



United States Department of Energy  
Oak Ridge Office  
*Accomplishing the Mission*



# United States Department of Energy Oak Ridge Office

Presentation to  
Environmental Management Advisory Board

Gerald Boyd  
Manager, Oak Ridge Office  
March 6, 2007



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# Key Oak Ridge Missions



➤ Science and Technology



➤ Science Education



➤ Environmental Cleanup



➤ Energy & Nuclear Fuel Supply



➤ National Security

➤ Reindustrialization

➤ Technology Transfer & Economic Development

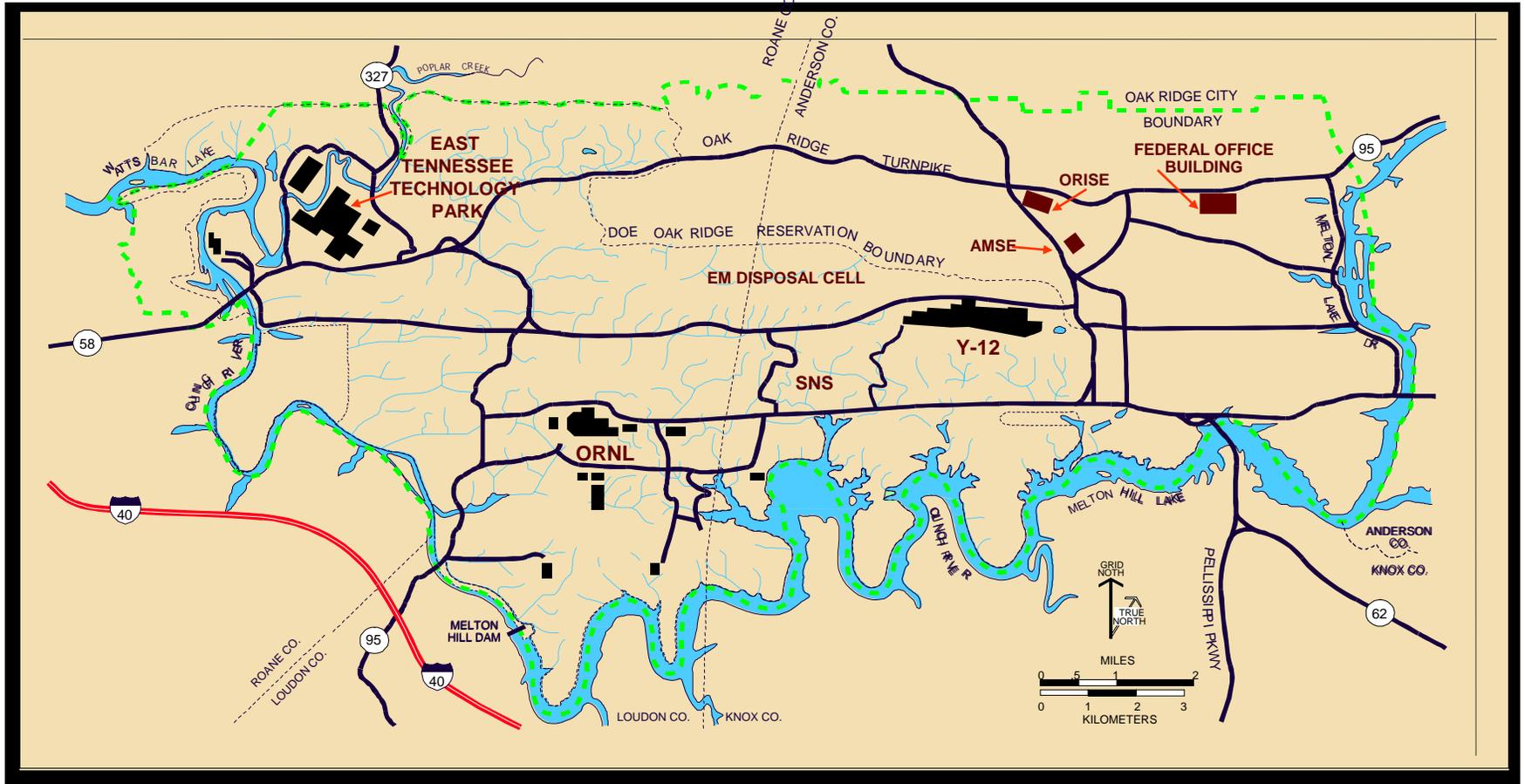


**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

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# Oak Ridge Reservation



33,725 acres in Anderson and Roane Counties within City of Oak Ridge limits

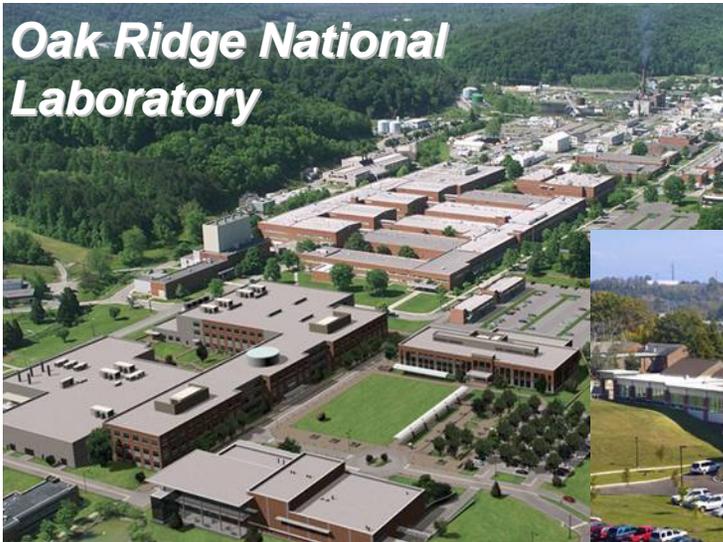


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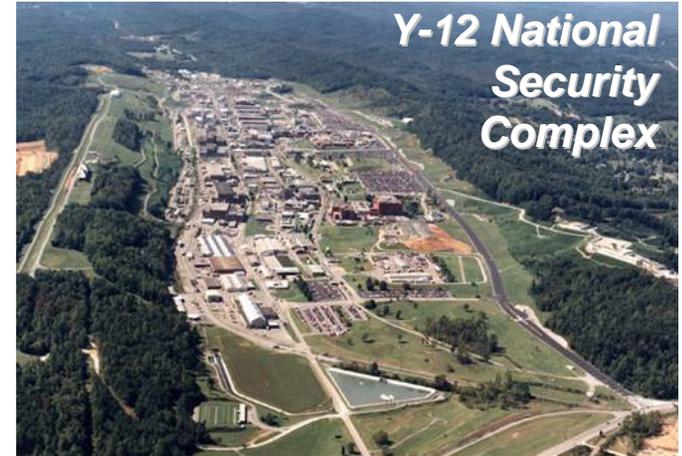
# Oak Ridge Reservation



