

A, Formula One races into Sunday. A primer and extra. 14C.

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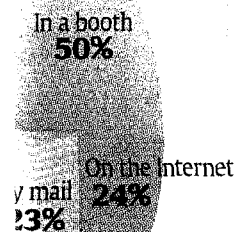
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By Alejandro Gonzalez, USA TODAY

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All eyes on Jones

Goal of five golds brings burden of expectations to U.S. sprinter

By Tom Weir
USA TODAY

SYDNEY — By now, even casual sports fans know Marion Jones has steadfastly and unabashedly promised the world she will leave the 2000 Summer Olympics with five gold medals.

Should she deliver on her promise, it would be an Olympic record for a female track and field athlete at one Games and such a physical and psychological triumph that perhaps only a handful of other Olympic champions can fully appreciate its difficulty.






John Naber, winner of four gold medals and a silver in swimming for the USA at the 1976 Montreal Olympics, says, "The burden of expectations on Marion Jones cannot be overstated."

The USA's Michael Johnson knows the feeling. He was in the same position at the 1996 Atlanta Olympics, where his history-making men's double in the 200 and 400 meters made him the runner everyone wanted to beat. "If she's able to do it, it would make her the premier track and field athlete," Johnson says "These Olympics would become the Marion Jones Olympics."

Friday afternoon (Thursday night, ET), the quest begins. Jones will be competing in track and field's shortest, most explosive events, but she also must survive a marathon of 10 races and two rounds of long jumping spread over nine days.

Every time she walks into Olympic Stadium, all eyes and cameras will be focused on the 24-year-old from Apex, N.C. She will be

Her goals

-  100m, Fri.-Sat.
-  200m, Sept. 27-28
-  Long jump, Sept. 27, 29
-  4x100, Sept. 30
-  4x400, Sept. 30

the competitor the rest of the field targets, and at times she might feel her Olympic experience has boiled down to Marion Jones vs. the World.

Australia's national hero at these Games, Ian Thorpe, learned how hard that can be when he was beaten in his third swimming event, the 200-meter freestyle, after two gold-medal performances had made him seem invincible.

"I gave the race my all, but I might have been a little flat, coming off the emotion of the night before," says Thorpe, 17. "I wish I could have gone a little bit faster, but you don't always get things your way."

John Naber calls Thorpe's letdown entirely predictable.

In Ian Thorpe's case, Day 1 of swimming was a remarkable high that brings with it a rush of adrenaline that will carry you for a time," Naber says. "But there has to be an inevitable crash, which I think happened to him in the 200. When you're in that type of situation, you have to sustain it over a period of days, while your opposition only has to have it on the day they face you."

In retrospect, Naber believes he benefited overall by placing second in an event early in the Montreal Olympics, the 100 freestyle, and losing his chance for a sweep of five golds.

"I did not consider myself to be the standard-bearer for the U.S. team," Naber says. "I never had to live up to anyone else's expectations."

Besides the unprecedented task Jones faces at the track, there will be endless media demands and no hope of going anywhere in Sydney without being recognized.

"You're always on the go. You're always in transit," Naber says. "There's no place to

Please see COVER STORY next page ▶

Nuclear sites made public

Firms did weapons work

By Peter Eisler
USA TODAY

WASHINGTON — The Energy Department today will release the names and locations of more than 550 companies, research sites and other places across the nation where radioactive and toxic materials may have been secretly processed for the U.S. nuclear weapons program.

The list was obtained Wednesday by USA TODAY. Its publication follows a USA TODAY investigation that detailed the government's extensive use of private companies for nuclear arms work.

That investigation, published earlier this month, turned up about 300 private contractors that did weapons work. It also revealed that unwitting workers at many sites were exposed to extreme radiation and chemical hazards and that many companies dumped hazardous waste into surrounding communities.

While the federal plants and labs in the database have been publicly known for years, this is the first time the government has released a comprehensive list that includes commercial facilities.

The list is being released on the day of a House hearing on legislation that would for the first time provide government compensation to weapons workers with illnesses linked to exposure to radioactive and toxic material. It's likely to raise questions about whether the bill, which mainly promises aid to workers at federal sites, should provide more guarantees of coverage for workers at the private facilities.

▶ DOE's complete list, 2A, and at USATODAY.com

Poisoned workers & poisoned places

Guter 1-5

10/6/00

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For over 650 Olympians, this is the most important headline on this page.

