Inventory of the Robert L. Peurifoy papers

Finding aid prepared by Hoover Institution Archives Staff
Hoover Institution Archives
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Title: Robert L. Peurifoy papers
Date (inclusive): 1958-2016
Collection Number: 2019C25
Contributing Institution: Hoover Institution Archives
Language of Material: English
Physical Description: 16 manuscript boxes (6.4 linear feet)
Abstract: Correspondence, writings, notes, reports, studies, and printed matter, relating to nuclear weapons development and nuclear stockpile management in the United States.
Physical Location: Hoover Institution Archives
Creator: Peurifoy, Robert L., 1931-2017
Access
The collection is open for research; materials must be requested at least two business days in advance of intended use.
Publication Rights
For copyright status, please contact the Hoover Institution Archives.
Preferred Citation
[Identification of item], Robert L. Peurifoy papers, [Box no., Folder no. or title], Hoover Institution Archives
Acquisition Information
Materials were acquired by the Hoover Institution Archives in 2018.
Accruals
Materials may have been added to the collection since this finding aid was prepared. To determine if this has occurred, find the collection in Stanford University's online catalog at http://searchworks.stanford.edu/. Materials have been added to the collection if the number of boxes listed in the catalog is larger than the number of boxes listed in this finding aid.
Biographical Note
Vice president, Sandia National Laboratories.
Related Collection(s)
Sidney D. Drell papers, Hoover Institution Archives
Subjects and Indexing Terms
Nuclear weapons.

Box 1

Department of Energy materials
Clippings and articles 1978-2010
Correspondence 1993-2013

Scope and Contents note
Includes letters with Lisbeth Gronlund, Sid Drell, Dick Garwin, Raymond Jeanloz, Stephen Young, Eric Schlosser, Robert Nelson, and Jonathan Medalia.

U.S. Atomic Energy Commission materials
Hydrgen bomb transparencies
Negative depicting bombs (use copies only)

Access
Original located in StillNegPos Box 4 restricted; use copies available in Box 1.

Notes
Prints of bomb designs
"#7 Phases," Department of Defense 2011
Email chain: "Mix and Match Warheads" 2014
U.S. Nuclear Posture: "Time to Reshape and Realign" 2001
Nuclear statistics

