



CONFLICT OR BIAS WEB DISCLOSURE FORM

ORAU TEAM
Dose Reconstruction
Project for NIOSH

DATE COMPLETED:

8/2/2011

ORAU TEAM EMPLOYEE'S NAME:

Arana, Joel

EMPLOYER:

Dade Moeller and Associates, Inc.

- Yes No 1. Are you currently engaged in any capacity (paid or unpaid) by the U.S. Department of Energy?
*A Yes indicates a conflict or bias with all DOE/AWE sites.

DOE/AWE SITE(S) WHERE A CONFLICT OR BIAS EXISTS:

Hanford
(Personal and
Corporate
Conflict)

- Yes No 2. Do you, or did you, **work^{a,b}** at or for the DOE or AWE site (excluding student internships or fellowships and independent activities at the site funded by entities other than the site or site **operator^c**, such as audits)?
- Yes No 3. Do you, or did you perform DOE-funded dose assessments or reconstructions for individual workers at the DOE or AWE site?
- Yes No 4. Did or does a **relative^d** work at or for the DOE or AWE site or is an attorney representing the site or a site claimant; or is a **relative^d** a site claimant?
- Yes No 5. Do you, or have you acted as an expert witness (including a non-testifying expert) on behalf of the DOE/AWE site, site **operator^c** or a site claimant for a radiation dose claim or suit?
- Yes No 6. Do you have a **subordinate work relationship^e** with a site claimant or with anyone who **works^{a,b}** or worked at or for the DOE/AWE site (excluding instances where another supervisor has been assigned to review your site-related work)?
- Yes No 7. Excluding employment addressed above and the receipt of retirement funds, to your knowledge, do you, or a **business partner^f** have any financial or legal relationship with the DOE or AWE site, any site claimants or their survivor(s), or with an attorney representing the site, site **operator^c** or a site claimant?

DEFINITIONS:

- a. The term "**work**" means employment as a production manager, or management, direction or **implementation^b** of radiation protection and health physics program policies, practices or procedures for the site or site **operator^c**. Student internships or fellowships and independent activities at the site funded by entities other than the site or site **operator^c**, such as audits, are not considered work for the site.
- b. The term "**implementation**" means developing, authorizing, controlling and/or professional level decision-making with regard to radiation protection and health physics program policies, practices, or procedures. It does not include mere adherence to those policies, practices or procedures by site personnel who are not directly employed by the health physics program.
- c. The term "**operator**" refers to the governmental and/or corporate entities, including their subcontractors, responsible for performing and overseeing day-to-day work activities at the site.
- d. The term "**relative**" means current spouse, child, parent, sibling, or grandparent and any survivor(s) of the same.
- e. The term "**subordinate work relationship**" means a relationship with an individual who is in the same reporting chain and who is within two organizational levels above your level in the organization.
- f. The term "**business partner**" means a partner who ordinarily takes part in the daily operations of the business, shares in the profits and losses, and is personally responsible for the partnership's debts and liabilities.

The Employee testifies that the above information is accurate and complete to the best of their knowledge and that they have reviewed and considered the full list of sites below in determining conflicts.

**AC Spark Plug - Flint, MI
Aeroprojects, Inc. - West Chester, PA
Ajax Magnathermic Corp. - Youngstown, OH
Alba Craft - Oxford, OH
Albany Research Center - Albany, OR
Albuquerque Operations Office - Albuquerque, NM
Aliquippa Forge - Aliquippa, PA
Allegheny-Ludlum Steel - Watervliet, NY
Allied Chemical and Dye Corp. - North Claymont, DE
Allied Chemical Corp. Plant - Metropolis, IL
Allis-Chalmers Co. - West Allis, Milwaukee, WI
Aluminum Co. of America (Alcoa) 1 - New Kensington, PA
Aluminum Co. of America (Alcoa) 2 - Garwood, NJ
Amchitka Island Nuclear Explosion Site - Amchitka Island, AK
AMCOT - Fort Worth, TX
American Bearing Corp. - Indianapolis, IN
American Chain and Cable Co. - Bridgeport, CT
American Machine and Foundry - Brooklyn, NY
American Machine and Metals, Inc. - E. Moline, IL
American Peddinghaus Corp. - Moonachle, NJ
American Potash & Chemical - West Hanover, MA
Ames Laboratory - Ames, IA
Anaconda Co. - Waterbury, CT
Area IV of the Santa Susana Field Laboratory - Santa Susana, CA
Argonne National Laboratory - East - Argonne, IL**

