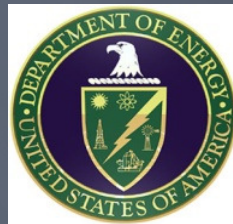


# DOE ENVIRONMENTAL MANAGEMENT BOARD (EMAB)

Celebrating Twenty Years of  
Independent Guidance



May 31, 2012  
Idaho Falls, Idaho

# What is EMAB?

EMAB is comprised of individuals from diverse backgrounds in the government and non-government entities, private industry, scientific and academic communities.



As independent reviewers, EMAB provides an external outlook on critical issues. They serve as volunteer advisors to the EM Assistant Secretary.



# Mission

To provide independent and external advice, information, and recommendations to the Assistant Secretary for Environmental Management on corporate issues relating to accelerated site clean-up and risk reduction

To investigate issues, prepare reports, and recommendations through Subcommittees of the Board, in order to develop a formal Board recommendation for DOE



# EMAB Goals



To recommend reforms to assist DOE to achieve a position of leadership with respect to environmental compliance laws and principles

To increase the national credibility and stature of EM and DOE through the actions of the Board

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To recommend improvements to DOE planning, policy development, budgeting, and other practices to enhance the management of DOE's environmental challenges



# History of EMAB: EMAC 1992-1994

- ▣ **January 1992:** DOE creates the Environmental Restoration and Waste Management Advisory Committee (EMAC) as an external advisory board to assist with environmental cleanup

responsibilities. EMAC begins work on a programmatic environmental impact statement (PEIS) covering all EM sites.



Rocky Flats, 1993



# EMAC's Accomplishments

- ▣ Land Use Subcommittee's Suggestions for PEIS:
  - Recommended incorporating future land use policies as they pertain to deciding cleanup strategies.
  - Modified DOE's risk assessment process so that stakeholder input was used in the selection and improvement of environmental fate and transport models.
  
- ▣ Evaluated effectiveness of Hanford's Tri-Party Agreement
  
- ▣ Evaluated waste issues at Rocky Flats
  
- ▣ Considered health and safety issues for subcontractors and technology development needs to meet restoration problems at Oak Ridge.



# From EMAC to EMAB

In July 1994, DOE restructured EMAC into an executive level, limited-member advisory board

The EM Assistant Secretary needed a committee to

- Act as an unofficial “Board of Directors,”
- Provide broad technical advice,
- Advocate for environmental management.

EMAB was modeled after the EPA’s Science Advisory Board

The committees were to be made up of non-EMAB members and co-chaired by EMAB members

With the addition of EM’s Site Specific Advisory Boards, EMAB’s focus changed to broader, complex-wide policy issues



# EMAB's Accomplishments at a Glance

**July 1996:** The Board submits its final recommendations on the PEIS, and the DOE adopts almost all of them.

The Ten Year Committee addressed the measure for evaluating site-specific plans; recommended ways to integrate the site plans; and identified issues common in multiple sites.

Technology Development and Transfer Committee and DOE managers helped to facilitate:

- A project to identify and fast track technologies throughout the DOE complex; and
- An agreement among EM and the field offices to review planned procurements and redesign them as performance based versus technology based contracts.





# EMAB's Accomplishments at a Glance

Recommendations from EMAB's Communications Committee helped pave the way for the establishment of a permanent communications position in the immediate Office of the Assistant Secretary.

EMAB provided vital counsel in the early days of the Asset Revitalization Initiative (previously known as the Energy Park Initiative). Members helped EM management think strategically and creatively about how to capitalize on the opportunities available throughout the EM complex.

Beginning in 2010, EMAB's Tank Waste Subcommittee undertook a monumental technical review of EM's tank waste cleanup activities at Hanford, Savannah River, and Idaho National Laboratory. Implementation of the Tank Waste Subcommittees' 40+ recommendations is still underway.



# Recent EMAB Issues

- ❑ Project Management & Oversight
- ❑ Strategic Planning
- ❑ Contracts & Acquisition Strategies
- ❑ Human Capital Development
- ❑ Technical Risk & Uncertainty
- ❑ Corporate Communications



