

NATIONAL ENERGY TECHNOLOGY LABORATORY



Building Dedication
Technology Support
Facility

Thursday, August 14, 2008

1:00 p.m.



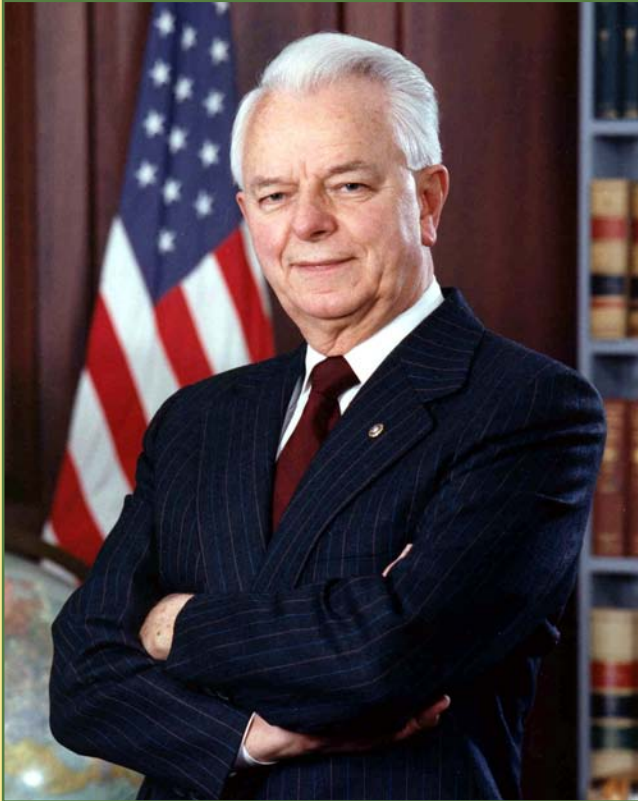
TECHNOLOGY SUPPORT FACILITY DEDICATION

August 14, 2008 • 1:00 p.m.

Invocation	The Reverend Leonard E. Graham <i>Sugar Grove Presbyterian Church</i>
Pledge of Allegiance	Daniel A. Doyle <i>President</i> <i>AFGE Local 1995</i>
Welcome	Carl O. Bauer <i>Director</i> <i>National Energy Technology Laboratory</i> <i>U.S. Department of Energy</i>
Introduction	James A. Slutz <i>Acting Assistant Secretary for Fossil Energy</i> <i>Office of Fossil Energy</i> <i>U.S. Department of Energy</i>
Remarks and Introduction	The Honorable Alan B. Mollohan <i>U.S. House of Representatives</i>
Keynote Address	The Honorable Robert C. Byrd <i>U.S. Senate</i>
Presentation of Plaque	Senator Byrd Director Bauer
Benediction	The Reverend Graham
Reception to Follow	

“The important research breakthroughs at NETL are contributing to the long-term use of West Virginia coal, and the new building will be an important asset to the laboratory’s Fossil Energy program,” Byrd said in a press release. “We cannot expect today’s scientists and engineers to make 21st century discoveries and advancements while using 1960s technologies.”

U.S. Senator Robert C. Byrd
June 23, 2005



The Honorable Robert C. Byrd

U.S. Senator, West Virginia

In every corner of West Virginia, the people of the Mountain State know that there is one man on whom they can always depend: U.S. Senator Robert C. Byrd. He never has forgotten the hard life that he had as a boy growing up in the poverty of the Southern West Virginia coalfields. He has always remained true to his faith and his family, while working to build a better future for his state and his country.

In the Senate, Robert Byrd works for the people. Better jobs. Health care that is affordable and close to home, a good future for our children and grandchildren. Each day in the Senate, Robert Byrd is focused on building a brighter future for the Mountain State.

Throughout West Virginia, thousands of new jobs have been created because of Senator Byrd's initiatives. New industries are taking root—biometrics; aerospace research; advanced manufacturing; computer research; defense innovations. And traditional industries—coal and energy, chemicals, steel—continue to serve as the economic backbone of our communities.

Byrd's work is shaped by the West Virginia values that he learned from his parents, Titus and Vlurma Byrd. This couple never had much in terms of material wealth, often scraping by thanks to odd jobs and in house boarders. But they shared with Robert their living example of faith in the Creator, grounding the future leader in Scripture and in the simple wisdom of living life by the Golden Rule.

In the halls of Congress, Robert C. Byrd is best known for his fierce defense of the Constitution and the institution of the Senate. The Almanac of American Politics says that Byrd "may come closer to the kind of senator the Founding Fathers had in mind than any other." Senators from both parties have paid tribute to Byrd's devotion to the Constitution. He endeavors to make sure that the wisdom of the Constitution's Framers is not forgotten and that the people's liberties are protected.

