

Abstract:

**How will the implementation of multi-national fuel cycle models impact nonproliferation policy and the verification of compliance with safeguards commitments?** Along with growing interest in power reactors, there also is interest in all elements of the fuel cycle, some of which raise proliferation concerns. These elements are described briefly, with focus on options for the backend. What is meant by “multinational” is discussed and proliferation concerns described. Drivers of nonproliferation are discussed and suggestions for handling these issues are presented.