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Companies and research sites where radioactive and toxic materials might have been processed secretly

This is a list of more than 550 sites where the Department of Energy either knows work was performed for the nuclear weapons program or where questions have been raised about whether such work was done. At some of these sites, past investigations have concluded that no radioactive material was handled. At other sites, past investigations have concluded that weapons work was not done. However,

there are questions about whether the conclusions reached at some sites during previous investigations are accurate. DOE is reviewing records at many sites. Officials also say they are developing a plan to address worker safety and environmental questions at many of the sites. As it becomes available, more information will be posted on a public database that Energy Secretary Bill Richardson has ordered be

created on the DOE's Web site: www.doe.gov. The DOE provided no information about Oklahoma and Vermont. The list was obtained by USA TODAY too late Wednesday to allow time to alphabetize it by location. Sites are presented in the order they appear on the DOE's list. (Story, 1A)

ALABAMA
Tennessee Valley Authority, Muscle Shoals
Alabama Ordnance Works, Sylacauga
Southern Research Institute, Birmingham
ALASKA
Amchitka Island Test Center
ARIZONA
Monument Valley Mill
Tuba City Mill and AEC Ore Buying Station
University of Arizona, Tucson
Cameron Station
Globe (Cutter) AEC Ore Buying Station
ARKANSAS
none
CALIFORNIA
Mare Island Navy Yard
Northern Aircraft, Hawthorne
Shannon Luminescent Metals, Hollywood
Stanford University, Microwave Laboratory
University of California, Davis
Arthur O. Love, San Francisco
Dow Chemical, Walnut Creek
University of California-Berkeley (Gilman Hall)
California Institute of Technology Lab. For Energy Related-Health Research, Davis
Univ. of California-Berkeley
Naval Ordnance Test Station, Inyokern/China Lake
North American Aviation, Downey
Electro Circuits, Pasadena
Santa Susana Field Lab, Canoga Park
Burrus Park Field Station, Kingsburg
Hunter Douglas Aluminum Division of Bridgeport Brass, Riverside
Saulfer Metals, Richmond
General Electric, San Jose
COLORADO
American Smelting and Refining, Grand Junction
Bureau of Mines, Denver
Climax Uranium, Grand Junction
Denver Equipment
Durango Mill
Gunnison Mill
Maybell Mill
Naurita Mill
Project Rio Blanco
Project Rulison, Garfield County
Rifle Mill
Colorado School of Mines, Golden
Uranium Mill
Loma Mill
Gateway Mill
Vanadium Mill
Rocky Mountain Research, Denver
Headricks Mill
Slick Rock
Marion Mill Site, Boulder
Colonial Uranium
Shattuck Chemical, Denver
Cooks Porcelain, Golden
University of Denver Research Institute
CONNECTICUT
Metals Selling, Putnam
New England Lime, Canaan
Olin Matheson, New Haven
Anapoda, Waterbury
Seymour Specialty Wire
Combustion Engineering, Windsor
Pratt & Whitney CANTEL Facility, Middletown
Yale Heavy Ion Linear Accelerator
Bridgeport Brass Hays Lab
Spery Products, Waterbury
New Canaan
Torrington
Nelo Metals, Canaan
Flemm Machinery, Hartford
Wesleyan University, Middletown
American Cyanamid, Stamford
Dorr, Stamford
American Chain and Cable, Bridgeport
DISTRICT OF COLUMBIA
Naval Gun Factory and Bureau of