Argonne National Laboratory - West - Scoville, ID
Armco-Rustless Iron and Steel - Baltimore, MD
Armour Fertilizer Works - Bartow, FL
Armour Research Foundation - Chicago, IL
Arthur D. Little Co. - San Francisco, CA
Ashland Oil - Tonawanda, NY
Associated Aircraft Tool and Manufacturing Co. - Fairfield, OH
Atomics International - Los Angeles, CA
B & T Metals - Columbus, OH
Baker and Company - Newark, NJ
Baker and Williams Warehouses - New York, NY
Baker Brothers - Toledo, OH
Baker-Perkins Co. - Saginaw, MI
Battelle Laboratories - King Avenue - Columbus, OH
Battelle Laboratories - West Jefferson - Columbus, OH
Bell Telephone Laboratories - Murray Hill, NJ
Bendix Aviation (Pioneer Division) - Davenport, IA
Beryllium Production Plant (Brush) - Luckey, OH
Besley-Wells - South Beloit, WI
Bethlehem Steel - Lackawanna, NY
Birdsboro Steel & Foundry - Birdsboro, PA
Bliss & Laughlin Steel - Buffalo, NY
Blockson Chemical Co. (Building 55 and related activities) - Joliet, IL
Bloomfield Tool Co. - Bloomfield, NJ
BONUS Reactor Plant - Punta Higuera, PR
Bowen Engineering, Inc. - North Branch, NJ
Bridgeport Brass Co., Adrian - Adrian, MI
Bridgeport Brass Co., Havens Lab - Bridgeport, CT
Brookhaven National Laboratory - Upton, NY
Brush Beryllium Co. 1 - Detroit, MI
Brush Beryllium Co. 4 - Cleveland, OH
BWXT - Lynchburg, VA
C - B Tool Products Co. - Chicago, IL
C. G. Sargent & Sons - Graniteville, MA
C. H. Schnorr - Springdale, PA
C. I. Hayes, Inc. - Cranston, RI
California Research Corp. - Richmond, CA
Callite Tungsten Co. - Union City, NJ
Canoga Avenue Facility (Vanowen Building) - Los Angeles, CA
Carboloy Co. - Detroit, MI
Carborundum Company - Niagara Falls, NY
Carnegie Institute of Technology - Pittsburgh, PA
Carpenter Steel Co. - Reading, PA
Chambersburg Engineering Co. - Chambersburg, PA
Chapman Valve - Indian Orchard, MA
Chemical Construction Co. - Linden, NJ
Chupadera Mesa - Chupadera Mesa, NM
Cincinnati Milling Machine Co. - Cincinnati, OH
Clarksville Facility - Clarksville, TN
Clinton Engineer Works (CEW) - Oak Ridge, TN
Colonie Site (National Lead) - Colonie (Albany), NY
Combustion Engineering - Windsor, CT
Connecticut Aircraft Nuclear Engine Laboratory - Middletown, CT
Copperweld Steel - Warren, OH
Crane Co. - Chicago, IL
Crucible Steel Co. - Syracuse, NY
Dana Heavy Water Plant - Dana, IN
De Soto Avenue Facility - Los Angeles, CA
Dorr Corp. - Stamford, CT
Dow Chemical Co. - Walnut Creek, CA