In the history of the Republic, Byrd has served longer than all but one Member of Congress. On June 11, 2006, Byrd became the longest serving U.S. Senator in the history of the Republic and, in November 2006, he was elected to an unprecedented ninth full term in the Senate. During his tenure, his colleagues have elected him to more leadership positions than any other Senator in history.

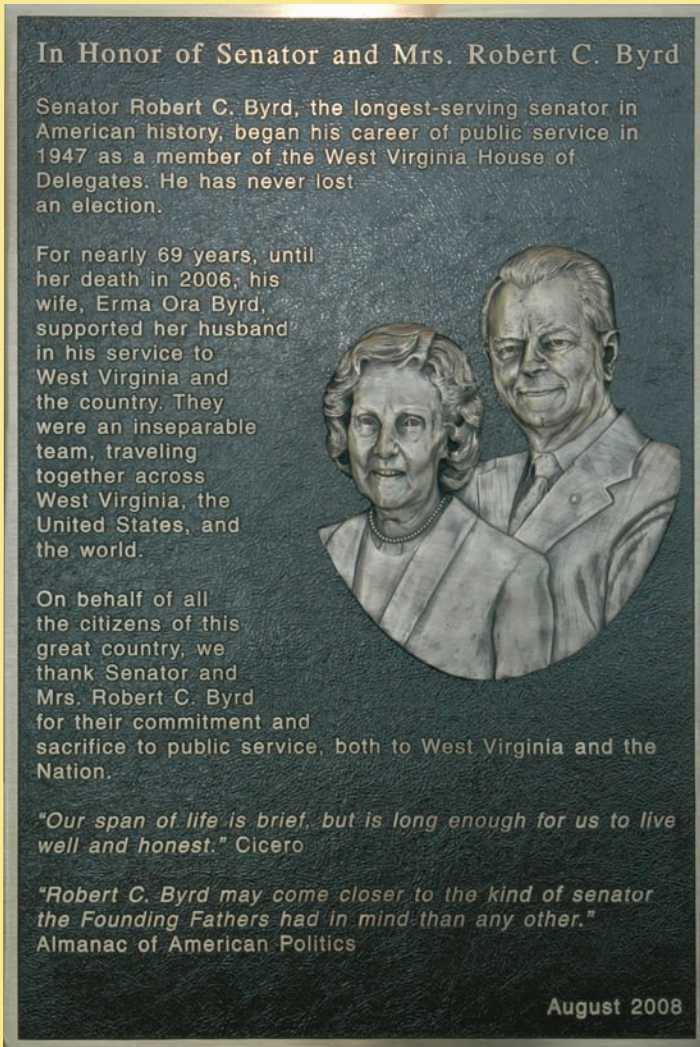
Growing up in Raleigh County, Byrd not only learned the values that have guided him in his life, but that is where he also met his life's love, Erma Ora James. They both attended Mark Twain High School and married shortly after graduation in 1937. For nearly 69 years, the Byrds were inseparable, traveling the hills and hollows of West Virginia and crossing the globe together. Mrs. Byrd passed away on March 25, 2006, after battling a long illness.

From his humble beginnings to the halls of power, Robert Byrd has never forgotten where he came from or where he is going. He is a statesman, a patriot, a defender of the Constitution, a proud son of West Virginia, and one of the most important leaders in America.

Senator Byrd has been blessed with a loving family, including two daughters, Mrs. Mohammad (Mona Byrd) Fatemi and Mrs. Jon (Marjorie Byrd) Moore; six grandchildren: Erik, Darius, and Fredrik Fatemi; Michael Moore (deceased), Mona Byrd Moore Pearson, and Mary Anne Moore Clarkson; five great granddaughters: Caroline Byrd Fatemi; Kathryn James Fatemi, and Anna Cristina Honora Fatemi; Emma James Clarkson and Hannah Byrd Clarkson; and two great grandsons, Michael Yoo Fatemi and James Matthew Fatemi.

In Grateful Appreciation

This plaque will be mounted at the entry to the new Technology Support Facility, in acknowledgement of the continued support and encouragement that Senator Byrd has shown over the years to a grateful NETL.





Alan B. Mollohan

U.S. House of Representatives

Alan B. Mollohan was born in Fairmont, West Virginia, on May 14, 1943, to Robert H. and Helen Holt Mollohan. A graduate of Greenbrier Military School, the College of William and Mary, and West Virginia University's College of Law, he began his legal career in 1970 with a Fairmont firm.

In 1976 he married Glenville native Barbara Whiting, who was working as a speech therapist in the Ohio County schools system. They are the parents of four sons and one daughter.

Mollohan was sworn in as a member of the U.S. House of Representatives in 1983, and has served in each successive Congress.

His top priority is economic development in the First District. He works to defend its traditional industries against unfair attacks and to diversify its base through high-tech, aerospace and government-service activities.

Mollohan is a member of the powerful House Appropriations Committee. It determines the funding for thousands of government programs, totaling 40 percent of the federal budget (*most of the rest is mandatory spending on Social Security, Medicare and Medicaid*).