Ordnance
National Bureau of Standards, Van Ness
Naval Research Laboratory
DELAWARE
Alicat Chemical and Dye, North Claymont
FLORIDA
University of Miami
U. S. Steel, USS Agricultural Div., Ridgewood
International Minerals and Chemical, Mulberry
C. F. Industries, Bartow
W. R. Grace Co., Agricultural Chemical Div., Ridgewood
Gardiner, Tampa
Consew, Nichols
General Electric, St. Petersburg
Humphreys Gold, Jacksonville
University of Florida, Gainesville
GEORGIA
none
HAWAII
none
IDAHO
None
ILLINOIS
Allied Chemical, Metropolis
EIMCO, Palatine
Granite City Army Depot
California Institute of Technology, Chicago
Midwest Manufacturing, Galesburg
Morse Chemical, Chicago
Scaly Brothers, Chicago
Swenson Evaporator
Wycoff Drawn Steel, Chicago
Billings Hospital, Small Animal Facility, Chicago
GSA 397H Street Warehouse, Chicago
Museum of Science and Industry, Chicago
Palos Park Forest Preserve Site, Chicago
National Guard Armory, Chicago
University of Chicago
Olin Matheson, Joliet
Argonne National Laboratory, Chicago
Rock Island Arsenal
Lindsay Light and Chemical, W. Chicago
Quality Hardware and Machine, Chicago
W. E. Pratt Manufacturing, Joliet
Crane, Chicago
Heavy Minerals, Chicago
International Register, Chicago
Panster Metallurgical, N. Chicago
Armour Research Foundation, Chicago
International Mineral & Chemical, Chicago
Kaiser Aluminum, Dalton
Precision Extrusion, Bensenville
Great Lakes Carbon, Chicago
Podbelnic, Chicago
Swenson Evaporator
American Machine and Metals, E. Moline
Vaporfer, Blue Island
Spectruline Consortium, Madison
R. Krashing and Sons, Chicago
Granite City Steel, Granite City
ERA Tool and Engineering, Chicago
Max Zuckerman & Sons, Chicago
C-B Tool Products, Chicago
Kankakee Ordnance Plant, Kankakee
Allied Chemical, Metropolis
INDIANA
University of Notre Dame, South Bend
Purdue Manufacturing and Supply, West Lafayette
Purdue University Van der Graaf Lab, Ames
Wabash River Ordnance Works, Terra Haute
Standard Oil of Indiana, Whiting
Indiana Steel Products, Valparaiso
University of Indiana, Bloomington
General Electric Plant, Shelbyville
Wesbite, Indianapolis
American Beamt, Indianapolis

IOWA
Iowa State University, Ames Lab
Burlington Ordnance Plant, Burlington
Ames Laboratory Research Reactor Facility, Ames
Titus Metals, Waterloo
Bendix Aviation, Pioneer Div., Davenport
KANSAS
Spencer Chemical Jayhawks Works, Pittsburg
KENTUCKY
Paducah Gaseous Diffusion Plant, Paducah
LOUISIANA
none
MAINE
none
MARYLAND
Bendix Process Div., Baltimore
Clam & Moritz, Middle River
Naval Ordnance Lab, Silver Spring
Public Health Service, NIH, Bethesda
WR. Grace, Curtis Bay
Johns Hopkins University, Baltimore
Armo-Rustless Iron & Steel, Baltimore
Max Zuckerman & Sons, Baltimore
Hydroblast, Chicago
Maryland Disposal site, location unknown
MASSACHUSETTS
E.K. Badger, Boston
Edgerton Gernsmausen & Gierr, Boston
Engelhard Industries, Plainville
Manufacturing Labs, Boston
TracerLab, Boston
Tufts College, Medford
Massachusetts Institute of Technology, Cambridge
Waterdown Arsenal, Watertown
Winchester Engineering and Analytical Center, Winchester
Venron, Beverly
Harvard University Electron Accelerator, Cambridge
Shpack Landfill, Norton
Woburn Landfill, Woburn
Chapman Valve Manufacturing, Indian Orchard
Nuclear Metals, Cambridge
National Research, Boston
TracerLab, Boston
Norton Worcester
American Forash & Chemical, West Hanover
Fenwal, Ashland
Heald Machine, Worcester
La Pointe Machine and Tool, Hudson
C. G. Sargent & Sons, Graniteville
Red Rolled Thread, Worcester
NRC Equipment, Newton
New England Materials Laboratory, Medford
Metals and Controls, Attleboro
MICHIGAN
AMEX Specialty Coldwater
DOW-Detroit Edison Project
Naval Ordnance Plant, Centerville
General Motors, Adrian
Westinghouse Naval Ordnance, Detroit
Dow Chemical, St. Louis
Revere Copper and Brass, Detroit
Wolverine Tube Division, Detroit
Dow Chemical, Midland
General Motors Plant, Flint
University of Michigan Ann Arbor
Genys-Michigan, Ann Arbor
Detroit, Detroit
Oliver, Battle Creek
Carboy, Detroit
Purdue Perkins, Saginaw
Mits & Merrel, Saginaw
Star Cutter, Farmington
Extruded Metals, Grand Rapids
4400 Plant Rd., Ottawa Lake
MINNESOTA
Twin Cities Ammunition Plant, New Brighton
Elk River Reactor, Elk River
MISSISSIPPI
Turner Dome Test Site, Hattiesburg

