

NASA's Nuclear Frontier

The Plum Brook Reactor Facility

Mark D. Bowles
Robert S. Arrighi



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Nasas Nuclear Frontier The Plum Brook Reactor Facility 1941 2002

Robert C. Seamans



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NASA's *Nuclear Frontier* Mark D. Bowles, Robert S. Arrighi, 2004-09 NOTE NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT OVERSTOCK SALE Significantly reduced list price while supplies last Presents a visual history of the Plum Brook reactor including numerous images and captions a narrative history and selected primary documents This work culminated in the atomic bomb After the war as Plum Brook's ordnance factories went silent scientists continued their pursuit of nuclear knowledge by constructing test reactors Timeline included within the Appendices section Military personnel especially strategists leaders and soldiers may be most interested in this volume students pursuing research about the Plum Brook facility and the land used to house the military's explosives and gun powder Related products Building the Bombs A History of the Nuclear Weapons Complex is available here <https://bookstore.gpo.gov/products/sku/061000009680> United States Army in World War 2 Special Studies Manhattan the Army and the Atomic Bomb is available here <https://bookstore.gpo.gov/products/sku/008029001322> Nuclear Weapons Gone Missing What Does History Teach is available here https://bookstore.gpo.gov/search/apachesolr_search/atomic+bomb NASA's *Nuclear Frontier* Mark D. Bowles, Robert S. Arrighi, 2004 In 1953 Pres Eisenhower delivered a speech called Atoms for Peace to the U N in which he argued for the transformation of the atom from a weapon of war into a useful tool for civilization People believed that there were unprecedented opportunities for peaceful nuclear applications American scientists engineers carried out the atoms for peace initiative at the nearly 200 research test reactors built in the 1950s 1960s One of the most powerful reactors in the world was the Plum Brook Station in Sandusky OH From 1961 to 1973 this reactor was home to some of the most advanced nuclear experimentation in the U S Here is a visual history of the reactor incl numerous images captions a narrative history selected primary documents

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presentations by a group of prominent scholars in 2003 at a conference sponsored by the NASA History Division and held at the Great Lakes Science Center in Cleveland Ohio The volume focuses on the careers of some of the many men and women who helped to realize the dream of flight both through the atmosphere and beyond These accounts are original and compelling because they examine the history of flight through the lens of biography

Realizing the Dream of Flight Virginia Parker Dawson, Mark D. Bowles, 2005

Bringing the Future Within Reach Robert S. Arrighi, 2016 The book documents Glenn's many research specialties over those 75 years Among them are early jet engines and rockets flight safety and fuel efficiency tested in premier icing and wind tunnels liquid hydrogen fuel which despite skeptics like aerospace engineer Wernher von Braun helped the U S win the race to the moon and electric propulsion considered key to future space flight Space enthusiasts aviation personnel aerospace engineers and inventors may be interested in this comprehensive and milestone volume Other related products NASA at 50 Interviews With NASA's Senior Leadership can be found here <https://bookstore.gpo.gov/products/sku/033000013604> Other products published by National Aeronautical and Space Administration NASA can be found here <https://bookstore.gpo.gov/agency/550>

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