, Laboratory Reports Uranium in Urine Specimen Results, 26 June 1991 and 29 August 1991.
- U.S. Atomic Energy Commission, Health and Safety Laboratory, Symposium on Occupational Health Experience and Practices in the Uranium Industry, HASL-58, 1958.
- U.S. Energy Research and Development Administration, Conference on Occupational Health Experience with Uranium, ERDA 93, 1975.
- U.S. Environmental Protection Agency, Cancer Risk Coefficients for Environmental Exposure to Radionuclides, Federal Guidance Report No. 13, EPA 402-R-99-001, September 1999.
- U.S. Environmental Protection Agency, Health Effects Assessment Summary Tables, FY 1997 Update, EPA-540-R-97-036, July 1997.
- U.S. General Accounting Office, Report to Congressional Requesters, Gulf War Illnesses Understanding of Health Effects From Depleted Uranium Evolving but Safety Training Needed, GAO/NSIAD-00-70, March 2000.
- U.S. Nuclear Regulatory Commission, Guidelines for the Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Byproduct, Source, or Special Nuclear Material Licenses, Policy and Guidance Directive FC 83-23, November 1983.

- U.S. Nuclear Regulatory Commission, Guidelines for the Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Byproduct, Source, or Special Nuclear Material Licenses, Policy and Guidance Directive FC 83-23, November 1983.
- U.S. Nuclear Regulatory Commission, Proceedings of the Meeting on Ultrasensitive Techniques for Measurement of Uranium in Biological Samples and the Nephrotoxicity of Uranium, NUREG/CP-0093/PNL-6511, 1985.
- U.S. Nuclear Regulatory Commission, Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use of Termination of Licenses for Byproducts, Source, or Special Nuclear Material, April 1993.
- U.S. Uranium Registry, Biokinetics and Analysis of Uranium in Man, Proceedings of a Colloquium held at Richland, Washington, August 8-9, 1984, USUR-05 HEHF-47, August 1984.

Welford, G.A. and R. Baird, Uranium Levels in Human Diet and Biological Material, *Health Physics*, (13):1321-1324, 1967.

Wilsey, E.F., and E.W. Bloore. M774 Cartridges Impacting Armor - Bustle Targets: Depleted Uranium Airborne and Fallout Material, BRL-MR-3760, May 1989.

Wrenn, M.E., et al., Pharmacokinetic Models Relevant to Toxicity and Metabolism for Uranium in Humans and Animals, *Radiation Protection Dosimetry*, (26):1-4, 243-248, 1989.

Wrenn, M.E., et al., A Comprehensive Metabolic Model for Uranium Metabolism and Dosimetry Based on Human and Animal Data, *Radiation Protection Dosimetry*, (53):1-4, 255-258, 1994.

Wu, Y., C.I. Davison, and A.G. Russell. Resuspension and Rebound of Particles from Aerodynamic Teflon Surfaces, In Precipitation Scavenging and Atmosphere-Surface Exchange, Vol 2 – The Semonin Volume: Atmosphere-Surface Exchange Processes, 1992.

Zhao, S., and F. Y. Zhao, Nephrotoxic Limit and Annual Limit of Intake for Natural U, *Health Physics*, (58):5, 619-623, 1990.