MISSOURI
Spencer Chemical, Kansas City
St. Louis University
United Nuclear, Hematite
St. Louis Airport Storage site
St. Louis Downtown site
Weldon Spring Chemical, St. Charles
Ladys Avenue, St. Louis
West Lake Landfill, Bridgeton
Bendix Aviation, Kansas City
Washington University, St. Louis
Petrolite, St. Louis
Medart, St. Louis
Trinity Test Site, White Sands
Grants AEC Ore Buying Station, Grants
NEW YORK
African Metals, New York
Al-Tech Specialty Steel, Dunkirk
American Railway Express Office, New York
Bell Telephone Labs, New York
Broje-Tudman, Institute for Plant Research, Yonkers
Canadian Radium and Uranium, New York
Carnegie Institute of Washington (Dept. of Genetics), Cold Spring Harbor
Colorado Fuel and Iron, Watervliet
Eastman Kodak Laboratory, Rochester
Enterprise Metal Products, Buffalo
Floyd Bennett Field, Brooklyn
Fordham University, New York
Frederick Fluor, Tonawanda
Long Island College of Medicine, New York
Lucius Pitkin, New York
Memorial Hospital, New York
National Research, New York
Pier 36, New York
Polytechnic Institute of Brooklyn
Pyrotech, New York
Rockefeller Institute for Medical Research, New York
Union Mines Development, New York
Ultra St. Warehouse, Buffalo
Al-Tech Specialty Steel, Watervliet
Bethlehem Steel, Lackawanna
Columbia University, New York
Electronite, Niagara
Hooker Chemical, Niagara Falls
Colonie Site
Sylvania Corning Nuclear, Bayside
Linde Air Products Division, Tonawanda
Seaway Industrial Park, Tonawanda
Ashland Oil, Tonawanda
Seneca Army Depot, Romulus
Simmonds Saw and Steel, Lockport
ACF Industries, Buffalo
Brookhaven National Lab buildings, New York
DuPont, Watervliet
Knolls Atomic Power Lab of General Electric, Schenectady
Niagara Fall Storage site, Lewiston
Rensselaer Polytechnic Institute, Troy
Sylvania-Corning Plant, Hicksville
University of Rochester Medical Lab
West Milton Reactor site, Schenectady
Staten Island Warehouse, New York
West Valley Demonstration Project
Love Canal, Niagara Falls
Federal Repository, Elmira
American Machine and Foundry, Brooklyn
Tonawanda Office, Export, Import, Niagara Falls
Cornell University Medical College, Blue Water
Syracuse University
Wolf-Altport, Buffalo
Carborundum, Buffalo Ave. Plant, Niagara Falls
Bays Canyon, Los Alamos
America, White Plains
Hana-Neuer, New York
Crucible Steel Co. of America, Syracuse
Simmonds Machine and Tool, Albany
Naval Supply Depot, Scotia
Ledoux, Cleveland
International Rare Metals Refinery, Mt. Kisco
Ulta Drop Forge & Tool
Curtis Wright Metals Processing Div., Buffalo
Titanium Alloy Mfg., Niagara Falls
Ferro Metal & Chemical, New York
Kennecott Copper, New York
Belmont Smelting & Refining Works, Brooklyn
Platz & Bauer, New York
R. L. Lertke, New York
National Carbon, New York
African Metals, New York
New York University, New York
Sacandaga, Glenville
Niagara Smelting
Ithaca Gun
E. & S. Steel, Buffalo
Greson Works, Rochester
Bufflovak, Buffalo
American Applications, New York
American Machine and Foundry, Buffalo
Radium Chemical, New York
Baker & Williams, Westchester
Carbonneau Site, Malta
American Machine and Foundry, Buffalo
Wilson Warehouse, Buffalo
Linde Air Products, Buffalo
Pholi Brothers Landfill, Tonawanda
NORTH CAROLINA
North Carolina State University, Raleigh
NORTH DAKOTA
Belfield Mill
Borwman Mill
OHIO
Case School of Applied Science, Ohio State University, Columbus
Cyrus Foyte Mineral, Cambridge
Food& Machine Shop, Oxford
NationalACME Machine, Cleveland
Ohio State University, Columbus
Olinart, Cincinnati
University of Cincinnati
Wright Air Development Center, Dayton
Battelle Memorial Institute, Columbus
Brush Beryllium, Cleveland
DuPont, Grasselli Plant, Cleveland
Harshaw Chemical, Cleveland
Horizons, Cleveland
Air Force Plant 36, Evandale
DuPont Plants No.1 and 3
Piqua Nuclear Power Facility, Piqua
Brush Beryllium, Elmore
Magnez Brass, Cincinnati
GARD, Wooster
Feed Materials Production Center, Fernald
Cooper Metallurgical Associates, Cleveland
Tech-Art, Milford
Battelle Columbus Labs, Columbus
Baker Brothers, Toledo
McKinney Tool and Mfg., Cleveland
Lucky Site
MOUND plant, Miamisburg
Magnez Brass, Cincinnati
Alba Craft, Oxford
Associate Aircraft Tool and Mfg. Fairfield
Lodge and Shipley, Cincinnati
Blue Water Milling Machine, Cincinnati
B&I Metals, Columbus
Herring-Hall Marvin Safe, Hamilton
Nuc. Development Corp., Toledo
Clifton Products, Painesville
Monsanto Chemical, Dayton
General Electric, Cincinnati
Western Reserve University
Loversen Weld Steel Works