DOW Chemical Co. (Madison Site) - Madison, IL
Downey Facility - Los Angeles, CA
Du Pont - Grasselli Research Laboratory - Cleveland, OH
Du Pont Deepwater Works - Deepwater, NJ
Edgerton Germeshausen & Grier, Inc. - Boston, MA
Electro Circuits, Inc. - Pasadena, CA
Electro Metallurgical - Niagara Falls, NY
Elk River Reactor - Elk River, MN
Environmental Measurements Laboratory - New York, NY
ERA Tool and Engineering Co. - Chicago, IL
Extruded Metals Co. - Grand Rapids, MI
Extrusion Plant (Reactive Metals Inc.) - Ashtabula, OH
Feed Materials Production Center (FMPC) - Fernald, OH
Fenn Machinery Co. - Hartford, CT
Fenwal, Inc. - Ashland, MA
Fermi National Accelerator Laboratory - Batavia, IL
Foote Mineral Co. - East Whiteland Twp., PA
Frankford Ansenal - Philadelphia, PA
Gardinier, Inc. - Tampa, FL
General Atomics - La Jolla, CA
General Electric Company - Cincinnati / Evendale, OH
General Electric Plant - Shelbyville, IN
General Electric Vallecitos - Pleasanton, CA
General Electric X-Ray Division - Milwaukee, WI
General Steel Industries - Granite City, IL
Grand Junction Operations Office - Grand Junction, CO
Great Lakes Carbon Corp. - Chicago, IL
Green Sludge Plant - Uraven, CO
Gruen Watch - Norwood, OH
GSA 39th Street Warehouse - Chicago, IL
Hallam Sodium Graphite Reactor - Hallam, NE
Hanford - Richland, WA
Hangar 481, Kirtland Air Force Base - Albuquerque, NM
Harshaw Chemical Co. - Cleveland, OH
Heald Machine Co. - Worcester, MA
Heppenstall Co. - Pittsburgh, PA
Herring - Hall Marvin Safe Co. - Hamilton, OH
High Energy Rate Forging (HERF) Facility - Oxnard, CA
Hood Building - Cambridge, MA
Hooker Electrochemical - Niagara Falls, NY
Horizons, Inc. - Cleveland, OH
Hunter Douglas Aluminum Corp. - Riverside, CA
Idaho National Laboratory - Scoville, ID
International Minerals and Chemical Corp. - Mulberry, FL
International Nickel Co., Bayonne Laboratories - Bayonne, NJ
International Rare Metals Refinery, Inc. - Mt. Kisco, NY
International Register - Chicago, IL
Iowa Ordnance Plant - Burlington, IA
Ithaca Gun Co. - Ithaca, NY
J. T. Baker Chemical Co. - Phillipsburg, NJ
Jessop Steel Co. - Washington, PA
Joslyn Manufacturing and Supply Co. - Ft. Wayne, IN
Kaiser Aluminum Corp. - Dalton, IL
Kansas City Plant - Kansas City, MO
Kauai Test Facility - Kauai, HI
Kellex/Pierpont - Jersey City, NJ
Kerr - McGee - Guthrie, OK
Kirtland Operations Office - Albuquerque, NM
Koppers Co., Inc. - Verona, PA
La Pointe Machine and Tool Co. - Hudson, MA

Laboratory for Energy-Related Health Research - Davis, CA
Laboratory of Biomedical and Environmental Sciences - Los Angeles, CA
Laboratory of Radiobiology and Environmental Health - San Francisco, CA
LaCrosse Boiling Water Reactor - LaCrosse, WI
Lake Ontario Ordnance Works - Niagara Falls, NY
Landis Machine Tool Co. - Waynesboro, PA
Latty Avenue Properties - Hazelwood, MO
Lawrence Berkeley National Laboratory - Berkeley, CA
Lawrence Livermore National Laboratory - Livermore, CA
Ledoux and Co. - New York, NY
Linde Air Products - Buffalo, NY
Linde Ceramics Plant - Tonawanda, NY
Lindsay Light and Chemical Co. - W. Chicago, IL
Los Alamos Medical Center - Los Alamos, NM
Los Alamos National Laboratory - Los Alamos, NM
Lovelace Respiratory Research Institute - Albuquerque, NM
Magnus Brass Co. - Cincinnati, OH
Mallinckrodt Chemical Co., Destrehan St. Plant - St. Louis, MO
Massachusetts Institute of Technology - Cambridge, MA
Mathieson Chemical Co. - Pasadena, TX
Maywood Chemical Works - Maywood, NJ
McKinney Tool and Manufacturing Co. - Cleveland, OH
Medart Co. - St. Louis, MO
Medina Facility - San Antonio, TX
Metallurgical Laboratory - Chicago, IL
Metals and Controls Corp - Attleboro, MA
Middlesex Municipal Landfill - Middlesex, NJ
Middlesex Sampling Plant - Middlesex, NJ
Midwest Manufacturing Co. - Galesburg, IL
Mitchell Steel Co. - Cincinnati, OH
Mitts & Merrel Co. - Saginaw, MI
Monsanto Chemical Co. - Dayton, OH
Mound Plant - Miamisburg, OH
Museum of Science and Industry - Chicago, IL
National Bureau of Standards, Van Ness Street - Washington, DC
National Guard Armory - Chicago, IL
National Research Corp. - Cambridge, MA
Naval Research Laboratory - Washington, DC
Nevada Site Office - North Las Vegas, NV
Nevada Test Site - Mercury, NV
New Brunswick Laboratory - New Brunswick, NJ
New England Lime Co. - Canaan, CT
New York University - New York, NY
Norton Co. - Worcester, MA
Nuclear Materials and Equipment (NUMEC) - Parks Township - Parks Township, PA
Nuclear Materials and Equipment Corp. (NUMEC) - Apollo - Apollo, PA
Nuclear Metals, Inc. - Concord, MA
Oak Ridge Gaseous Diffusion Plant (K-25) - Oak Ridge, TN
Oak Ridge Hospital - Oak Ridge, TN
Oak Ridge Institute for Science Education - Oak Ridge, TN
Oak Ridge National Laboratory (X-10) - Oak Ridge, TN
Oak Ridge Thermal Diffusion Plant (S-50) - Oak Ridge, TN
Office of Scientific and Technical Information (OSTI) - Oak Ridge, TN
Oliver Corp. - Battle Creek, MI
Ore Buying Station at Crooks Gap - Crooks Gap, WY
Ore Buying Station at Edgemont - Edgemont, SD
Ore Buying Station at Globe - Globe, AZ
Ore Buying Station at Grants - Grants, NM
Ore Buying Station at Marysvale - Marysvale, UT

