Inventory of the Robert L. Peurifoy papers

Finding aid prepared by Hoover Institution Library and Archives Staff
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434 Galvez Mall
Stanford University
Stanford, CA 94305-6003
hoover-library-archives@stanford.edu
URL: http://www.hoover.org/library-and-archives
Title: Robert L. Peurifoy papers
Date (inclusive): 1958-2016
Collection Number: 2019C25
Contributing Institution: Hoover Institution Library and 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.
Creator: Peurifoy, Robert L., 1931-2017

Access
The collection is open for research; materials must be requested in advance via our reservation system. If there are audiovisual or digital media material in the collection, they must be reformatted before providing access.

Use
For copyright status, please contact the Hoover Institution Library & Archives.

Acquisition Information
Materials were acquired by the Hoover Institution Library & Archives in 2018.

Preferred Citation
[Identification of item], Robert L. Peurifoy papers, [Box no., Folder no. or title], Hoover Institution Library & Archives

Biographical Note
Vice president, Sandia National Laboratories.

Related Collection(s)
Sidney D. Drell papers, Hoover Institution Library & 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

Hydrogen 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


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

box 3

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

box 5

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”
box 6

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


“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

box 12

“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 13


IAP: 1 1976, 2005

"The Comprehensive Test Ban Treaty: An Assessment of the Benefits, Costs, and Risks"

Correspondence


Vacuum tubes

box 14

*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 15

"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.

Audiovisual materials

Scope and Contents

Original audiovisual materials are not available until they have been reformatted. If interested in accessing these materials, please contact us for more information.

box MC31

“PBX-9502” (An Insensitive High Explosive for Enchanced Nuclear Weapon Safety)

Digital materials

Access

Digital materials are not available until processed. If interested in accessing these materials, please contact us for more information.

Scope and Contents

Contains 5 optical disks.