

International Safeguards Additional Protocol
Implementation in the Department of Energy
and National Nuclear Security Administration

G.E. Wrenn Jr
C.W. Coates
M.L. Bedke

Institute of Nuclear Materials Management
44th Annual Meeting
Phoenix, Arizona, July 13-17, 2003

Abstract

The Additional Protocol was signed by the United States and the International Atomic Energy Agency (IAEA) in June 1998 and is a supplement to the Safeguards Agreement with IAEA. The President submitted the Additional Protocol to the U.S. Senate in May 2002 for advice and consent to ratification. Entry into force will make it a legal requirement for the Department of Energy (DOE and National Nuclear Security Administration (NNSA) to provide an expanded declaration of activities and provide complementary access to the IAEA to verify the completeness of these declarations.

The DOE/NNSA program for implementation of the Additional Protocol has three key goals:

- 1) Prepare DOE and NNSA sites for preparing and maintaining declarations under the Additional Protocol, including submission of the initial declaration and implementation of a system for keeping the declarations accurate and current.
- 2) Utilize one or more international safeguards sites managed by DOE as a test bed for qualification of the national reporting system that will be used by all U.S. nuclear facilities with responsibilities under the Additional Protocol.
- 3) Assist foreign government officials and nonproliferation specialists in understanding Additional Protocol implementation issues so they will quickly bring the agreement into force.

National Laboratories are providing technical support to facilitate coordination and implementation of the IAEA Additional Protocol at DOE and NNSA sites. Additional Protocol program activities are structured to ensure DOE readiness for effective implementation of the expanded reporting and inspection requirements in time for the United States to be in full compliance prior to the IAEA REVCON congress, to be held in May 2005.