Ore Buying Station at Moab - Moab, UT
Ore Buying Station at Monticello - Monticello, UT
Ore Buying Station at Riverton - Riverton, WY
Ore Buying Station at Shiprock - Shiprock, NM
Ore Buying Station at White Canyon - White Canyon, UT
Pacific Northwest National Laboratory - Richland, WA
Pacific Proving Ground - Marshall Islands, MH
Paducah Gaseous Diffusion Plant - Paducah, KY
Painsville Site (Diamond Magnesium Co.) - Painsville, OH
Pantex Plant - Amarillo, TX
Peek Street Facility - Schenectady, NY
Penn Salt Co. - Philadelphia / Wyndmoor, PA
Philadelphia Naval Yard - Philadelphia, PA
Picatinny Arsenal - Dover, NJ
Pinellas Plant - Clearwater, FL
Piqua Organic Moderated Reactor - Piqua, OH
Podbeliniac Corp. - Chicago, IL
Portsmouth Gaseous Diffusion Plant - Piketon, OH
Precision Extrusion Co. - Bensenville, IL
Princeton Plasma Physics Laboratory - Princeton, NJ
Project Chariot Site - Cape Thompson, AK
Project Faultless Nuclear Explosion Site - Central Nevada Test Site, NV
Project Gasbuggy Nuclear Explosion Site - Farmington, NM
Project Gnome Nuclear explosion Site - Carlsbad, NM
Project Rio Blanco Nuclear Explosion Site - Rifle, CO
Project Rulison Nuclear Explosion Site - Grand Valley, CO
Project Shoal Nuclear Explosion Site - Fallon, NV
Puerto Rico Nuclear Center - Mayaguez, PR
Purdue University - Lafayette, IN
Quality Hardware and Machine Co. - Chicago, IL
R. Krasburg and Sons Manufacturing Co. - Chicago, IL
R. W. Leblond Machine Tool Co. - Cincinnati, OH
Radium Chemical Co. - New York, NY
Rare Earth/W. R. Grace - Wayne, NJ
Reduction Pilot Plant - Huntington, WV
Reed Rolled Thread Co. - Worcester, MA
Revere Copper and Brass - Detroit, MI
Rocky Flats Plant - Golden, CO
Roger Iron Co. - Joplin, MO
Ross Aviation - Albuquerque, NM
Sacandaga Facility - Glenville, NY
Salmon Nuclear Explosion Site - Hattiesburg, MS
SAM Laboratories, Columbia University - New York City, NY
Sandia Laboratory-Salton Sea Base - Imperial County, CA
Sandia National Laboratories - Livermore - Livermore, CA
Sandia National Laboratory - Albuquerque, NM
Savannah River Site - Aiken, SC
Sciaky Brothers, Inc. - Chicago, IL
Seaway Industrial Park - Tonawanda, NY
Seneca Army Depot - Romulus, NY
Separations Process Research Unit (at Knolls Lab) - Schenectady, NY
Seymour Specialty Wire - Seymour, CT
Shattuck Chemical - Denver, CO
Shippingport Atomic Power Plant - Shippingport, PA
Shpack Landfill - Norton, MA
Simonds Saw and Steel Co. - Lockport, NY
South Albuquerque Works - Albuquerque, NM
Southern Research Institute - Birmingham, AL
Spencer Chemical Co. - Kansas, MO
Spencer Chemical Co., Jayhawks Works - Pittsburg, KS