Osborne, Cleveland
Cleveland
American Steel Foundries, Cincinnati
Gruen Watch, Norwood
R. W. Leblond Machine Tool, Cincinnati
Bufflovak
Duhnis Chemical, Cincinnati
John Van Range, Cincinnati
Queen City Barrel, Cincinnati
Tocco Induction Hearing Div., Cleveland
Ajax Magnathermic, Youngstown
Progress Research, Cincinnati
Metal Engineer Depot, Marion
Moth & Merryweather, Cleveland
Brush Beryllium, Lorain
Painesville
Duriron, Dayton
Charles Taylor and Sons, Cincinnati
Robins & Myers, Springfield
OREGON
Lakeview Mill
Oregon Metallurgical, Albany
Wah Chang, Albany
Research Center, Albany
PENNSYLVANIA
American Chain and Cable
Wilkes-Barre
Bartol Research Foundation, Allentown
Granite River Mill (under UMRTRAP)
Mexican Hat AEC Ore Buying Station (under UMRTRAP)
Salk Lake City Mill (under UMRTRAP)
Salk Lake City AEC Ore Buying Station
U. S. Bureau of Mines
Pittsburgh
Rohm & Haas, Philadelphia
Superior Steel, Carnegie
Westinghouse Atomic Power Dev. Forest Hills
Canonsburg Industrial Park
PennCentral Transportation, Blansville
Altopia Forge
Philadelphia Navy Yard
Carnegie-Mellon Cyclotron Facility, Saxonyburg
Westinghouse Astronautical, Cheswick
C. A. Schnorr, Springdale
Carpenter Steel, Reading
Shippingport Atomic Power Station
City Street Terminal, Pittsburgh
Vanadium Corp. of America, Bridgeville
Westinghouse Atomic Power Div., Homestead
Jeasop Steel, Washington
Babcock & Wilcox, Beaver Falls
Heppanthal, Pittsburgh
Penn Salt, Chestnut Hill
Ranford Arsenal, Philadelphia
Aeroprojects, West Chester
Alcoa, New Kensington
Summerill Tubing, Bridgeport
Coopers, Pittsburgh
Philadelphia Naval Yard
Brown Instrument Div.
Birdsboro Steel & Foundry, Birdsboro
Painesville Ordnance Works
National Smelting & Refining
Lands Machine Tool, Waynesboro
U. S. Steel National Tube Div., McCleesport
Bureau of Mines, Bruckton
Curtis Wright Milling Machine, Cincinnati
B&I Metals, Columbus
Herring-Hall Marvin Safe, Hamilton
Nuc. Development Corp., Toledo
Clifton Products, Painesville
Monsanto Chemical, Dayton
General Electric, Cincinnati
Western Reserve University
Loversen Weld Steel Works

Brown University
Brown University
C. L. Hays, Inc.
SOUTH CAROLINA
Savannah River Swamp
UTAH
Hazen Mountain (under UMRTRAP)
TENNESSEE
Parcel 228
Oak Ridge its Diffrent Plant
Te Eastman Corp.
Viro Corp. of America
W. R. Grace
Clinton Laboratories
Knoxville hon Co.
Clareville Foundry & Machine Co.
East Washington
Union Carbide and Carbon Co.
TEXAS
Pasadena, Chemical Corp. Pilot Plant
Texas City Chemicals, Inc.
Paritex Sewage Reservoir
Falls City Uranium Mill (under UMRTRAP)
Kearns City
Kempsey
Three Rivers
AIRCOT
Sutton, Steele and Steele Co.
UTAH
Granite River Mill (under UMRTRAP)
Mexican Hat AEC Ore Buying Station (under UMRTRAP)
Salk Lake City Mill (under UMRTRAP)
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U. S. Steel National Tube Div., McCleesport
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