



Dr. John Harvey
Principal Deputy
Assistant to the Secretary of Defense
for Nuclear and Chemical and Biological
Defense Programs



In July 2009, Dr. Harvey reported as the Principal Deputy to the Assistant to the Secretary of Defense for Nuclear and Chemical and Biological. A member of the Senior Executive Service, he advises the ATSD on formulation of policy and plans and oversight of nuclear matters, chemical and biological defense programs, chemical weapons demilitarization, treaty management and the Defense Threat Reduction Agency.

From March 2001 to July 2009, Dr. Harvey served as Director, Policy Planning Staff of the National Nuclear Security Administration. In this role, he advised the NNSA Administrator on major policy and program decisions. He was responsible for analysis of program and policy options relating to NSC-directed policy reviews, the work of the Nuclear Weapons Council, external advisory boards, and interagency working groups. Of note, Dr. Harvey was “point” for NNSA on the President’s National Security Presidential Directive (NSPD)-4 Strategic Review, the Nuclear Posture Review, and its associated implementation, the interagency review of nuclear testing issues, and on the drafting and implementation of NSPD-28 on Nuclear Weapons Command, Control, Safety, and Security.

From March 1995 to January 2001, Dr. Harvey served as Deputy Assistant Secretary of Defense for Nuclear Forces and Missile Defense Policy where he developed and oversaw implementation of U.S. defense policy governing strategic and theater nuclear forces and ballistic missile defense. This included development of U.S. nuclear weapons employment policy, oversight of the Single Integrated Operational Plan (SIOP), interactions with allies on nuclear weapons matters including serving as the U.S. representative to the NATO High Level Group, and direct participation in the programming for, and budgeting of, U.S. nuclear forces and systems for their command and control.

From 1989 to 1995, Dr. Harvey was Director of the Science Program at the Stanford University Center for International Security and Arms Control where he led research efforts on the proliferation of mass destruction weapons and delivery systems to the developing world, safety and security of U.S. nuclear weapons, the role in national security policy of export controls on advanced dual-use technologies, the implications of advanced conventional weapons for regional security, and U.S. defense restructuring. He has lectured on arms control and national security policy in the academic program at Stanford.

From 1978 to 1990, Dr. Harvey was with the Lawrence Livermore National Laboratory, initially in Z-Division, where he carried out intelligence assessments of the Soviet nuclear weapons program. He also served as Project Manager for Advanced Strategic Missile Systems, where he directed systems studies addressing effectiveness, safety, and security of potential nuclear warheads for Small ICBM and alternative basing options for the Peacekeeper ICBM, and as Deputy Program Leader for START and INF Verification. From 1982 to 1985, Dr. Harvey was assigned, on loan

from LLNL, to the Strategic Arms Control Policy Office in the Department of Defense where he worked on technical and policy issues relating to the START negotiations with the Soviet Union.

Dr. Harvey has served on several advisory panels including: the NATO Science Committee's Advisory Panel on Disarmament Technologies (1993-95), the Senior Advisory Group on Theater Missile Defense, Institute of Foreign Policy Analysis (1993), and the National Academy of Science—Russian Academy of Science working group on dual-use technologies and export administration (1992-93). For his service in DoD, Dr. Harvey was awarded, in September 1985 and again in January 1997, the Secretary of Defense Medal for Outstanding Public Service.

Dr. Harvey received his BA in physics from Rutgers University and his MS and PhD degrees in experimental elementary particle physics from the University of Rochester. He is the author or co-author of numerous scientific and technical papers.