## *Oak Ridge Office*



## *Y-12 Site Office*



# Major Oak Ridge Contractors



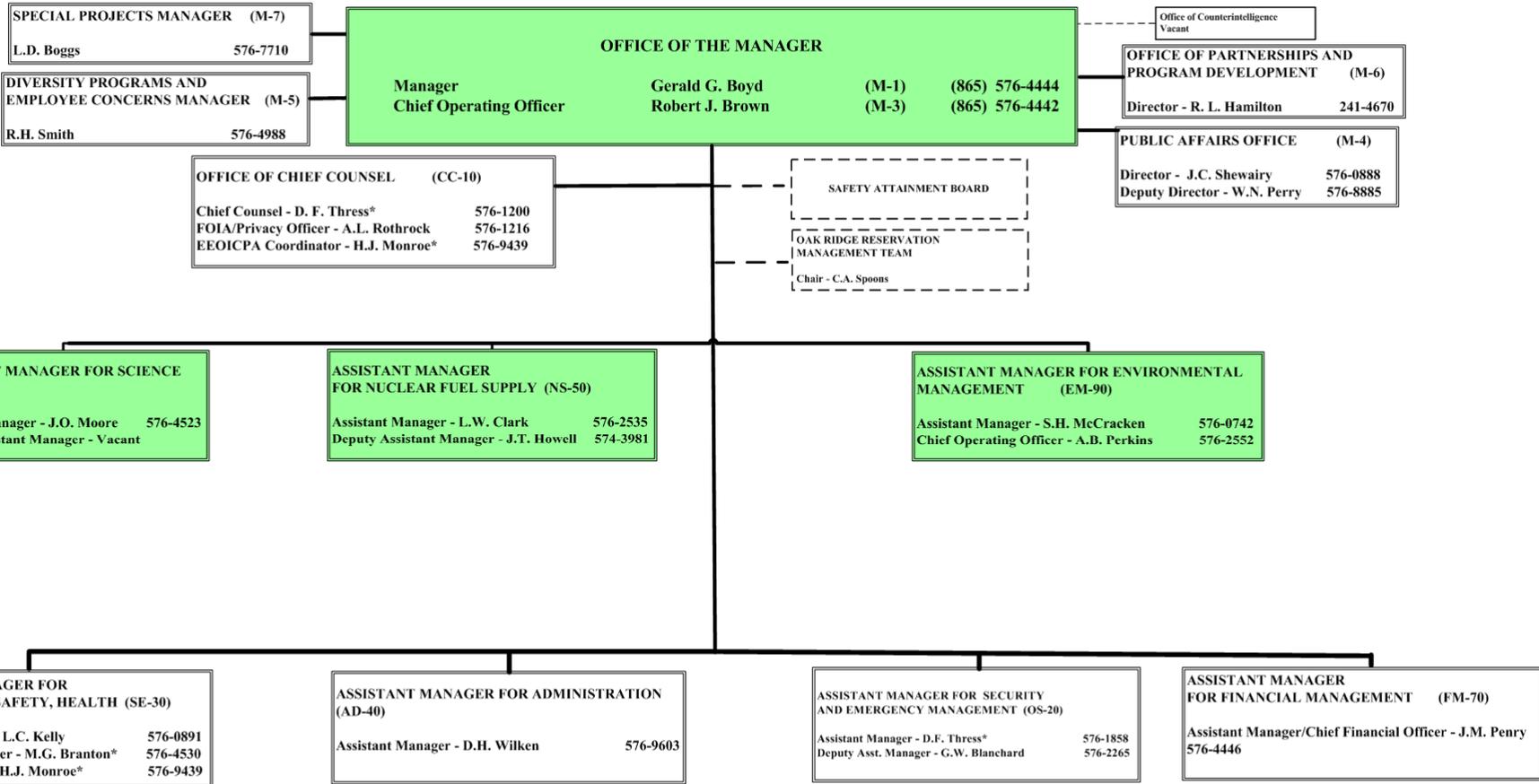
**NNSA**



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Office of Counterintelligence  
 Vacant

OFFICE OF PARTNERSHIPS AND PROGRAM DEVELOPMENT (M-6)  
 Director - R. L. Hamilton 241-4670

PUBLIC AFFAIRS OFFICE (M-4)  
 Director - J.C. Shewairy 576-0888  
 Deputy Director - W.N. Perry 576-8885

OFFICE OF CHIEF COUNSEL (CC-10)  
 Chief Counsel - D. F. Thress\* 576-1200  
 FOIA/Privacy Officer - A.L. Rothrock 576-1216  
 EEOICPA Coordinator - H.J. Monroe\* 576-9439

SAFETY ATTAINMENT BOARD  
 OAK RIDGE RESERVATION MANAGEMENT TEAM  
 Chair - C.A. Spoons

ASSISTANT MANAGER FOR SCIENCE (SC-10)  
 Assistant Manager - J.O. Moore 576-4523  
 Deputy Assistant Manager - Vacant

ASSISTANT MANAGER FOR NUCLEAR FUEL SUPPLY (NS-50)  
 Assistant Manager - L.W. Clark 576-2535  
 Deputy Assistant Manager - J.T. Howell 574-3981

ASSISTANT MANAGER FOR ENVIRONMENTAL MANAGEMENT (EM-90)  
 Assistant Manager - S.H. McCracken 576-0742  
 Chief Operating Officer - A.B. Perkins 576-2552

ASSISTANT MANAGER FOR ENVIRONMENT, SAFETY, HEALTH (SE-30)  
 Assistant Manager - L.C. Kelly 576-0891  
 Deputy Asst. Manager - M.G. Branton\* 576-4530  
 Technical Advisor - H.J. Monroe\* 576-9439

ASSISTANT MANAGER FOR ADMINISTRATION (AD-40)  
 Assistant Manager - D.H. Wilken 576-9603