The Appropriations Committee consists of 12 subcommittees. Mollohan serves on three of them.

He is the Chairman of the Subcommittee on Commerce, Justice, Science and Related Agencies. The subcommittee funds the departments of Justice and Commerce, as well as the National Aeronautics and Space Administration (NASA) and the National Science Foundation (NSF), among others.

Mollohan also is a member of the Subcommittee on Military Construction, Veterans Affairs and Related Agencies, in addition to the Subcommittee on Interior, Environment and Related Agencies.



James A. Slutz
Acting Assistant Secretary
Office of Fossil Energy
U.S. Department of Energy

Mr. Slutz is the executive responsible for leading the Office of Fossil Energy, which includes the coal, oil, and natural gas business lines in the Department of Energy. This includes extensive research in areas such as carbon sequestration; reduced emission and high efficiency power generation; and ultra deepwater and unconventional natural gas production. Jim also oversees the nation's Strategic Petroleum Reserve and serves as the primary policy advisor to the Secretary on fossil energy issues.

Jim most recently served as the Deputy Assistant Secretary for Oil and Natural Gas and served as the co-chair of the management committee for the National Petroleum Council study, "Facing the Hard Truths About Energy." Prior to joining DOE, Slutz served in managerial and technical positions in State Government. He holds an MBA degree from The Ohio State University, Fisher College of Business, and a B.S. degree from The Ohio State University, School of Natural Resources.



Carl O. Bauer

Director,

National Energy Technology Laboratory (NETL)

Carl Bauer is Director of the National Energy Technology Laboratory, a national laboratory, owned and operated by the U.S. Department of Energy, that serves as the lead field laboratory for the Department's Office of Fossil Energy. Mr. Bauer oversees the implementation of major science and technology development programs to resolve the environmental, supply, and reliability constraints of producing and using fossil resources. This includes technologies for—

- Advanced coal-fueled power generation and hydrogen production.
- Carbon sequestration.
- Environmental control for the existing fleet of coal-fired power plants.
- Improving the efficiency and environmental quality of domestic oil and natural gas exploration, production, and processing.

Mr. Bauer has more than 30 years experience in technical and business management in both the public and private sectors. He was appointed NETL Director in August 2005, following 6 months as Acting Director. He has also served as NETL Deputy Director, Director of NETL's Office of Coal and Environmental Systems, and Director of NETL's Office of Product Management for Environmental Management. Mr. Bauer received an M.S. in nuclear power engineering from the Naval Nuclear Power Postgraduate Program in 1972 and a B.S. in marine engineering/oceanography from the U.S. Naval Academy in 1971. He was recognized as a 2006 Director of the Year by the Federal Laboratory Consortium for Technology Transfer.

About NETL

The National Energy Technology Laboratory (NETL), part of DOE's national laboratory system, is owned and operated by the U.S. Department of Energy (DOE). NETL supports DOE's mission to advance the national, economic, and energy security of the United States.

The only U.S. national laboratory devoted to fossil energy research, NETL implements a broad spectrum of energy and environmental research and development (R&D) programs that will return benefits for generations to come:

- Enabling domestic coal, natural gas, and oil to economically power our Nation's homes, industries, businesses, and transportation.
- While protecting our environment and enhancing our energy independence.

NETL has expertise in coal, natural gas, and oil technologies, contract and project management, analysis of energy systems, and international energy issues.

In addition to research conducted onsite, NETL's project portfolio includes R&D conducted through partnerships, cooperative research and development agreements, financial assistance, and contractual arrangements with universities and the private sector. Together, these efforts focus a wealth of scientific and engineering talent on creating commercially viable solutions to national energy and environmental problems.



NETL Morgantown Technology Support Facility



Technology Support Facility



New Parking Garage (adjacent to Facility)

The new four-story Technology Support Facility will provide critically needed office space in support of the National Energy Technology Laboratory's mission of advancing science and technology for a clean, secure energy future.

The 108,000-sq. ft., \$36 million, state-of-the-art Facility will provide space for approximately 200 personnel. Adjacent to the new building is a new 5-level, 350-space parking garage.

The completed building includes:

- Visitor's Center with interactive multi-media kiosks
- 40 management and administrative offices
- 12 conference rooms
- State-of-the-art computational facilities
- Full basement and a five-story atrium
- Green vegetated roof that provides insulation, drainage, moisture barrier

The new Facility is designed to obtain the U.S. EPA Energy Star Certification—buildings that earn the Energy Star are top performers for energy efficiency nationwide and use about 35% less energy than average buildings. The building is also registered with the U.S. Green Building Council, Leadership in Energy and Environmental Design (LEED) Certification Program. The LEED "Green Building Green Rating System," is the only nationally recognized certification process for Green Buildings. The building is expected to obtain the highest possible rating.



Green Vegetated Roof

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U.S. Department of Energy
Office of Fossil Energy