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STS.003 The Rise of Modern Science
Spring 2008

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STS.003

Spring 2007

Keywords for Week 11

Lecture 19: Physics and the Cold War

Duck and Cover instructional film (1951)

Cold War

Winston Churchill, "Iron Curtain" speech (1946)

Truman Doctrine (1947)

Policy of Containment

Marshall Plan (1947)

National Security Act (1947): DoD, CIA, NSC

North Atlantic Treaty Organization (NATO), 1949

Warsaw Pact (1955)

Joseph McCarthy (1908-1957), Senate Permanent Investigations Subcommittee

House Un-American Affairs Committee (1938-1975)

Klaus Fuchs (1911-1988)

The Rosenbergs, Julius (1918-1953) and Ethel (1915-1953)

David Greenglass (b. 1922)

J. Robert Oppenheimer (1904-1967)

General Advisory Committee of the Atomic Energy Commission

Oppenheimer Security Hearing, 1954

Edward Teller (1908-2003)

Teller-Ulam design of the H-bomb

Lawrence Livermore National Laboratory

US Hydrogen Bomb Test: November 1952

Andrei Sakharov (1921-1989)

Igor Kurchatov (1903-1960)

Soviet Hydrogen Bomb Test: November 1955

Marshal Mitrofan Nedelin (1902-1960)

Soviet Hydrogen Czar-Bomb Test: October 1961

Castle Bravo US Hydrogen Bomb Test, Bikini Atoll: March 1954

Limited Nuclear Test Ban Treaty, 1963

Moscow Human Rights Committee (1970)

Reflections on Progress, Peaceful Coexistence, and Intellectual Freedom (1968)