ASSISTANT MANAGER FOR SECURITY AND EMERGENCY MANAGEMENT (OS-20)  
 Assistant Manager - D.F. Thress\* 576-1858  
 Deputy Asst. Manager - G.W. Blanchard 576-2265

ASSISTANT MANAGER FOR FINANCIAL MANAGEMENT (FM-70)  
 Assistant Manager/Chief Financial Officer - J.M. Penry 576-4446

*Gerald G. Boyd*  
 Gerald G. Boyd

February 2007  
 Date

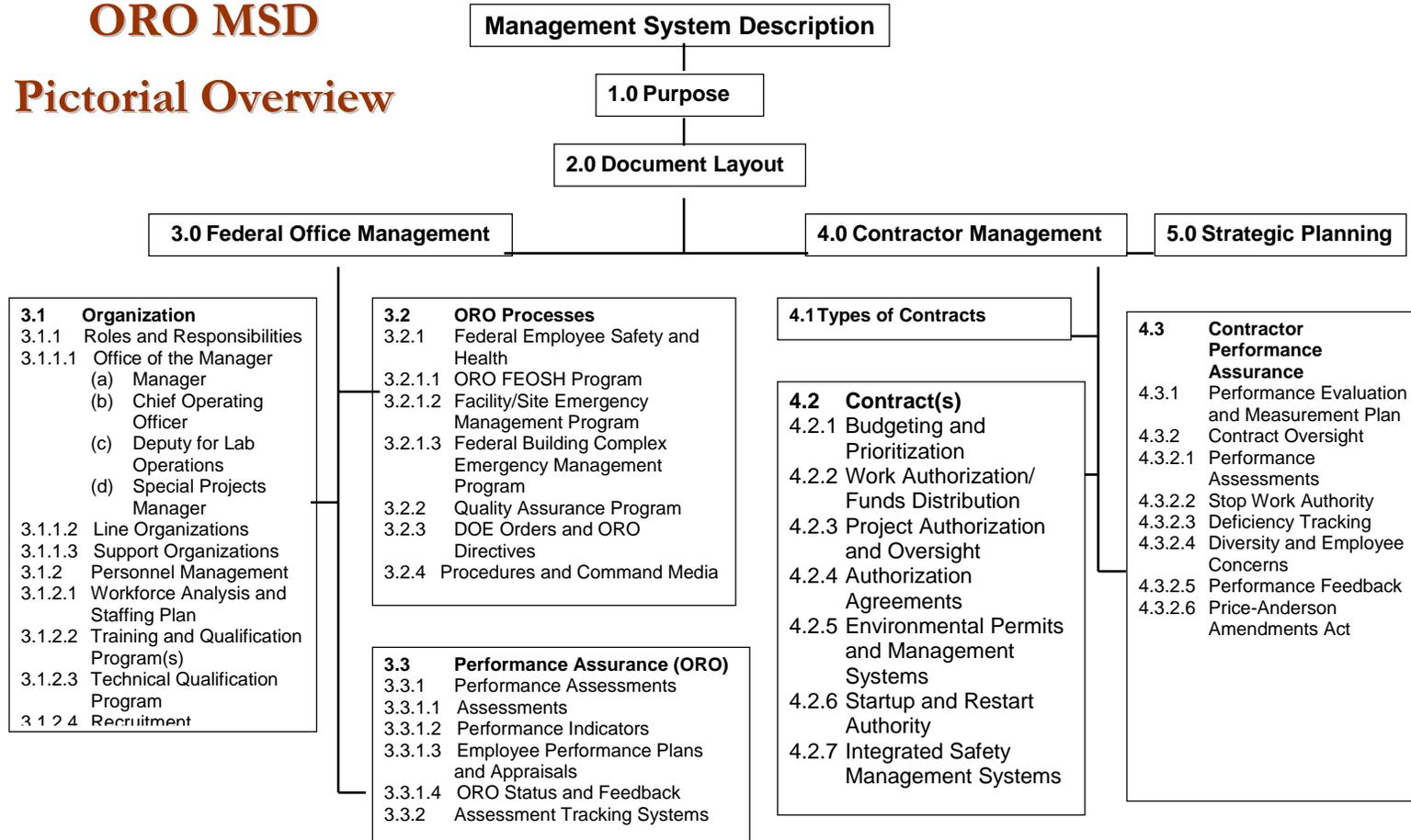
\* Dual Capacity  
 — Reports to HQ  
 ( ) Routing Symbol