Sperry Products, Inc. - Danbury, CT
St Louis Airport Storage Site (SLAPS) - St. Louis, MO
Standard Oil Development Co. of NJ - Linden, NJ
Stanford Linear Accelerator Center - Palo Alto, CA
Star Cutter Corp. - Farmington, MI
Staten Island Warehouse - New York, NY
Stauffer Metals, Inc. - Richmond, CA
Superior Steel Co. - Carnegie, PA
Sutton, Steele and Steele Co. - Dallas, TX
Swenson Evaporator Co. - Harvey, IL
Sylvania Corning Nuclear Corp - Bayside Laboratories - Bayside, NY
Sylvania Corning Nuclear Corp - Hicksville Plant - Hicksville, NY
Tech-Art, Inc. - Milford, OH
Tennessee Valley Authority - Muscle Shoals, AL
Texas City Chemicals, Inc. - Texas City, TX
Thomas Jefferson National Accelerator Facility - Newport News, VA
Titanium Alloys Manufacturing - Niagara Falls, NY
Titus Metals - Waterloo, IA
Tocco Induction Heating Div - Cleveland, OH
Tonopah Test Site - North Las Vegas, NV
Torrington Co. - Torrington, CT
Trinity Nuclear Explosion Site - White Sands Missile Range, NM
Tube Reducing Co. - Wallington, NJ
Tyson Valley Powder Farm - St. Louis, MO
U.S. Steel Co., National Tube Division - McKeesport, PA
United Lead Co. - Middlesex, NJ
United Nuclear Corp. - Hematite, MO
University of California - Berkeley, CA
University of Denver Research Institute - Denver, CO
University of Florida - Gainesville, FL
University of Michigan - Ann Arbor, MI
University of Rochester Atomic Energy Project - Rochester, NY
University of Virginia - Charlottesville, VA
Uranium Mill at Moab - Moab, UT
Uranium Mill at Shiprock - Shiprock, NM
Uranium Mill in Durango - Durango, CO
Uranium Mill in Monticello - Monticello, UT
Utica St. Warehouse - Buffalo, NY
Ventron Corporation - Beverly, MA
Virginia-Carolina Chemical Corp. - Nichols, FL
Vitro Corp. of America, Chattanooga - Chattanooga, TN
Vitro Corp. of America, West Orange - West Orange, NJ
Vitro Manufacturing - Canonsburg, PA
Vulcan Tool Co. - Dayton, OH
W. E. Pratt Manufacturing Co. - Joliet, IL
W. R. Grace - Erwin, TN
W. R. Grace and Company - Curtis Bay, MD
W. R. Grace Co., Agricultural Chemical Div. - Ridgewood, FL
Wah Chang - Albany, OR
Wash-Rite - Indianapolis, IN
Waste Isolation Pilot Plant - Carlsbad, NM
Watertown Arsenal - Watertown, MA
Weldon Spring Plant - Weldon Spring, MO
West Valley Demonstration Project - West Valley, NY
Westinghouse Atomic Power Development Plant - East Pittsburgh, PA
Westinghouse Electric Corp. - Bloomfield, NJ
Westinghouse Nuclear Fuels Division - Cheswick, PA
Winchester Engineering and Analytical Center - Winchester, MA
Woburn Landfill - Woburn, MA
Wolff - Alport Chemical Corp. - Brooklyn, NY

Wolverine Tube Division - Detroit, MI

Wyckoff Drawn Steel Co. - Chicago, IL

Wyckoff Steel Co. - Newark, NJ

Y-12 Plant - Oak Ridge, TN

Yucca Mountain Site Characterization Project - Yucca Mountain, NV