

Dr. Chip Martin is a Senior Technical Specialist with the Defense Nuclear Facilities Safety Board Staff. Currently, his principal responsibilities at the Board include oversight of the nuclear weapon surveillance program, nuclear explosive safety studies, dynamic experiments at Los Alamos National Laboratory, software quality assurance, and safety of explosives and detonators. Prior to joining the DNFSB staff, Dr. Martin served as an officer in the U.S. Air Force where he received a broad range of experience with nuclear weapons including operations, underground testing, design, and development. He also served as technical manager for the advanced space reactor program for the Strategic Defense Initiative Organization. During his last assignment, he worked with Dr. Edward Teller and a consortium of scientists from Phillips Laboratory, Penn State University, Los Alamos & Livermore National Laboratories on several advanced concepts. This work included research on high energy density materials including anti-protons for applications in fusion, fission, and medical applications. He has over 40 publications and is currently writing a novel and a theoretical paper on stimulated emission with bosonic-fermions.