# Management System Description

## ORO MSD

## Pictorial Overview



# Oak Ridge FY 2008 President's Budget Summary by Assistant Secretary

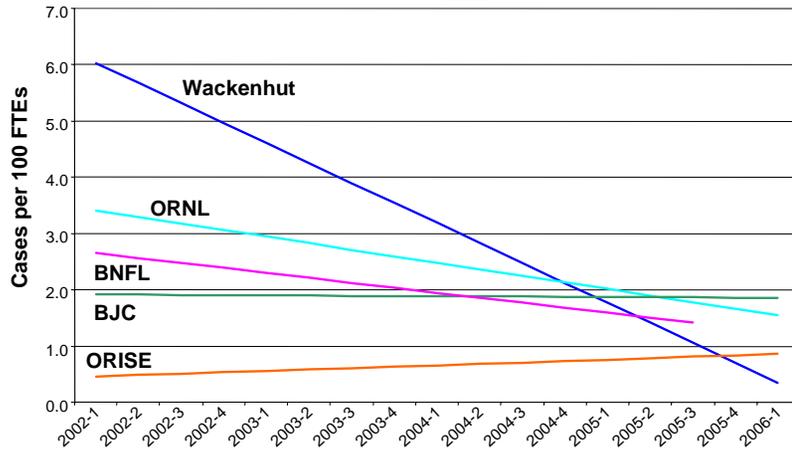
(Energy and Water  
Appropriations)  
(Budget Authority in  
Millions of Dollars)

<u>Assistant Secretary</u>	<u>FY 2006</u>	<u>FY 2007 Presidents Budget</u>	<u>FY 2008</u>
<b><u>OAK RIDGE OFFICE</u></b>			
<b>Science</b>			
Advanced Scientific Computing	66	84	92
ITER	19	60	160
Spallation Neutron Source	136	171	168
Other Research	318	345	345
Subtotal Science	<u>539</u>	<u>660</u>	<u>765</u>
Environmental Management (EM)	543	509	444
Uranium/Thorium Payments	20	20	20
Subtotal EM	<u>563</u>	<u>529</u>	<u>464</u>
Energy Efficiency and Renewable Energy (EERE)	107	95	95
Nuclear Energy	38	53	76
Defense Programs	24	24	24
Nuclear Nonproliferation	162	170	170
Other DOE ORO	33	28	31
Subtotal DOE ORO	<u>1,466</u>	<u>1,558</u>	<u>1,625</u>
Work for Others-ORO	373	375	375
Subtotal OAK RIDGE OFFICE	<u><u>1,839</u></u>	<u><u>1,933</u></u>	<u><u>2,000</u></u>