Box 2

Clippings and articles 2007-2013
Union of Concerned Scientists materials 2013
Correspondence 2008-2013
Congressional Research Service Report 2007
The Reliable Replacement Warhead Program
Lifetime Extension Program (LED) materials 2001-2009
Excerpts from Dana Priest
U.S. Atomic Energy Commission materials
Aging
Hybel itinerary
"Final Development report of the B61-7 Bomb (U)," redacted copy 1992
Clippings and articles
"Fewer Warheads, More Spending"
Correspondence 2009-2013
Materials relating to Dr. Charles McMillan’s testimony 2012-2013
Biographical material
Writings by Sidney Drell
Materials related to aging weapons 1997
Department of Energy materials 1994
Congressional Research Service Report 2006
Box 4
Bob Peurifoy Qualifications
"Sandia National Laboratories Developing the National Nuclear Weapon Stockpile, 1956-1965" 1995
"An Annotated Topical Index and Reference List for the Writing on Nuclear Weapon Program Management Topics - 1956 to 1988" 1988
Access/Use Control
Safety
U.S. Atomic Energy Commission materials
Weapons Program Documentation/Activity 1983
Correspondence 1973-2014
Robert Peurifoy’s opposition to moving the weapons program into the Department of Defense 2009
Sandia Laboratories materials
Remanufacture
Clippings and articles 1976-2014
Weapons costs
Clippings and articles 1994-2011
Correspondence 1995-2012
Security 1999
Sandia Laboratories material 1969-2010
Mark 21 nuclear bomb materials
Nuclear Weapons Arming and Fuzing
U.S. Nuclear Weapons in Europe 2005
Limited Life Components 1997
"Nuclear Testing: Summary and Conclusions" 1995
"Science at Its Best and Security at Its Worst"
Clippings and articles 1997-2012
Interim report 2008
"Report to Congressional Requesters" 2012 February
GAO study
Correspondence 1990-2014
Scope and Contents note
Includes letters to/from Dr. John P. Holden, Greg Mello, Tom Collina, and Jay Coghlan.
Tech issues 2011
"Questions and Answers regarding the CMRR Project"
The Cato Institute Minimum Deterrence Report 2013
Stewardship campaigns 2001 November
BREDL Southern Anti-Plutonium Campaign
Congressional Research Service Report 2006-2008
"Workshop in U.S. Nuclear Weapons Stockpile Management: Summary Report" 2011
"Trimming Nuclear Excess" 2012 December
"Nuclear Budget Busters" 2012
Box 7
Clippings and articles 1996-2011
B61 Family
Correspondence 2011-2014
Government Accountability Office 2007
Sandia materials
Natural Resources Defense Council material
Annotated Vugraphs for Nuclear Detonation Safety Briefing 1981
Workshop on U.S. Nuclear Weapons Stockpile management materials 2011-2012
Airmunitions 1961
"Organization 9300 Philosophy and Guidance"
Minutes of the 133rd meeting of the fission weapon committee 1957-1958
Box 8
Weapons stockpile material
Correspondence 1961-2013
Super computers and weapons failures 2011
Clippings and articles 1978-2016
Department of Energy materials
"Stephen Young Archive: All Things Nuclear"
Statement of Dr. Paul J. Hommert 2011
Statement of Dr. Donald L. Cook 2013
Statement of General C. R. Kehler 2013
Congressional Research Service Report 2007
Weapon diagrams
Hydronuclear experiments 1987
Hoover Institution briefing 2011
"High Science and Legal Loopholes" 2005
Penetration equations 1997
Box 9
Vacuum Tubes
System-level flight tests 1999
SLAC memorandum 1995
Correspondence 1999-2012
Clippings and articles 1974-2010
MC2935: Application and testing
"B61-3,4,10 Alt 335 Lessons Learned and Corrective Actions" 2000
Session Four: Media and Public Policy
Types of Nuclear Weapons
U.S. Nuclear Weapon "Pit" Production Options for Congress
Notes
"Modernizing the Nuclear Security Enterprise" 2013
National Resources Defense Council materials
Report by Amarillo National Resources Center for Plutonium 1998
Statement of Neile Miller 2013
FOIA Exemptions
Box 10
U.S. Nuclear Weapons Accidents
Department of Defense Directive 1993
Correspondence 2004-2012
"The Nuclear Credibility Gap: Three Crises" 2011
"Swords of Armageddon"
Sandia report 1997
"Findings and Recommendations Concerning The Comprehensive Nuclear Test Ban Treaty" 2001
U.S. Atomic Energy Commission materials
Discussion notes on the Economic of Nuclear Energy
Clippings and articles 1997-2011
"Quantification of Margins and Uncertainties"
Congressional Research Service Report 2007
"Aircraft/Bomb Control System Faults 1961-1987"
"Briefing for the President on SAC Operations with Sealed-pit Weapons"

Box 11
Clippings and articles 1997-2012
"Frequently Asked Questions on Pit Manufacturing Capacity" 2009
Correspondence 2008-2013
URRW 2005
"Why the Urgency?"
Pit Lifetime 2007
Weapons stockpile material
Reliability
Summary of Nuclear Enterprise Conference
Safety of nuclear weapon designs materials 1970
Custody
"Lessons Learned," Sandia National Laboratories 2001
"The Origins and Evolution of S2C at Sandia National Laboratories: 1949-1996"
Microfilm index tables
U.S. Air Force Project Rand Research memorandum 1958
Reliable replacement warhead 2006
New START 2013
Box 12
IAP: 1 1976, 2005
"The Comprehensive Test Ban Treaty: An Assessment of the Benefits, Costs, and Risks"
Correspondence
Vacuum tubes
Box 13
NIF Follies 2012-2013
Response to "Nuclear Weapons: DOD and NNSA Need to Better Manage Scope of Future..." 2011
Development reports 1969-1971
Vugraphs
"Safety Program Broken Arrows"
Flower letter
Box 14
"Happy 50th Birthday Sandia"
W78 pit corrosion
CMA
Signatures of Aging 1998
URRW
"History of the Custody and Deployment of Nuclear Weapons, July 1945 through September 1977"
Congressional Advisory Panel on the Governance of the Nuclear Security Enterprise
2014
Pit lifetime 2005
Box 16
Correspondence between Robert Peurifoy and Patrick Malone 2015
"Sandia: Looking Back"
"Earth Penetrators"
Correspondence between Robert Peurifoy and Tom Seitz 2006
Sandia National Laboratories photographs
  Scope and Contents note
  Including images of the Nevada Test Site.