# Past EMAB Subcommittees

## Past subcommittees

Quality Assurance

Science

Privatization

Recycling

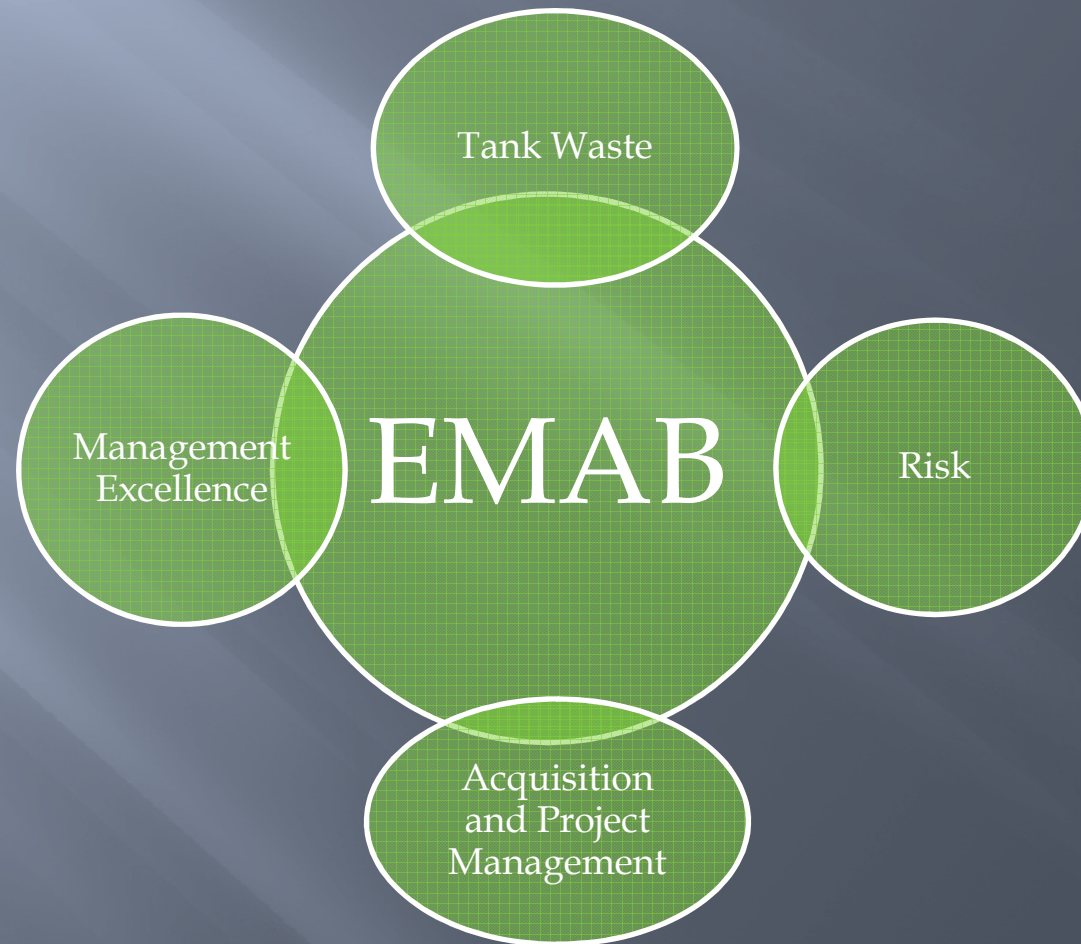


Long-Term Stewardship  
Worker Health and Safety  
Integration and  
Transportation  
Organizational Efficiency

...and many more



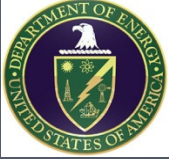
# Current EMAB Subcommittees



# Past EMAB Members

- ▣ Members have come from a wide variety of backgrounds, and include:
  - Private industry, regulatory agencies, academia, stakeholder organizations
  - Former DOE EM Assistant Secretary
  - Local, State, and tribal government





# Current EMAB Members



Chair: Mr. James Ajello



Dr. Frank Coffman



Mr. Paul Dabbar



Mr. G. Brian Estes



Vice Chair: Dr. Dennis P. Ferrigno



Ms. Jane Hedges



Mr. John Owsley



Dr. Lawrence Papay



Mr. Willie Preacher



Dr. Carolyn Huntoon



Ms. Lessie Price



Ms. Jennifer A. Salisbury, Esq.



Mr. David W. Swindle, Jr., P.E.



Mr. Robert J. Thompson

# EMAB Designated Federal Officers



Mr. Jim Melillo  
1992-2005



Ms. Terri Lamb  
2005-2011



Ms. Kristen Ellis  
2011-present



# In appreciation

“The challenges facing the cleanup of the nation’s nuclear weapons sites require the collective experience and advice of individuals throughout our society. We are indebted to you for the perspectives and experience you brought time and again to the work of the Environmental Management Advisory Board.”

*- Jessie Roberson*

“The contribution of this board has been extremely important. We appreciate everything you do, and I think it all goes to show how working together can really benefit the American people. We thank you all very much for your service.”

*- Jim Rispoli*