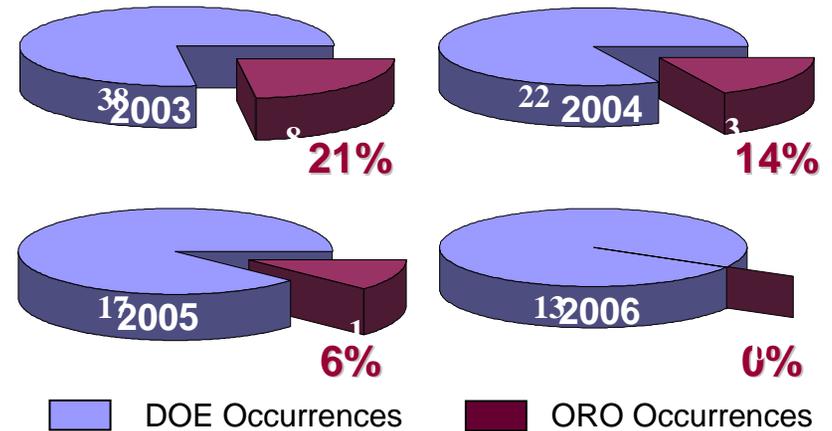


# Status: Safety Performance

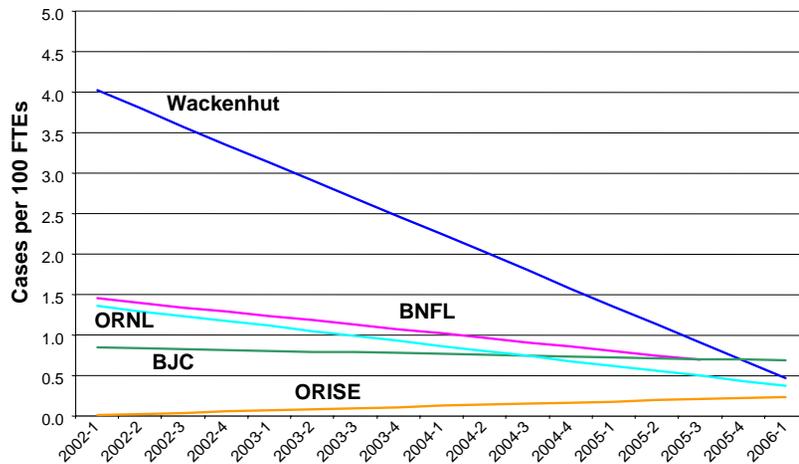
## Injury Rate



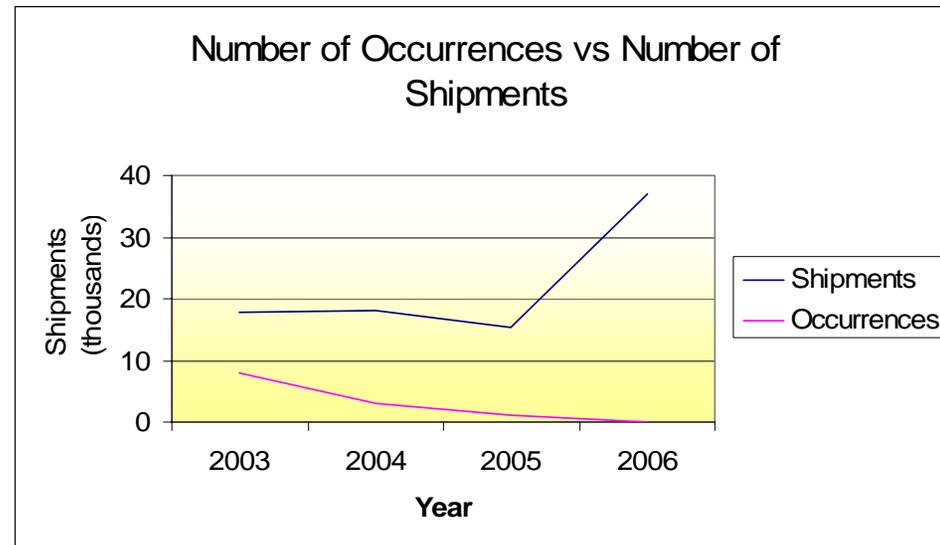
## Transportation Incidents



## Lost Work Days



## Number of Occurrences vs Number of Shipments



# The Oak Ridge EM Program is comprised of three major projects

## TRU Waste Processing Facility Foster Wheeler Environmental



## Three Building D&D Project BNG America

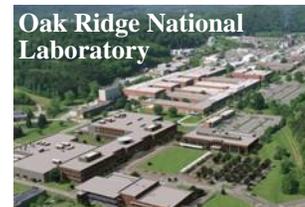


## Accelerated Closure Project Bechtel Jacobs Company LLC

### *ETTP Closure Project*



### *Balance of Reservation Project*



Y-12 National Security Complex



### *Melton Valley Closure Project*

The Accelerated Closure Contract is comprised of four projects.

# The Oak Ridge site is meeting cleanup commitments, but our work is not done

## DOE-EM has a successful track record

- 3 Building D&D, Legacy Waste disposal, DUF6 removal, and Melton Valley closure projects complete
- Significant progress is being made in the ETTP closure project
- Significant risk reduction has been accomplished
- Stakeholder support is strong

Current  
EM  
Closure  
Projects

Remaining  
Legacies

## Remaining Cold War legacies are impeding ongoing missions

- Remaining legacy issues impair mission readiness at ORNL and Y-12
- Legacy management consumes resources needed for modernization
- Modernization efforts need to be coordinated with cleanup efforts



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# An integrated plan enhances ongoing missions while finishing EM's role

## ORNL Master Plan



- Eliminates contaminated central campus area
- Provides needed real estate for science missions

- Eliminates 2.2M square feet of legacy space
- Supports NNSA 2030 initiative

